2011 ANNUAL GROUNDWATER MONITORING REPORT

HIMCO SITE
ELKHART, INDIANA

Prepared For:
Himco Site Trust

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TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1
1.1 PURPOSE 1
1.2 BACKGROUND 1
1.3 PREVIOUS INVESTIGATIVE ACTIVITIES 2
1.4 REPORT ORGANIZATION 5

2.0 GROUNDWATER MONITORING PROGRAM SCOPE 6
2.1 GROUNDWATER ELEVATION MONITORING 6
2.2 GROUNDWATER QUALITY MONITORING 6

3.0 HYDROGEOLOGY 7
3.1 SITE HYDROGEOLOGY 7
3.2 GROUNDWATER ELEVATION MONITORING 7

4.0 GROUNDWATER QUALITY MONITORING 10
4.1 INTRODUCTION 10
4.2 VOLATILE ORGANIC COMPOUNDS 11
4.2.1 BENZENE 12
4.2.2 1,1-DICHLOROETHANE (1,1-DCA) 14
4.2.3 CIS-1,2-DICHLOROETHENE (CIS-1,2-DCE) 16
4.2.4 VINYL CHLORIDE 17
4.2.5 CARBON DISULFIDE 19
4.3 SEMI-VOLATILE ORGANIC COMPOUNDS 20
4.4 METALS AND GENERAL CHEMISTRY ANALYTES 21
4.4.1 INTRODUCTION 21
4.4.2 ARSENIC 23
4.4.3 CALCIUM 24
4.4.4 IRON 25
4.4.5 MANGANESE 25
4.4.6 SODIUM 26
4.4.7 SULFATE 27
4.4.8 CHLORIDE 28

5.0 CONCLUSIONS 29
5.1 GROUNDWATER ELEVATION MONITORING 29
5.2 GROUNDWATER QUALITY MONITORING 29
5.2.1 VOCS 29
5.2.2 SVOCS 29
5.2.3 METALS AND GENERAL CHEMISTRY PARAMETERS 30
5.3 FUTURE MONITORING AND REPORTING 31

LIST OF FIGURES
(Following Text)

FIGURE 1.1 SITE LOCATION MAP

FIGURE 1.2 SITE PLAN

FIGURE 2.1 BASELINE GROUNDWATER AND INTERIM GROUNDWATER MONITORING PROGRAM – DECEMBER 2008 TO JUNE 2011

FIGURE 3.1 SCHEMATIC CROSS-SECTION

FIGURE 3.2 GROUNDWATER ELEVATION CONTOURS – UPPER AQUIFER – JUNE 13, 2011

FIGURE 3.3 GROUNDWATER ELEVATION CONTOURS – INTERMEDIATE AQUIFER – JUNE 13, 2011

FIGURE 3.4 GROUNDWATER ELEVATION CONTOURS – LOWER AQUIFER – JUNE 13, 2011

FIGURE 3.5 VERTICAL HYDRAULIC GRADIENTS – JUNE 13, 2011

FIGURE 4.1 AVERAGE BENZENE CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.2 BENZENE CONCENTRATIONS – DEC. 2010 TO JUNE 2011 – INTERMEDIATE AQUIFER

FIGURE 4.3 AVERAGE 1,1-DCA CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.4 AVERAGE 1,1-DCA CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – INTERMEDIATE AQUIFER

FIGURE 4.5 AVERAGE CIS-1,2-DCE CONCENTRATIONS CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.6 CIS-1,2-DCE CONCENTRATIONS – DEC. 2010 TO JUNE 2011 – INTERMEDIATE AQUIFER

FIGURE 4.7 AVERAGE VINYL CHLORIDE CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

LIST OF FIGURES
(Following Text)

FIGURE 4.8 VINYL CHLORIDE CONCENTRATIONS – DEC. 2010 TO JUNE 2011 -INTERMEDIATE AQUIFER

FIGURE 4.9 VINYL CHLORIDE CONCENTRATIONS – DEC. 2010 TO JUNE 2011 LOWER AQUIFER

FIGURE 4.10 CARBON DISULFIDE CONCENTRATION – DEC. 2010 TO JUNE 2011 - UPPER AQUIFER

FIGURE 4.11 AVERAGE CARBON DISULFIDE CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – INTERMEDIATE AQUIFER

FIGURE 4.12 AVERAGE CARBON DISULFIDE CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – LOWER AQUIFER

FIGURE 4.13 BIS(2-ETHYLHEXYL)PHTHALATE CONCENTRATIONS – DEC. 2010 TO JUNE 2011– UPPER AQUIFER

FIGURE 4.14 BIS(2-ETHYLHEXYL)PHTHALATE CONCENTRATIONS – DEC. 2010 TO JUNE 2011 – INTERMEDIATE AQUIFER

FIGURE 4.15 AVERAGE ARSENIC CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – INTERMEDIATE AQUIFER

FIGURE 4.16 AVERAGE CALCIUM CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.17 AVERAGE IRON CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.18 AVERAGE MANGANESE CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.19 AVERAGE SODIUM CONCENTRATION CONTOURS – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

LIST OF FIGURES
(Following Text)

FIGURE 4.20 SULFATE CONCENTRATION – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 4.21 CHLORIDE CONCENTRATION – DEC. 2010 TO JUNE 2011 – UPPER AQUIFER

FIGURE 5.1 GROUNDWATER MONITORING PROGRAM

LIST OF TABLES
(Following Text)

TABLE 2.1 MONITORING WELL STATUS

TABLE 2.2 INTERIM GROUNDWATER MONITORING PROGRAM

TABLE 2.3 INTERIM GROUNDWATER MONITORING PROGRAM PARAMETER LIST

TABLE 4.1 GROUNDWATER ANALYTICAL RESULTS SUMMARY – VOCs

TABLE 4.2 GROUNDWATER ANALYTICAL RESULTS SUMMARY – SVOCs

TABLE 4.3 GROUNDWATER ANALYTICAL RESULTS SUMMARY – METALS – UPPER AQUIFER

TABLE 4.4 GROUNDWATER ANALYTICAL RESULTS SUMMARY – METALS – INTERMEDIATE AQUIFER

TABLE 4.5 GROUNDWATER ANALYTICAL RESULTS SUMMARY – METALS – LOWER AQUIFER

TABLE 5.1 GROUNDWATER MONITORING PROGRAM

TABLE 5.2 GROUNDWATER MONITORING PROGRAM PARAMETER LIST

LIST OF APPENDICES

APPENDIX A	e:DAT (ELECTRONIC DATA ACCESS TOOL)
APPENDIX B	TABLE OF ANALYTICAL RESULTS
APPENDIX C	LABORATORY REPORTS AND DATA VALIDATION MEMORANDA
APPENDIX D	GROUNDWATER SAMPLING STABILIZATION PARAMETERS

1.0 INTRODUCTION

1.1 PURPOSE

This Annual Groundwater Monitoring Report presents the results of routine groundwater monitoring completed in 2010 and 2011 at the Himco Site (Site), located in Elkhart, Indiana. Conestoga-Rovers & Associates (CRA) has prepared this report on behalf of the Performing Settling Defendants (PSDs), collectively known as the Himco Site Trust.

The Himco Site is a National Priorities List (NPL) site that is being remediated pursuant to a Consent Decree (Civil Action No. 2:07cv304 (TS)) (CD). The Statement of Work (SOW), included as Appendix B of the CD, specified the Remedial Action (RA) requirements for the Site. The SOW requires groundwater investigations to the east and southeast of the Himco Site and the implementation of a Groundwater Monitoring Program (GMP). CRA prepared a Remedial Design Work Plan on behalf of the PSDs that combined the East and Southeast Groundwater Investigations and the GMP into a three-phase groundwater investigation that built incrementally to address the groundwater investigation and monitoring requirements of the SOW.

CRA completed quarterly groundwater monitoring between 2008 and 2010. The results of previous monitoring rounds were documented by CRA in a series of reports previously submitted to the United States Environmental Protection Agency (USEPA) and the Indiana Department of Environmental Management (IDEM). In accordance with the Interim Groundwater Monitoring Program Report (CRA, 2011) approved by USEPA on August 31, 2011, the GMP currently includes semi-annual groundwater monitoring, with annual reporting each fall.

1.2 BACKGROUND

The Site is a closed, unlicensed landfill located at the intersection of County Road 10 and the John Weaver Parkway (formerly Nappanee Street Extension) in Cleveland Township, Elkhart County, Indiana. The Site is approximately 60 acres in size, and accepted waste such as household refuse, construction rubble, medical waste, and calcium sulfate between 1960 and 1976. The landfill was closed in 1976.

Figure 1.1 shows the Site location. Figure 1.2 shows the layout of the Site, including property boundaries.

The Site consists of two major areas: the landfill, and the 4-acre construction debris area (CDA), located on the northern portion of seven residential properties and one commercial property that front onto County Road 10. In 2011, the PSDs the relocated CDA waste to the landfill, and commenced installation of a soil cover over the landfill.

The Site was proposed for the NPL in 1988 and was placed on the NPL in 1990. The Remedial Design/Remedial Action (RD/RA) is being conducted pursuant to the CD, which became effective on November 27, 2007. The lead Agency for the Site is the USEPA Region 5. IDEM is the support Agency.

1.3 PREVIOUS INVESTIGATIVE ACTIVITIES

Section II, Paragraph 4.3 of the SOW describes the requirements for the groundwater investigation east and southeast of the Site. The purpose of the investigation is to delineate the contaminant plume emanating from the Site that may potentially be impacting the adjacent aquifer and water supply wells.

CRA completed the Phase I Groundwater Investigation in 2008 and 2009. The Phase I Groundwater Investigation consisted of:

- Historic data compilation
- Existing monitoring well reconnaissance and survey
- Baseline groundwater monitoring
- Phase I vertical aquifer sampling (VAS)
- The Interim Groundwater Monitoring Program

The Phase I Groundwater Investigation VAS focused on the southern and eastern edges of the landfill and downgradient areas to the south, southeast and east, and was limited to 150 feet in depth. CRA submitted the Phase I Groundwater Investigation Report to the USEPA in May 2009. USEPA provided comments on the Phase I Groundwater Investigation Report in a letter dated August 12, 2009. CRA responded to these comments in a letter dated October 20, 2009 and USEPA approved the recommendations for the Phase II Groundwater Investigation in a letter dated December 23, 2009.

The Phase II Groundwater Investigation consisted of the following tasks:

- Additional VAS
- New monitoring well installation

Monitoring wells were installed at the Phase I VAS locations during the Phase II Groundwater Investigation. The VAS portion of the Phase II Groundwater Investigation focused on the southeast corner of the Site and downgradient to the south east. The target depth of some of the Phase II VAS boreholes was bedrock, to investigate hydrogeologic conditions beneath the bottom depth of the Phase I VAS. The results of the Phase II Groundwater Investigation refined the horizontal and vertical delineation of impacted groundwater in the vicinity of the Site and improved the definition of background groundwater quality. The Himco Site Trust completed the Phase II Groundwater Investigation in May and June 2010. CRA submitted the Phase II Groundwater Investigation Report to the USEPA in October 2010. USEPA provided comments on the Phase II Groundwater Investigation Report in a letter dated January 25, 2011. CRA responded to these comments in a letter dated February 23, 2011.

CRA submitted the Interim Groundwater Monitoring Program Report to USEPA in May 2011. The Interim Groundwater Monitoring Program Report summarized the results of the Interim Groundwater Monitoring Program after 2 years of sampling (eight quarterly events), and provided recommendations for the scope and frequency of future groundwater monitoring to be included in the GMP. USEPA provided comments on the Interim Groundwater Monitoring Program Report in a letter dated June 23, 2011 and CRA responded to these comments in a letter dated August 12, 2011. USEPA approved the revised Interim Groundwater Monitoring Program Report in a letter dated August 31, 2011.

The Phase III Groundwater Investigation consisted of installing new monitoring wells that completed the monitoring well network. The Himco Site Trust completed the Phase III Groundwater Investigation in February and March 2011. CRA submitted the Phase III Groundwater Investigation Report to the USEPA in July 2011. USEPA has not yet provided comments on the Phase III Groundwater Investigation Report.

CRA completed a Baseline Groundwater Sampling round from October 28, 2008 through November 6, 2008 and on November 18 and 19, 2008. The purpose of this sampling was to determine if the monitoring wells were capable of providing representative groundwater samples and to establish baseline groundwater quality conditions. The Baseline Groundwater Sampling round represents the first routine quarterly groundwater quality monitoring round (Q1).

CRA completed the initial round of the Interim Groundwater Monitoring Program in February 2009. The following are the dates of the Interim Monitoring Program sampling events CRA has completed at the Site to date:

- Interim Groundwater Monitoring Program (Q2) – February 9 to February 19, 2009
- Interim Groundwater Monitoring Program (Q3) – April 29 to May 6, 2009
- Interim Groundwater Monitoring Program (Q4) – August 4 to August 18, 2009
- Interim Groundwater Monitoring Program (Q5) – November 3 to November 11, 2009
- Interim Groundwater Monitoring Program (Q6) – February 23 to March 4, 2010
- Interim Groundwater Monitoring Program (Q7) – June 15 to June 24, 2010
- Interim Groundwater Monitoring Program (Q8) – September 8 to September 15, 2010
- Interim Groundwater Monitoring Program (Q9) – December 7 to December 14, 2010
- Interim Groundwater Monitoring Program (Q10) – March 8 to March 17, 2011
- Interim Groundwater Monitoring Program (Q11) – June 14 to June 24, 2011

The primary goal of the Interim Groundwater Monitoring Program is to characterize the nature and extent of groundwater contamination beneath the Site. The Interim Groundwater Monitoring Program was completed on a quarterly basis between November 2008 and June 2011. CRA provided the results of the Interim Groundwater Monitoring Program to the USEPA in the following submissions:

- Q1 and Q2 - The Phase I Groundwater Investigation Report (CRA, May 2009)
- Q3 through Q6 - Himco Annual Groundwater Monitoring Report (CRA, July 2010)
- Q7 - The Phase II Groundwater Investigation Report (CRA, October 2010)
- Q8 - Interim Groundwater Monitoring Program Report (CRA, April 2011)

The results of the Q9, Q10, and Q11 monitoring are provided in this report.

CRA also evaluated trends in the groundwater quality data and calculated background concentrations for metals and general chemistry parameters. The Himco Annual Groundwater Monitoring Report (CRA, 2010) includes statistical evaluations of the trends in groundwater quality data based on Q1 through Q6 results.

The Himco Site Trust did not have access to the background monitoring wells (WT102A, WT102B, and WT102C) and four of the monitoring wells along the northern Site boundary (WT112A, WT112B, WT113A, and WT113B) in December 2010 and June 2011 of the Interim Groundwater Monitoring Program. As USEPA is aware, the property owner (D&J Realty) denied the PSDs access to these wells as of June 2010. The Himco Site Trust and D&J Realty entered into a new access agreement on September 7, 2011

which provides the PSDs access to the D&J Realty wells for 10 years or until USEPA permits the cessation of groundwater monitoring at the Site.

CRA has uploaded the Himco environmental monitoring database into an in-house software tool called e:DAT (electronic data access tool). The e:DAT for this Site can also be used to access aerial imagery, stratigraphic logs and any relevant well construction diagrams. Appendix A includes a copy of the e:DAT.

1.4 REPORT ORGANIZATION

This report is organized as follows:

- Section 2.0 describes the scope of the routine groundwater monitoring activities completed at the Site
- Section 3.0 describes Site conceptual hydrogeologic model and the groundwater flow regime, and presents hydraulic monitoring data
- Section 4.0 discusses groundwater quality monitoring results
- Section 5.0 presents conclusions and future routine groundwater monitoring activities

2.0 GROUNDWATER MONITORING PROGRAM SCOPE

2.1 GROUNDWATER ELEVATION MONITORING

During this reporting period, CRA completed quarterly groundwater elevation monitoring rounds on December 6, 2010 (Q9), March 7, 2011 (Q10), and June 13, 2011 (Q11). Data collected prior to December 2010 are discussed in previous reports. Section 3.0 provides the results of the groundwater elevation monitoring.

2.2 GROUNDWATER QUALITY MONITORING

Table 2.1 summarizes the status and construction details of the monitoring wells installed in the vicinity of the Site since 1990. Table 2.2 lists the monitoring wells included in the Interim Monitoring Program as of June 2011 and Figure 2.1 shows their locations.

During this reporting period, CRA sampled the wells listed in Table 2.1 in December 2010 (Q9), March 2010 (Q10), and June 2011 (Q11). Table 2.3 provides the groundwater monitoring parameter list. The parameter list included Target Compound List (TCL) semi-volatile organic compounds (SVOCs), TCL volatile organic compounds (VOCs), Target Analyte List (TAL) metals and selected general chemistry parameters. TestAmerica Laboratories Inc. of North Canton, Ohio analyzed the groundwater samples. Analytical results are compiled in Appendix B. Laboratory reports and data validation memoranda are provided in Appendix C. CRA validated the groundwater analytical data in accordance with the Quality Assurance Project Plan (QAPP) included in the Remedial Design Work Plan (CRA, November 2008). Stabilization parameters measured during groundwater sampling are summarized in Appendix D.

3.0 HYDROGEOLOGY

3.1 SITE HYDROGEOLOGY

Figure 3.1 provides a schematic of the Site conceptual hydrogeological model. There are five principal hydrostratigraphic units beneath the Site. They are, in descending order:

- The Upper Aquifer
- The Intermediate Aquifer
- The Unnamed Silt/Clay Layer
- The Lower Aquifer
- The Bedrock

CRA conceptualizes the Upper and Intermediate Aquifers beneath the Site as one sand aquifer with silt/clay aquitard materials occasionally interspersed. The Intermediate Aquifer is generally more fine-grained than the overlying Upper Aquifer and it contains discontinuous zones of silt and clay.

The Unnamed Silt/Clay Layer underlies the Intermediate Aquifer. It does not behave as a confining layer.

The sand and gravel Lower Aquifer is beneath the Unnamed Silt Clay layer. The elevation of the Bedrock surface beneath the Site is variable, and therefore, so is the thickness of the Lower Aquifer, but it ranges up to 300 feet thick in the bedrock valley beneath the western portion of the Site.

3.2 GROUNDWATER ELEVATION MONITORING

CRA has completed three groundwater elevation monitoring rounds during this reporting period. These three monitoring rounds were completed on:

- Q9 – December 6, 2010
- Q10 – March 7, 2011
- Q11 – June 13, 2011

Most of the Phase III monitoring wells were installed in February 2011 and were included in the March 7, 2011 monitoring round. Phase III Lower Aquifer monitoring

well WT106C was installed on March 30, 2011 and was included in the June 7, 2011 monitoring round. CRA has selected the June 7, 2011 monitoring round for discussion purposes due to the similarity in the groundwater flow pattern during different monitoring rounds and because the June 7, 2011 monitoring round included all the Phase III monitoring wells.

Figure 3.2, Figure 3.3, and Figure 3.4 present groundwater elevation contours derived from groundwater elevation data collected on June 7, 2011 for the Upper Aquifer, Intermediate Aquifer and Lower Aquifer, respectively. The depth to groundwater in the vicinity of the Site is relatively shallow, ranging from less than 10 feet to 25 feet with typical depths ranging from 10 to 15 feet. The elevation of groundwater in the vicinity of the Site ranges from 760 to 745 feet above mean sea level (AMSL).

Figure 3.2 shows that groundwater in the Upper Aquifer typically flows in a southerly direction. Overall groundwater flow is to the south, consistent with the regional groundwater flow pattern. Superimposed on the regional flow are local features. For example, the groundwater elevation in monitoring well WT116A fluctuates and is occasionally on the order of 3 feet higher than nearby monitoring wells. There is a groundwater flow divide in the vicinity of WT116A, with shallow groundwater west of WT116A flowing south to southwest and groundwater to the east of WT116A flowing south to southeast. South of the Site, groundwater in the Upper Aquifer flows south. The horizontal hydraulic gradient across the Site ranged from 0.001 to 0.007 feet/feet in the Upper Aquifer in June 2011.

As shown on Figure 3.3, groundwater in the Intermediate Aquifer typically flowed in a southerly direction in June 2011, consistent with the regional groundwater flow pattern. Prior to the installation of the Phase II and Phase III monitoring wells, most of the monitoring wells in the Intermediate Aquifer straddled the southern Site boundary, with most of the remaining wells located on the northern Site boundary. As a result, there were insufficient data to determine the groundwater flow direction in the Intermediate Aquifer immediately east of the Site. The Phase II monitoring wells, installed in May 2010 and February 2011, have addressed this data gap. East and southeast of the southeast corner of the Site, groundwater in the Intermediate Aquifer flows south. The horizontal hydraulic gradient in the Intermediate Aquifer ranged from 0.0009 to 0.002 feet/feet in June 2011.

Figure 3.4 presents the results from the June 7, 2011 groundwater elevation monitoring for the Lower Aquifer. These data indicate a south-southeasterly groundwater flow direction in the Lower Aquifer, consistent with the regional groundwater flow pattern. The horizontal hydraulic gradient in the Lower Aquifer ranged from 0.0008 feet/feet to

0.009 feet/feet in June 2011. There is a sharp increase in the horizontal hydraulic gradient in the Lower Aquifer between the wells in the southeast corner of the Site and WT106C, located south of the southeast corner of the Site. WT101C and WTE3 were installed near the top of the Lower Aquifer (approximately 590 feet AMSL) in a sequence of silt and sand interbeds. This sequence of interbeded sands and silts is absent at WT106C and instead there is a 40-foot thick layer of silt. The top of the Lower Aquifer is much lower, at WT106C (approximately 570 feet AMSL) and WT106C was also installed deeper, at approximately 550 feet AMSL.

Figure 3.5 presents the vertical gradients between the hydrostratigraphic units as measured on June 13, 2011. There is generally an upward gradient across all units on the Site, ranging from approximately 0.0006 feet/feet to 0.0202 feet/feet. Occasional slight downward gradients were observed in monitoring wells nests located in the southeast corner of the Site and at monitoring well nest WT106, located south of the Site.

4.0 GROUNDWATER QUALITY MONITORING

4.1 INTRODUCTION

This section of the Annual Groundwater Monitoring Report describes the groundwater quality in the vicinity of the Site and discusses the nature and extent of groundwater contamination emanating from the Site.

This report presents groundwater quality monitoring data for three quarterly monitoring events, Q9 through Q11, as follows:

- Interim Groundwater Monitoring Program (Q9) – December 7 to December 14, 2010
- Interim Groundwater Monitoring Program (Q10) – March 8 to March 17, 2011
- Interim Groundwater Monitoring Program (Q11) – June 14 to June 24, 2011

In a letter dated August 31, 2011, USEPA approved the following analytes for future routine groundwater quality monitoring at the Site:

VOCs

- Benzene
- Vinyl chloride
- 1,1-Dichloroethane (1,1-DCA)
- cis-1,2-Dichloroethene (cis-1,2-DCE)
- Carbon disulfide

SVOCs

- Bis(2-ethylhexyl)phthalate

Metals

- Aluminum
- Arsenic
- Barium
- Beryllium
- Calcium
- Iron
- Lead
- Manganese

- Mercury
- Sodium

General Chemistry

- Sulfate
- Chloride

CRA has selected these analytes for discussion purposes as they will form the basis of the ongoing groundwater quality monitoring program in the vicinity of the Site.

4.2 VOLATILE ORGANIC COMPOUNDS

CRA collected 128 groundwater samples from 48 monitoring wells between September 2010 and June 2011, and analyzed them for VOCs. Table 4.1 summarizes the VOCs detected in groundwater samples collected since September 2010.

Benzene was the only VOC detected in routine groundwater monitoring samples at concentrations that were greater than its Primary Maximum Contaminant Level (MCL) (5 micrograms per liter [µg/L]). The other four VOCs on the future GMP parameter list were detected at the following frequencies:

- 1,1-DCA = 35.9 percent
- cis-1,2-DCE = 23.4 percent
- Vinyl chloride = 18.8 percent
- Carbon disulfide = 35.2 percent

CRA has provided iso-concentration contour maps (contour maps) for groundwater quality data. CRA created the contours using SURFER version 8 software. SURFER interpolates the groundwater quality data into a uniform grid and then draws contours. Where a compound was not detected, CRA used 10 percent of the detection limit as the value for drawing the contours. Where estimated concentrations (qualified with "J") were reported at concentrations less than the reporting detection limit, CRA used a value of 0.1 µg/L for non-detect concentrations.

The following is a summary of the frequency of detection of the VOCs in each aquifer for the December 2010 through June 2011 groundwater quality monitoring results:

	Number of Detection /Number of Samples		
	Upper Aquifer	***Intermediate Aquifer***	***Lower Aquifer***
Benzene	17/48	3/65	0/15
1,1-DCA	25/48	21/65	0/15
cis-1,2-DCE	18/48	12/65	0/15
Vinyl chloride	7/48	13/65	4/15
Carbon disulfide	6/48	29/65	8/15

When a VOC was not detected in a given aquifer, CRA did not prepare a contour map. For example, benzene was not detected in groundwater samples from the Lower Aquifer monitoring wells, so CRA did not prepare a contour map. When a VOC or SVOC was detected in a given aquifer, CRA set the lowest contour value equal to the laboratory reporting detection limit (RDL). Some VOCs and SVOCs were not detected in any samples at concentrations greater than their RDLs. In these cases, such as benzene in the Intermediate Aquifer, CRA posted the results on the drawing but did not generate contour lines.

4.2.1 BENZENE

As shown in Table 4.1, benzene was detected in 20 of 128 groundwater samples collected from the monitoring well network, or 15.6 percent of the monitoring well samples. The detected concentrations of benzene ranged from 0.18 J µg/L to 30 µg/L. Figure 4.1 and Figure 4.2 show routine groundwater quality monitoring results for benzene, for Q9, Q10, and Q11 in the Upper and Intermediate Aquifers, respectively.

The concentration of benzene was greater than the Primary MCL of 5 µg/L in three of the routine groundwater monitoring samples; collected in Q9, Q10, Q11 one collected from Upper Aquifer monitoring well WT115A and two collected from Upper Aquifer monitoring well WT115B. As shown on Figure 4.1, monitoring wells WT115A and WT115B are Upper Aquifer monitoring wells located in the southeast corner of the landfill, near the limit of waste. The historic benzene results for routine groundwater monitoring samples collected from WT115A, WT115B, and WT115C were as follows:

Benzene Concentration - WT115A/B/C (µg/L)

Date	***WT115A***	***WT115B***	***WT115C***
11/6/2008	5.7/9.3	*Not Installed*	*Not Installed*
2/12/2009	12	*Not Installed*	*Not Installed*
5/6/2009	1.0 U/0.43 J	*Not Installed*	*Not Installed*
8/5/2009	9.9	*Not Installed*	*Not Installed*
11/6/2009	12/12	*Not Installed*	*Not Installed*
3/2/2010	9.8	*Not Installed*	*Not Installed*
6/17/2011	0.69 J	*Not Installed*	*Not Installed*
9/15/2010	10	*Not Installed*	*Not Installed*
12/13/2010	16	*Not Installed*	*Not Installed*
3/11/2011	3.6	30	1.0 U
6/22/2011	1.0 U	29	1.0 U

Notes:

5.7/9.3 Duplicate sample result
J Estimated concentration
U Non-detect at the associated value

Phase III monitoring wells WT115B and WT115C were in installed in the Upper and Intermediate Aquifers, respectively, to delineate the benzene detected in samples from WT115A in the Upper Aquifer. The detections of benzene in samples from WT115B represent the maximum concentrations of benzene in the Upper Aquifer while the data from Intermediate Aquifer monitoring well WT115C provide vertical delineation of the Upper Aquifer benzene plume.

Benzene was also detected in routine groundwater monitoring samples collected from seven other monitoring wells during the Q9 through Q11 groundwater quality monitoring rounds, as follows:

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT101A	3/3	2.0 - 3.0
WT106A	1/3	1.0 U – 0.18 J
WT111A	1/3	1.0 U – 0.72 J
WT116A	3/3	0.50 J – 1.4
WT117B	3/3	0.49 J – 0.59 J
WT117C	3/3	0.55 U – 0.87 J
WT122A	2/2	0.48 J – 0.53 J

Notes:

J Estimated concentration
U Non-detect at the associated value

As shown on Figures 4.1 and 4.2, these monitoring well are located along the southern limit of waste or, in the case of WT106A, south of the southeast corner of the Site. Six of the seven wells are in the Upper Aquifer and WT117B is in the Intermediate Aquifer. Benzene was not detected (RDL=1.0 µg/L) in any groundwater samples collected from Lower Aquifer monitoring wells during Q9, Q10, or Q11.

The pattern of widespread, low concentrations of benzene along the southern edge of the landfill is consistent with a relatively weak, local source of benzene somewhere in the vicinity of WT115A and WT115B. The Q9, Q10, and Q11 benzene results are typical of previous monitoring results for the Site.

4.2.2 1,1-DICHLOROETHANE (1,1-DCA)

As summarized in Table 4.1, 1,1-DCA was detected in 46 of 128 routine groundwater samples collected from the monitoring well network, or 35.9 percent of the samples. The positive detections of 1,1-DCA ranged from 0.47 J µg/L to 7.2 µg/L. There is no MCL for 1,1-DCA. USEPA has requested that the Himco Site Trust compare 1,1-DCA results to the calculated Tapwater Regional Screening Level (RSL) of 240 µg/L, which is based on an excess cancer risk of 1×10^{-5}.

1,1-DCA was detected in groundwater quality monitoring samples collected from the following monitoring wells during Q9, Q10, and Q11:

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT101A	3/3	4.7 – 4.8
WT101B	3/3	0.47 J – 0.63 J
WT101D	3/3	2.7 – 4.0
WT101E	3/3	1.8 – 3.4
WT106A	3/3	1.3 – 1.5
WT111A	3/3	3.1– 5.2
WT114B	3/3	1.5 – 1.8
WT114C	4/4	4.1 – 4.5
WT115A	2/3	1.0 U – 4.8
WT115B	2/2	6.5 – 7.2 J
WT115C	2/2	3.5 – 3.2
WT116A	3/3	1.8 – 6.1
WT117A	2/3	1.0 U – 5.2
WT117B	3/3	2.7 – 2.9
WT117C	3/3	4.3 – 5.4
WT121A	2/2	1.9 – 2.2
WT122A	2/2	4.4 – 5.3

Notes:

J Estimated concentration
U Non-detect at the associated value

As shown on Figures 4.3 and 4.4, 1,1-DCA was detected in groundwater samples collected during the reporting period from Upper and Intermediate Aquifer monitoring wells located along the southern Site boundary. 1,1-DCA was also detected in groundwater samples collected from Upper Aquifer monitoring wells WT106A and WT121A, located south of the Site. The detected concentrations were significantly less than the calculated Tapwater RSL of 240 µg/L. 1,1-DCA was also detected in Intermediate Aquifer monitoring well WT114C and WT114D, located east of the Site. 1,1-DCA was not detected in groundwater samples collected from Intermediate Aquifer Monitoring wells WT120A and WT120B which are located further east and delineate the limit of 1,1-DCA in the eastern Intermediate Aquifer.

1,1-DCA was not detected (RDL=1.0 µg/L) in groundwater samples collected from any of the Lower Aquifer monitoring wells during this reporting period.

Consistent with previous 1,1-DCA monitoring data and reports, the pattern of widespread, low-concentration 1,1-DCA detections is not consistent with a distinct, high-concentration VOC source. The distribution of 1,1-DCA in groundwater at the Site is more consistent with residual contamination undergoing degradation in the absence of ongoing contaminant loading.

4.2.3 CIS-1,2-DICHLOROETHENE (CIS-1,2-DCE)

cis-1,2-DCE was detected in 30 of 128 routine groundwater samples collected from the during the reporting period, or 23.4 percent of the samples. The range of detected concentrations was from 0.18 J µg/L to 2.4 µg/L. None of these concentrations were greater than the Primary MCL of 70 µg/L for cis-1,2-DCE.

The distribution of cis-1,2-DCE is similar to the distribution of 1,1-DCA. cis-1,2-DCE was detected in groundwater samples from the following wells:

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT101A	2/3	1.0 U – 0.38 J
WT101D	2/3	1.0 U – 0.43 J
WT101E	2/3	1.0 U – 0.27 J
WT106A	2/3	1.0 U – 0.58 J
WT111A	2/3	1.0 U – 0.76 J
WT114B	3/3	0.46 J – 0.50 J
WT115A	1/3	1.0 U – 0.41 J
WT115B	1/2	10 U – 2.4
WT115C	1/2	1.0 U – 0.36 J
WT116A	3/3	0.32 J – 0.63 J
WT116B	2/3	1.0 U – 0.24 J
WT117B	2/3	1.0 U – 0.27 J
WT117C	3/3	0.69 J – 1.0
WT121A	2/2	0.86 J – 0.91 J

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT122A	2/2	0.94 J – 0.97 J

Notes:

J Estimated concentration
U Non-detect at the associated value

As shown on Figure 4.5 and Figure 4.6, cis-1,2-DCE was detected in groundwater samples collected from the Upper and Intermediate Aquifer monitoring wells located along the southern Site boundary. cis-1,2-DCE was not detected (RDL=1.0 µg/L) in groundwater samples collected from Upper Aquifer monitoring wells south of the Site at WT104A and WT105A, but it was detected in the groundwater sample collected from WT106A and WT121A, located southeast of the Site, at concentrations less than the RDL of 1 µg/L. cis-1,2-DCE was also detected east of the Site in groundwater samples collected from Intermediate Aquifer monitoring well WT114B, but not in samples from Intermediate Aquifer monitoring wells WT120A and WT120B, located further east of the Site.

cis-1,2-DCE was not detected (RDL=1.0 µg/L) in groundwater samples collected from Lower Aquifer monitoring wells.

In general, the distribution of cis-1,2-DCE in groundwater in the vicinity of the Site during the Q9, Q10, and Q11 monitoring events was consistent with previous monitoring results. The pattern of widespread, low-concentration cis-1,2-DCE detections is consistent with residual contamination undergoing degradation in the absence of ongoing contaminant loading.

4.2.4 VINYL CHLORIDE

Between September 2010 and June 2011, vinyl chloride was detected in 24 of 128 groundwater samples collected from the monitoring well network, or 18.8 percent of the samples. When vinyl chloride was detected, its concentration ranged from 0.24 J µg/L to 1.5 µg/L, as follows:

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT106B	1/3	1.0 U – 0.83 J

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT111A	1/3	1.0 U – 0.33 J
WT115A	1/3	1.0 U – 0.53 J
WT115C	1/2	1.0 U – 0.40 J
WT116B	2/3	1.0 U – 0.48 J
WT117C	3/3	1.4 – 1.5
WT118B	3/4	1.0 U – 0.46 J
WT121B	2/2	0.69 J – 0.79 J
WT122A	2/2	0.63 J – 0.78 J
WT122B	1/2	1.0 U – 0.34 J
WT122C	1/3	1.0 U – 0.24 J
WTB4	3/3	0.44 J – 1.3
WTE1	2/3	1.0 U – 0.27 J
WTE3	1/3	1.0 U – 0.25 J

Notes:

J Estimated concentration
U Non-detect at the associated value

None of these concentrations was greater than the Primary MCL of 2 µg/L for vinyl chloride. As shown on Figure 4.7, vinyl chloride was detected in groundwater samples collected from Upper Aquifer monitoring wells located along the southern limit of waste or between the limit of waste and the southern Site boundary. With the exception of monitoring well WT122A, vinyl chloride was not detected in any groundwater samples collected from Upper Aquifer monitoring wells located south and east of the Site.

Figure 4.8 shows vinyl chloride results for the Intermediate Aquifer for Q9, Q10, and Q11. The concentrations of vinyl chloride detected in Intermediate Aquifer groundwater samples were all less than the RDL of 1 µg/L.

Figure 4.9 shows vinyl chloride results for the Lower Aquifer for Q9, Q10, and Q11. Vinyl chloride was detected in Lower Aquifer monitoring well WTB4 located along the northern Site boundary. During the Q1 through Q8 groundwater quality monitoring rounds vinyl chloride was occasionally detected in the samples collected from this well and from Lower Aquifer monitoring well WTB1.

Vinyl chloride is produced in reducing environments by the degradation of chlorinated organic compounds such as trichloroethylene (TCE). The distribution of vinyl chloride

in groundwater in the vicinity of the Site during the Q9, Q10, and Q11 monitoring rounds is consistent with previous routine monitoring results and with residual contamination undergoing degradation in the absence of ongoing source of VOC contaminants.

4.2.5 CARBON DISULFIDE

Carbon disulfide was detected in 45 of 128 routine groundwater monitoring samples collected during the reporting period, or 35.2 percent of the samples. The detected concentrations of carbon disulfide ranged from 0.14 J µg/L to 8.9 µg/L. There is no Primary MCL for carbon disulfide. USEPA has requested that the Himco Site Trust compare carbon disulfide results to the calculated Tapwater RSL of 10,000 µg/L, which is based on an excess cancer risk of 1×10^{-5}.

Carbon disulfide was detected in groundwater samples from the following wells:

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT101B	3/3	0.78 J – 8.9
WT101D	2/3	1.0 U – 1.3
WT101E	3/3	0.40 J – 1.8
WT102B	2/2	0.36 J – 0.39 J
WT102C	1/1	0.28 J
WT103A	2/3	1.0 U – 0.47 J
WT106B	3/3	0.27 J – 1.8
WT106C	1/3	1.0 U – 1.4
WT114B	1/3	1.0 U – 0.32 J
WT114C	2/4	1.0 U – 0.31 J
WT115B	1/2	2.0 U – 3.3 J
WT115C	1/2	1.0 U – 0.31 J
WT117B	1/3	1.0 U – 0.79 J
WT117C	2/3	1.0 U – 0.56 J
WT117D	1/3	1.0 U – 0.24 J
WT118B	1/3	1.0 U – 0.33 J
WT120A	1/3	1.0 U – 0.30 J
WT120B	2/3	1.0 U – 0.41 J
WT121A	1/2	1.0 U – 0.19 J
WT121B	1/2	1.0 U – 0.61 J

Well	*Number of Detections/Number of Samples*	*Range of Concentrations (µg/L)*
WT122A	1/2	1.0 U – 0.16 J
WTB3	2/3	1.0 U – 1.1
WTB4	3/3	0.83 J – 2.3
WTE1	3/3	1.1 – 3.1
WTE3	3/3	0.60 J – 3.3
WTO4	1/3	1.0 – 2.9 J

Notes:

J Estimated concentration
U Non-detect at the associated value

The detections of carbon disulfide in groundwater samples during the reporting period are all significantly less than the Tapwater RSL. Similar to vinyl chloride, the degradation of chlorinated organic compounds may produce carbon disulfide. As shown on Figure 4.10, Figure 4.11, and Figure 4.12, the distribution of carbon disulfide is similar to the distribution of vinyl chloride and is consistent with residual contamination undergoing degradation.

4.3 SEMI-VOLATILE ORGANIC COMPOUNDS

CRA collected and analyzed the Q9, Q10, Q11 samples for SVOCs. Bis(2-ethylhexyl)phthalate is the only SVOC parameter that USEPA is requiring the PDSs to continue monitoring.

Bis(2-Ethylhexyl)phthalate was detected in 8 of 128 groundwater samples collected from the monitoring well network during the reporting period, or 6.3 percent of the samples. Figures 4.13 and 4.14 show bis(2-ethylhexyl)phthalate concentrations in the Q9, Q10, and Q11 groundwater samples from Upper and Intermediate Aquifers, respectively. The concentration of bis(2-ethylhexyl)phthalate in the groundwater samples ranged from 0.8 J µg/L to 1.2 µg/L, all of which are less than the Primary MCL of 6 µg/L.

Bis(2-ethylhexyl)phthalate typically been detected in groundwater samples that are widely dispersed across the Site, both laterally and vertically, and typically at low concentrations. This is not the pattern that a distinct, high concentration source of SVOCs would create, indicating that there is not a plume of bis(2-ethylhexyl)phthalate emanating from the landfill. In fact, the presence of bis(2-Ethylhexyl)phthalate at relatively large distances both upgradient and downgradient of the Site suggests that the

detected values in groundwater samples from the Site may not be completely, if at all, attributable to Site activities.

4.4 METALS AND GENERAL CHEMISTRY ANALYTES

4.4.1 INTRODUCTION

CRA collected 128 groundwater samples from 48 monitoring wells during Q9, Q10, and Q11 for TAL metals and selected general chemistry analysis. Tables 4.3, 4.4, and 4.5 summarize the metals and general chemistry results for the groundwater samples collected from the Upper, Intermediate and Lower Aquifers, respectively, during the reporting period.

CRA's approach to screening organic chemicals is different than the approach to screening metals and general chemistry parameters because organic chemicals are typically the result of waste disposal activities while metals and general chemistry parameters also occur naturally in groundwater. Also, two of the contaminants of concern (CoCs), iron and calcium, are mineral nutrients and drinking water can provide a viable fraction of the total recommended daily intake from these nutrients.

CRA analyzed groundwater samples collected from monitoring wells WT102A, WT102B, and WT102C for metals and general chemistry parameters. These wells are located approximately 1,260 feet north of and upgradient of the Site. The 2010 Himco Annual Groundwater Monitoring Report (CRA, 2010) included a statistical analysis of these data to determine background concentrations to compare with concentrations measured at other locations at the Site. Tables 4.3, 4.4, and 4.5 summarize the background values (BVs) for metals parameters for the Upper, Intermediate, and Lower Aquifers, respectively.

The CD states that the Remedial Action Objectives for groundwater (GW RAOs) are to prevent the use of groundwater that contains Site-related carcinogens and non-carcinogens in excess of MCLs. The CD also states that the GW RAOs are:

> *To prevent the use of groundwater which contains site-related sodium, calcium, and iron in excess of their upper intake limit or recommended dietary allowances for sensitive populations.*

Initially CRA screened the metals data against the Primary MCLs. There are no Primary MCLs for sodium, calcium and iron. There are Secondary MCLs for sodium

(250 micrograms per liter [mg/L]) and iron (0.3 mg/L), but these are aesthetic criteria and are not health based. There is a health-based RSL Tapwater for iron of 26 mg/L. The RDA for calcium is 250 mg/L. In order to establish appropriate GW RAOs, CRA ranked these criteria as follows:

1. Primary MCLs
2. RSL Tapwater
3. Recommended Dietary Allowance (RDA)
4. Secondary MCLs

For example, there is no Primary MCL for iron, so the next level of criteria is the health based RSL Tapwater of 26 mg/L. There is no Primary MCL, RSL Tapwater or RDA for sulfate. Therefore, the best available criterion is the Secondary MCL of 250 mg/L.

The concentrations of the following parameters exceeded the metals and general chemistry GW RAOs:

	Number of Exceedances of GW RAOs/Number of Samples		
	Upper Aquifer	***Intermediate Aquifer***	***Lower Aquifer***
Aluminum	0/48	0/65	0/15
Arsenic	0/48	12/65	0/15
Barium	0/48	0/65	0/15
Beryllium	0/48	0/65	0/15
Calcium	10/48	0/65	0/15
Iron	2/48	0/65	0/15
Lead	0/48	0/65	0/15
Manganese	5/48	0/65	0/15
Mercury	0/48	0/65	0/15
Sodium	2/48	0/65	0/15
Sulfate	1/48	0/65	0/15
Chloride	2/48	0/65	0/15

CRA selected arsenic, calcium, iron, manganese, sodium, sulfate, and chloride for discussion purposes because they are the only metals and general chemistry parameters detected at concentrations that exceeded their GW RAOs.

4.4.2 ARSENIC

Arsenic was detected in 112 of the 128 routine groundwater quality monitoring samples collected during the reporting period. Arsenic concentrations ranged from less than the RDL (1.0 µg/L) to 20 µg/L. The GW RAO for arsenic is 10 µg/L, which is equal to its Primary MCL. Arsenic is the only metal analyte detected during Q9, Q10, or Q11 monitoring rounds at concentrations that were greater than a GW RAO that is based on a Primary MCL.

Figure 4.15 shows the arsenic concentrations in groundwater samples collected from Intermediate Aquifer monitoring wells. The concentrations of arsenic exceeded the GW RAO in samples from the following Intermediate Aquifer monitoring wells:

Well	*Date*	*Arsenic Concentration (µg/L)*
WT106B	12/08/10	11.8
WT106B	03/15/11	10.2
WT106B	06/16/11	12
WT114C	12/08/10	19.2
WT114C	03/08/11	19.2/18.3
WT114C	06/17/11	20
WT121B	06/14/11	15
WTO4	12/13/10	11.9/11.9
WTO4	03/09/11	11.4
WTO4	06/21/11	13

Intermediate Aquifer monitoring wells WTO4 and WT114C are located along the eastern Site boundary and immediately east of the Site, respectively. WT106B is located south of the Site, and WT121B is located east of WT106B. The Q9, Q10, and Q11 arsenic results for these wells are generally consistent with previous results.

The maximum arsenic concentrations in groundwater samples collected during this reporting period from the Upper and Lower Aquifer monitoring wells were 8.9 µg/L and 8.3 µg/L, respectively, which are both less than the GW RAO of 10 µg/L. This is consistent with previous routine groundwater monitoring results from November 2008 through September 2010.

4.4.3 CALCIUM

Calcium was detected in all of the 128 routine groundwater quality monitoring samples collected during this reporting period. Calcium concentrations in groundwater samples ranged from 17,000 µg/L to 712,000 µg/L. The GW RAO for calcium in the Upper Aquifer is 275,000 mg/L, which is the background value. The GW RAO for calcium in the Intermediate and Lower Aquifers is 250,000 µg/L, and is equal to the RDA.

Figure 4.16 shows average calcium concentration contours for the Upper Aquifer for the reporting period. There is a plume of calcium in the Upper Aquifer defined by the GW RAO of 275,000 µg/L. Calcium concentrations in the Upper Aquifer that were greater than the GW RAO were detected in groundwater samples collected from the following monitoring wells:

Well	*Date*	*Calcium Concentration (µg/L)*
WT101A	12/14/2010	278,000
WT101A	3/9/2011	299,000
WT111A	12/9/2010	289,000
WT115A	12/13/2010	300,000
WT115B	3/11/2011	318,000
WT115B	6/22/2011	430,000
WT116A	12/10/2010	712,000
WT116A	3/14/2011	561,000
WT116A	6/22/2011	420,000
WT117C	6/14/2011	290,000

The maximum calcium concentrations in the Upper Aquifer were detected in groundwater samples collected from monitoring well WT116A, located within the limit of the waste in the south-central portion of the Site. Calcium concentrations have typically exceeded the GW RAO in groundwater samples collected from monitoring wells WT101A, WT115A, and WT115B, located in the southeast portion of the Site. Calcium concentrations occasionally exceeded the GW RAO in groundwater samples collected from monitoring wells WT111A and WT117C, located south of the southwest limit of waste.

Calcium concentrations in the Intermediate and Lower Aquifers were less than their GW RAOs.

The calcium data for the Q9, Q10, and Q11 routine groundwater quality monitoring rounds are generally consistent with previous routine groundwater monitoring results from November 2008 through September 2010.

4.4.4 IRON

Iron was detected in 123 of the 128 routine groundwater quality monitoring samples collected during the reporting period. Iron concentrations ranged from 110 µg/L to 35,100 µg/L. The GW RAO for iron is 26,000 µg/L, which is the RSL Tapwater.

Figure 4.17 shows iron concentration contours for the Upper Aquifer. There is a plume of iron in the Upper Aquifer defined by the GW RAO of 26,000 µg/L. Two of the three groundwater samples collected from Upper Aquifer monitoring well WT101A contained iron at a concentration greater than the GW RAO, as follows:

Well	*Date*	*Iron Concentration (µg/L)*
WT101A	3/9/2011	35,100
WT101A	06/23/11	29,000

WT101A is located in the southeast corner of the Site. The rest of the iron concentrations in samples collected during the reporting period from Upper Aquifer wells were less than the GW RAO of 26,000 µg/L.

The maximum iron concentrations in the Intermediate and Lower Aquifers were 6,400 µg/L and 7,670 µg/L, respectively, which are less than the GW RAO.

The iron concentrations detected during for Q9, Q10, and Q11 routine groundwater quality monitoring are consistent with previous routine groundwater monitoring results.

4.4.5 MANGANESE

Manganese was detected in 123 of the 128 routine groundwater quality monitoring samples collected during the reporting period. The concentrations of manganese in groundwater samples ranged from 1.3 µg/L to 2,210 µg/L. The GW RAO for manganese is 880 µg/L, which is its Secondary MCL.

Figure 4.18 shows the concentration of manganese in routine groundwater quality monitoring samples collected from the Upper Aquifer during the reporting period. There is a plume of manganese in the Upper Aquifer defined by the 880 µg/L contour. The samples that contained manganese at concentrations that were greater than the GW RAO were as follows:

Well	*Date*	*Manganese Concentration (µg/L)*
WT101A	12/14/2010	1,220
WT101A	3/9/2011	2,210
WT101A	6/23/2011	1,900
WT116A	6/22/2011	1,000
WT117A	3/8/2011	986

WT101A, WT116A, and WT117A are located along the southern limit of waste. All other manganese concentrations in Upper Aquifer well samples were less than the GW RAO of 880 µg/L.

The maximum manganese concentrations in the Intermediate and Lower Aquifer well samples were 550 µg/L and 771 µg/L, respectively, which are less than the GW RAO.

The manganese data for the Q9, Q10, and Q11 routine groundwater quality monitoring rounds are consistent with previous routine groundwater monitoring rounds.

4.4.6 SODIUM

Sodium was detected in all of the 128 routine groundwater quality monitoring samples collected during the reporting period. Sodium concentrations in groundwater samples ranged from 2,200 µg/L to 221,000 µg/L. The GW RAO for sodium is 150,000 µg/L, which is its RDA.

Figure 4.19 shows average sodium concentration contours for the Upper Aquifer. Only the samples from monitoring wells WT114A and WT116A contained sodium concentrations that were greater than the GW RAO, as follows:

Well	*Date*	*Sodium Concentration (µg/L)*
WT114A	12/8/2010	221,000
WT114A	3/8/2011	182,000
WT114A	6/17/2011	210,000
WT116A	12/10/2010	179,000

The sodium detected in groundwater samples from in the Upper Aquifer in the vicinity of monitoring well WT114A is cross gradient of the Site. WT114A is also located adjacent the John Weaver Parkway. The source of the sodium (and chloride) in the groundwater samples collected from WT114A is likely road salt applied to the adjacent roadway. WT116A is located along the southern limit of waste in the south central portion of the Site, and only one of the three samples collected from this well contained sodium at a concentration greater than the GW RAO.

Sodium concentrations in the Q9, Q10, and Q11 groundwater samples from the Intermediate and Lower Aquifers were less than the GW RAO.

The sodium results for the routine groundwater quality monitoring samples for this monitoring period are consistent with previous routine groundwater monitoring results.

4.4.7 SULFATE

Sulfate was detected in 125 of 128 groundwater samples collected during this reporting period. Sulfate concentrations in groundwater samples ranged from 0.24 mg/L to 1,260 mg/L. The GW RAOs for sulfate are as follows:

- Upper Aquifer - 965 mg/L (Background Value)
- Intermediate Aquifer - 450 mg/L (Background Value)
- Lower Aquifer - 250 mg/L (Secondary MCL)

Figure 4.20 shows sulfate concentration contours for the Upper Aquifer. The concentration of sulfate was greater than the GW RAO of 960 mg/L in 1 of 48 groundwater samples collected from the Upper Aquifer monitoring well network in Q9, Q10, and Q11. Sulfate was detected at a concentration of 1,260 mg/L in the groundwater sample collected from WT116A in March 2011. The highest sulfate

concentrations measured during the Q9, Q10, and Q11 routine groundwater sampling events were also detected in groundwater samples collected from WT116A.

Sulfate concentrations in the Intermediate and Lower Aquifer samples were less than the GW RAO.

The sulfate concentrations detected in samples collected during this reporting period are consistent with previous routine groundwater monitoring results from November 2008 through September 2010.

4.4.8 CHLORIDE

Chloride was detected in 125 of 128 groundwater samples collected from the monitoring well network during this reporting period. The detected concentrations of chloride ranged from 0.24 mg/L to 324 mg/L. The GW RAO for chloride in the Upper aquifer is 258 mg/L, which is the background value. The GW RAO for chloride in the Intermediate and Lower Aquifers is 250 mg/L, which is equal to its Secondary MCL.

Figure 4.21 shows chloride concentrations in Upper Aquifer groundwater samples. Two of the three samples collected from WT114A contained chloride at concentrations that were greater than the GW RAO (324 mg/L and 315 mg/L). WT114A is cross gradient of the Site and located adjacent the John Weaver Parkway. The source of the chloride (and sodium) in the groundwater samples collected from WT114A is likely road salt applied to the adjacent roadway.

The maximum chloride concentrations detected in groundwater samples from the Intermediate and Lower Aquifers were 86 mg/L and 130 mg/L, respectively, which are less than the GW RAO of 250 mg/L.

The chloride concentration in routine groundwater quality monitoring samples collected during this reporting period are consistent with previous routine groundwater monitoring results.

5.0 CONCLUSIONS

5.1 GROUNDWATER ELEVATION MONITORING

Data collected during Q9, Q10, and Q11 indicate that groundwater in the Upper, Intermediate and Lower Aquifers typically flows south to southeast, consistent with the regional groundwater flow direction and previous on-Site monitoring.

5.2 GROUNDWATER QUALITY MONITORING

5.2.1 VOCs

Benzene was the only VOC detected at concentrations greater than its Primary MCL during the reporting period. Similar to previous monitoring data, all of the benzene concentrations that were greater than the GW RAO were detected in groundwater samples collected from Upper Aquifer monitoring wells WT115A and WT115B located in the southeast corner of the landfill. The maximum benzene concentration of 30 µg/L was detected in a groundwater sample collected from Upper Aquifer monitoring well WT115B. Benzene was not detected in the two groundwater samples collected from Intermediate aquifer monitoring well WT115C, which provides vertical delineation of the WT115 benzene plume.

1,1-DCA, cis-1,2-DCE, vinyl chloride, and carbon disulfide were detected in 18.8 percent to 35.9 percent of routine groundwater quality monitoring samples collected during the reporting period. Unlike the distinct benzene plume in the vicinity of WT115A and WT115B, these other VOCs were detected at concentrations that were significantly less than their respective GW RAOs. 1,1-DCA, cis-1,2-DCE, and vinyl chloride detections were clustered along the southern Site boundary. The broad distribution of low-level VOC concentrations of degradation products is consistent with residual VOC groundwater contamination undergoing degradation.

Routine groundwater quality monitoring results for this reporting period (Q9, Q10, and Q11) are consistent with previous monitoring data for VOCs.

5.2.2 SVOCs

Bis(2-ethylhexyl)phthalate was detected in 8 of 128 groundwater samples collected from the monitoring well network, or 6.3 percent of the routine groundwater monitoring

samples collected during this reporting period. The concentrations of bis(2-ethylhexyl)phthalate in the groundwater samples ranged from 0.8 J µg/L to 1.2 µg/L, all of which is less than the Primary MCL of 6 µg/L.

The sporadic presence of bis(2-ethylhexyl)phthalate at relatively low concentrations at large distances apart, both upgradient and down-gradient of the Site, and sporadically with depth, indicate that it is not attributable to Site activities. The Q9, Q10, and Q11 groundwater quality monitoring results are consistent with previous Site monitoring data for SVOCs.

5.2.3 METALS AND GENERAL CHEMISTRY PARAMETERS

Arsenic, calcium, iron, manganese, sodium, sulfate and chloride are the only metals and general chemistry parameters detected at concentrations in groundwater samples that exceeded their GW RAOs during this reporting period.

The GW RAO for arsenic is 10 µg/L, which is equal to its Primary MCL. Arsenic is the only metal analyte detected during the Q9, Q10, and Q11 monitoring rounds at concentrations that were greater a Primary MCL. Arsenic concentrations were greater than the GW RAO in 12 of the routine groundwater monitoring samples collected during this reporting period. These samples were collected from Intermediate Aquifer monitoring wells WT106B, WT114C, WT121B, and WTO4. The maximum arsenic concentrations in groundwater samples collected from Upper and Lower Aquifer monitoring wells were 8.9 µg/L and 8.3 µg/L, respectively. Both sample concentrations were less than the GW RAO of 10 µg/L.

There is a plume of calcium in the Upper Aquifer defined by the GW RAO of 275,000 µg/L. Calcium concentrations in the Upper Aquifer that were greater than the GW RAO were detected in groundwater samples collected from Upper Aquifer monitoring wells WT101A, WT115A, WT116A, and WT117C, located along the southern limit of waste. Calcium concentrations in groundwater samples from the Intermediate and Lower Aquifers were less than their GW RAOs.

There is a plume of iron in the Upper Aquifer defined by the GW RAO of 26,000 µg/L. Two of the three groundwater samples collected from Upper Aquifer monitoring well WT101A contained iron at concentrations greater than the GW RAO. The maximum iron concentrations in the Intermediate and Lower Aquifers were 6,400 µg/L and 7,670 µg/L, respectively, which are less than the GW RAO.

There is a plume of manganese in the Upper Aquifer defined by the 880 µg/L contour. The manganese concentrations in groundwater samples collected from WT101A, WT116A, and WT117A, which are located along the southern limit of waste, were greater than the GW RAO. The maximum manganese concentrations in the Intermediate and Lower Aquifers groundwater samples were 550 µg/L and 771 µg/L, respectively, which are less than the GW RAO.

The GW RAO for sodium is 150,000 µg/L, which is its RDA. Sodium concentrations that were greater than the GW RAO were detected in groundwater samples from Upper Aquifer monitoring wells WT114A and WT116A. The sodium detected in groundwater samples from the Upper Aquifer in the vicinity of monitoring well WT114A is cross gradient of the Site and located adjacent the John Weaver Parkway. The source of the sodium in the groundwater samples collected from WT114A is likely road salt applied to the adjacent roadway. WT116A is located along the southern limit of waste in the south central portion of the Site.

Chloride concentrations were greater than the GW RAO in two of the three groundwater samples collected from WT114A. WT114A is cross gradient of the Site and located adjacent the John Weaver Parkway. The source of the chloride (and sodium, as stated above) in the groundwater samples collected from WT114A is likely road salt applied to the adjacent roadway. The maximum chloride concentrations in the Intermediate and Lower Aquifers were 86 mg/L and 130 mg/L, respectively, which are less than the GW RAO of 250 mg/L.

The concentration of sulfate was greater than the GW RAO of 960 mg/L in a groundwater sample collected from Upper Aquifer monitoring well WT116A. Sulfate concentrations in the Intermediate and Lower Aquifers were less than the GW RAO.

The metals and general chemistry data for Q9, Q10, and Q11 routine groundwater quality monitoring are consistent with previous routine groundwater monitoring results from November 2008 through September 2010.

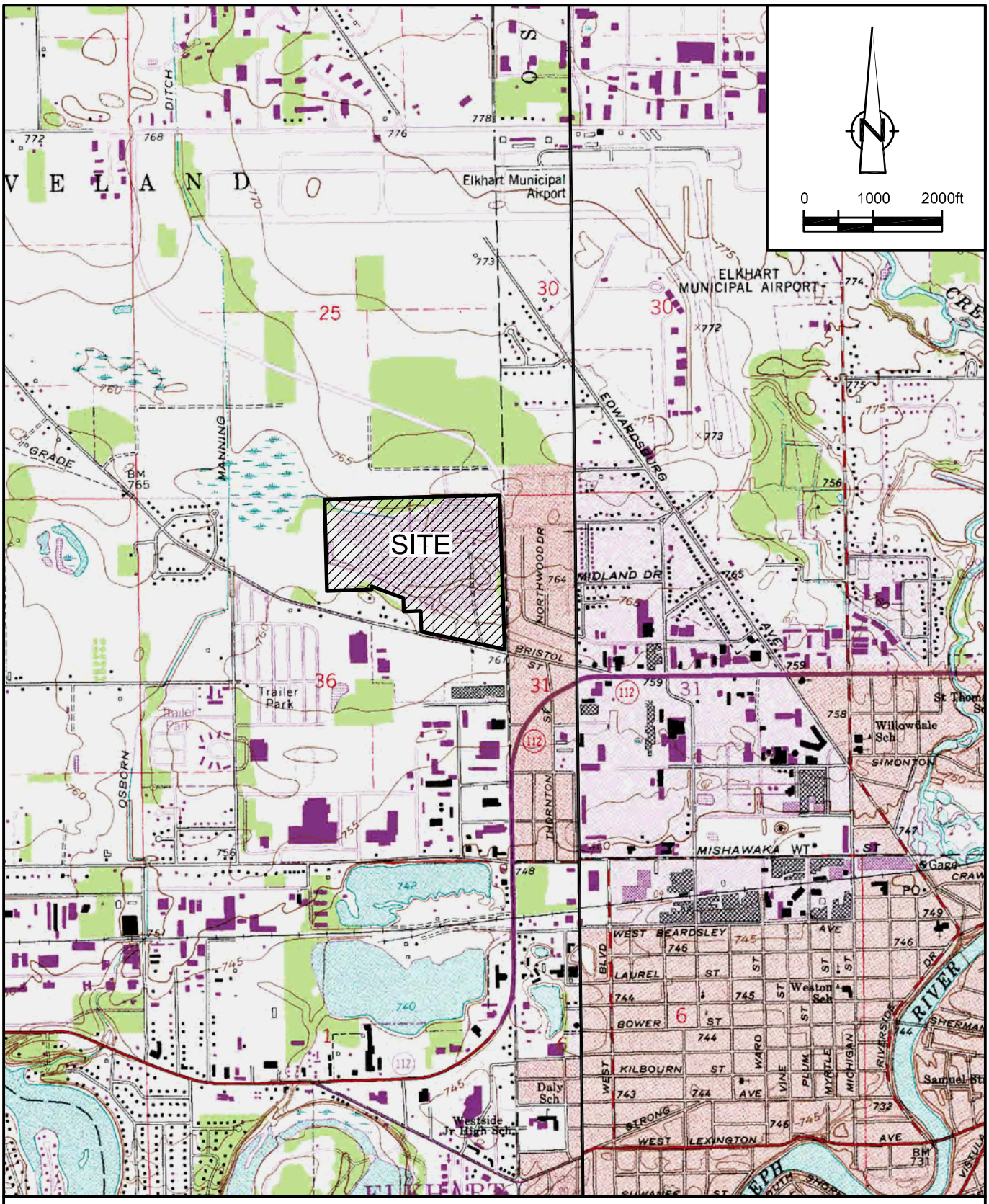
5.3 FUTURE MONITORING AND REPORTING

CRA collected the first groundwater sampling from the Phase III monitoring wells in March 2011. Quarterly samples will be collected from the Phase III monitoring wells until December 2011 and samples from these wells will be analyzed for the analytes listed in Table 2.3. This will provide four rounds of quarterly groundwater quality monitoring of the Phase III monitoring wells. The frequency of monitoring will then be

reduced to semi-annually to be consistent with the GMP. Prior to, or as a part of the next annual report, the PSDs will make recommendations with respect future groundwater quality monitoring at the Phase III monitoring wells based on the results of the four quarterly monitoring rounds.

The scope and frequency of the GMP for the Himco Site was approved by the USEPA in August 2011. The monitoring wells included in the GMP are listed in Table 5.1 and shown on Figure 5.1. Groundwater samples will be collected on a semi-annual basis and will be analyzed for the analytes listed in Table 5.2. The GMP commenced in September 2011, except for the Phase III wells.

The PSDs will submit routine annual reports of groundwater quality monitoring at the Himco Site. The next groundwater monitoring report will be submitted to USEPA in November 2012 and will include monitoring data collected from September 2011 through June 2012.



SOURCE: USGS QUADRANGLE MAPS;
ELKHART AND OSCEOLA, INDIANA

figure 1.1

SITE LOCATION MAP
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA004 OCT 18/2011

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

0 100 300ft

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

LEGEND

- SITE BOUNDARY
- PROPERTY BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT101A — MONITORING WELL LOCATION
- WTN1 — ABANDONED MONITORING WELL LOCATION
- VAS101 — VERTICAL AQUIFER SAMPLE LOCATION
- APPROXIMATE CONSTRUCTION DEBRIS AREA BASED ON 1992 LANDFILL LIMITS
- RESIDENCE WITH MUNICIPAL WATER SUPPLY

WT102B WT102C WT102A 1200 ft NORTH
WT112A WT112B
WTD4 WTD3 WTD2 WTD1
WT113A WT113B
WTB1 WTB2 WTB4 WTB3
WTCP1
QUARRY POND
JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)
PLAINFIELD DRIVE
LITTLE POND
L - POND
WT103A
WTC1, WTC2, WTC3 & WTC4
WTO1
WTO2 VASO-150
WTO3 WTO4
FAIRFIELD DRIVE
MIDLAND DRIVE
NORTHWOOD DRIVE
WT117C VAS117-150 WT117B
WT117D WT117A
POOL
WT118B WT111A
WT116B VAS116-150 WT116A
GOAT BARN
WTM2
WTM1
WT114C WT114A WT114B
VAS114-150
VAS120-150 WT120B WT120C
WT120A
WESTWOOD DRIVE
WT115A VAS115-175 WT115C WT115B
WT119B WT119A
COUNTY ROAD 10
WTE2
WTE1 WTE3
WT101A WT101D VAS101-150 VAS101-225 WT101E WT101B WT101C
WT104A
WT122C WT122B WT122A
WTN1
WTP1
WT105A VAS105-150
WT106A WT106B VAS106-225 VAS106-150 WT106C
WT121B WT121A VAS121-225
WTF(5)

figure 1.2

SITE PLAN
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA005 OCT 27/2011

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

0 100 300ft

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

LEGEND

- SITE BOUNDARY
- PROPERTY BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT101A — MONITORING WELL LOCATION
- WTN1 — ABANDONED MONITORING WELL LOCATION
- VAS101 — VERTICAL AQUIFER SAMPLE LOCATION
- APPROXIMATE CONSTRUCTION DEBRIS AREA BASED ON 1992 LANDFILL LIMITS
- RESIDENCE WITH MUNICIPAL WATER SUPPLY
- INTERIM GROUNDWATER MONITORING PROGRAM WELL

WT102B WT102C WT102A 1200 ft NORTH
WT112A WT112B
WTD4 WTD3 WTD2 WTD1
WT113A WT113B
WTB1 WTB2 WTB4 WTB3
WTCP1
QUARRY POND
JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)
PLAINFIELD DRIVE
LITTLE POND
L - POND
WT103A
WTC1, WTC2, WTC3 & WTC4
WTO2 VASO-150 WTO1 WTO3 WTO4
FAIRFIELD DRIVE
MIDLAND DRIVE
NORTHWOOD DRIVE
WESTWOOD DRIVE
WT117C VAS117-150 WT117B WT117D WT117A
POOL
WT118B WT111A
WT116B VAS116-150 WT116A
GOAT BARN
WTM2 WTM1
WT114C WT114A WT114B VAS114-150
VAS120-150 WT120B WT120C WT120A
WT115A VAS115-175 WT115C WT115B
WT119B WT119A
COUNTY ROAD 10
WTE2 WTE1 WTE3
WT101D VAS101-150 VAS101-225 WT101A WT101B WT101C WT101E
WT104A
WT122C WT122B WT122A
WTN1
WTP1
WT105A VAS105-150
WT106A WT106B VAS106-225 VAS106-150 WT106C
WT121B WT121A VAS121-225
WTF(5)

figure 2.1
BASELINE GROUNDWATER AND INTERIM GROUNDWATER MONITORING PROGRAM
DECEMBER 2008 TO JUNE 2011
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA027 OCT 27/2011

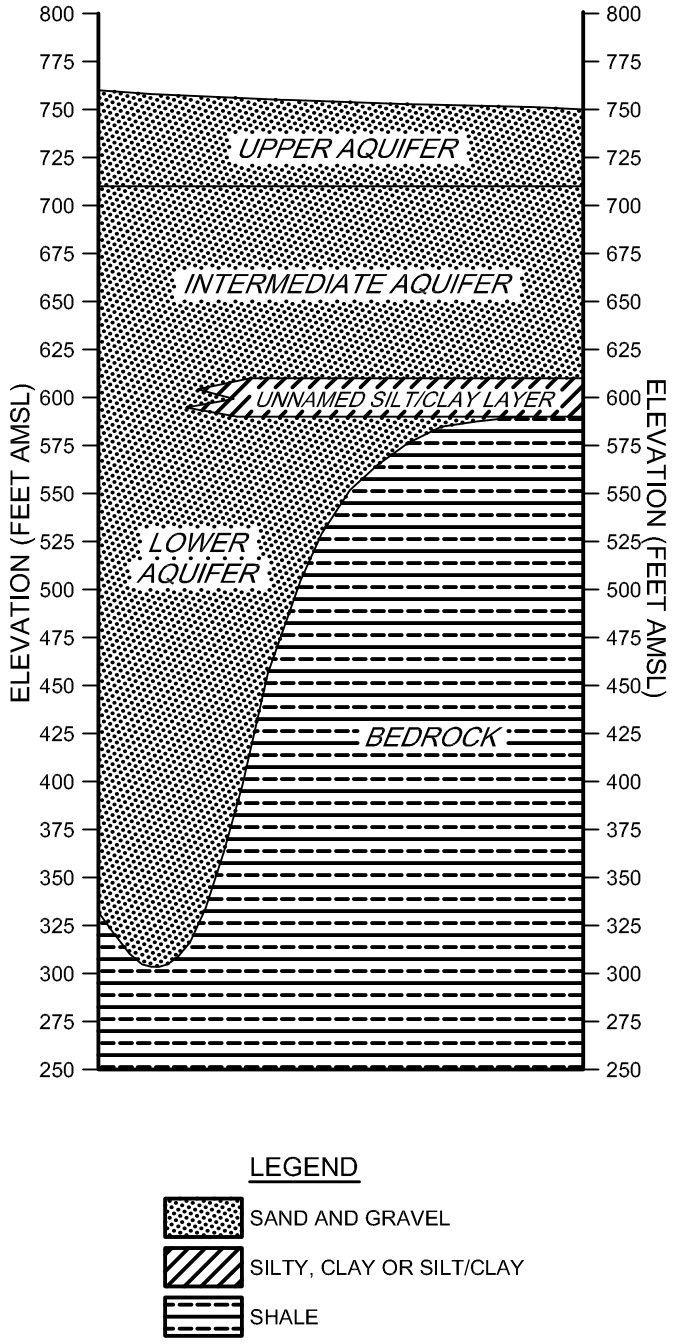


figure 3.1

SCHEMATIC CROSS-SECTION
HIMCO SITE
Elkhart, Indiana

1200 ft NORTH

WT102A

WT112A

WT113A

WTB2
757.70

757.5

757.0

756.5

756.0

755.5

755.0

QUARRY POND

LITTLE POND

L - POND

SG-4
755.65

SG-5
756.49

SW6

WT103A
755.65

WT117C
755.57

WT117A
755.52

WT116A
757.16

WT111A
755.49

WT119B
755.33

WT115B
755.38

WT115A
755.35

WT101A
755.43

WT104A
754.54

WT122A
755.28

WTO2
756.48

WT114A
755.68

WT120C
755.70

WT106A
754.72

WT121A
754.20

754.5

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

MIDLAND DRIVE

NORTHWOOD DRIVE

WESTWOOD DRIVE

COUNTY ROAD 10

POOL

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

N

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT115A — MONITORING WELL LOCATION
- SW1 — SURFACE WATER LOCATION
- 752.88 — GROUNDWATER ELEVATION (ft. AMSL)
- 755.0 — GROUNDWATER ELEVATION CONTOURS (ft. AMSL)
- GROUNDWATER FLOW

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 3.2

GROUNDWATER ELEVATION CONTOURS UPPER AQUIFER - JUNE 13, 2011 HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA001 OCT 27/2011

1200 ft NORTH

WT102B

WT112B

WT113B

WTB3
757.93

757.5

757.0

756.5

756.0

755.5

QUARRY POND

LITTLE POND

L - POND

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

MIDLAND DRIVE

NORTHWOOD DRIVE

WESTWOOD DRIVE

COUNTY ROAD 10

POOL

GOAT BARN

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

WTO3
756.49

WTO4
756.52

WT117D
755.62

WT117B
755.55

WT118B
755.52

WT116B
755.62

WT115C
755.37

WTE1
755.40

WT122C
755.44

WT122B
755.35

WT101D
755.46

WT101E
755.42

WT101B
755.79*

WT114C
755.89

WT114B
755.79

WT120A
755.74

WT120B
755.71

WT106B
755.00

WT121B
754.99

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT116B — MONITORING WELL LOCATION
- 753.37 — GROUNDWATER ELEVATION (ft. AMSL)
- 755.0 — GROUNDWATER ELEVATION CONTOURS (ft. AMSL)
- GROUNDWATER FLOW
- * — GROUNDWATER ELEVATION NOT USED IN GROUNDWATER CONTOUR GENERATION

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 3.3

GROUNDWATER ELEVATION CONTOURS INTERMEDIATE AQUIFER - JUNE 13, 2011 HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA002 OCT 27/2011

1200 ft NORTH

WT102C

758.0 WTB1 758.01

758.0 WTB4 758.01

QUARRY POND

LITTLE POND

L - POND

757.5

757.0

756.5

756.0

755.5

755.0

754.5

754.0

753.5

753.0

752.5

752.0

751.5

751.0

750.5

750.0

749.5

WTE3 755.46

WT101C 755.42

WT106C 749.24

POOL

GOAT BARN

COUNTY ROAD 10

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

MIDLAND DRIVE

NORTHWOOD DRIVE

WESTWOOD DRIVE

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

N

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT101C — MONITORING WELL LOCATION
- 753.01 — GROUNDWATER ELEVATION (ft. AMSL)
- 755.0 — GROUNDWATER ELEVATION CONTOURS (ft. AMSL)
- GROUNDWATER FLOW

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 3.4

GROUNDWATER ELEVATION CONTOURS LOWER AQUIFER - JUNE 13, 2010 HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA003 OCT 27/2011

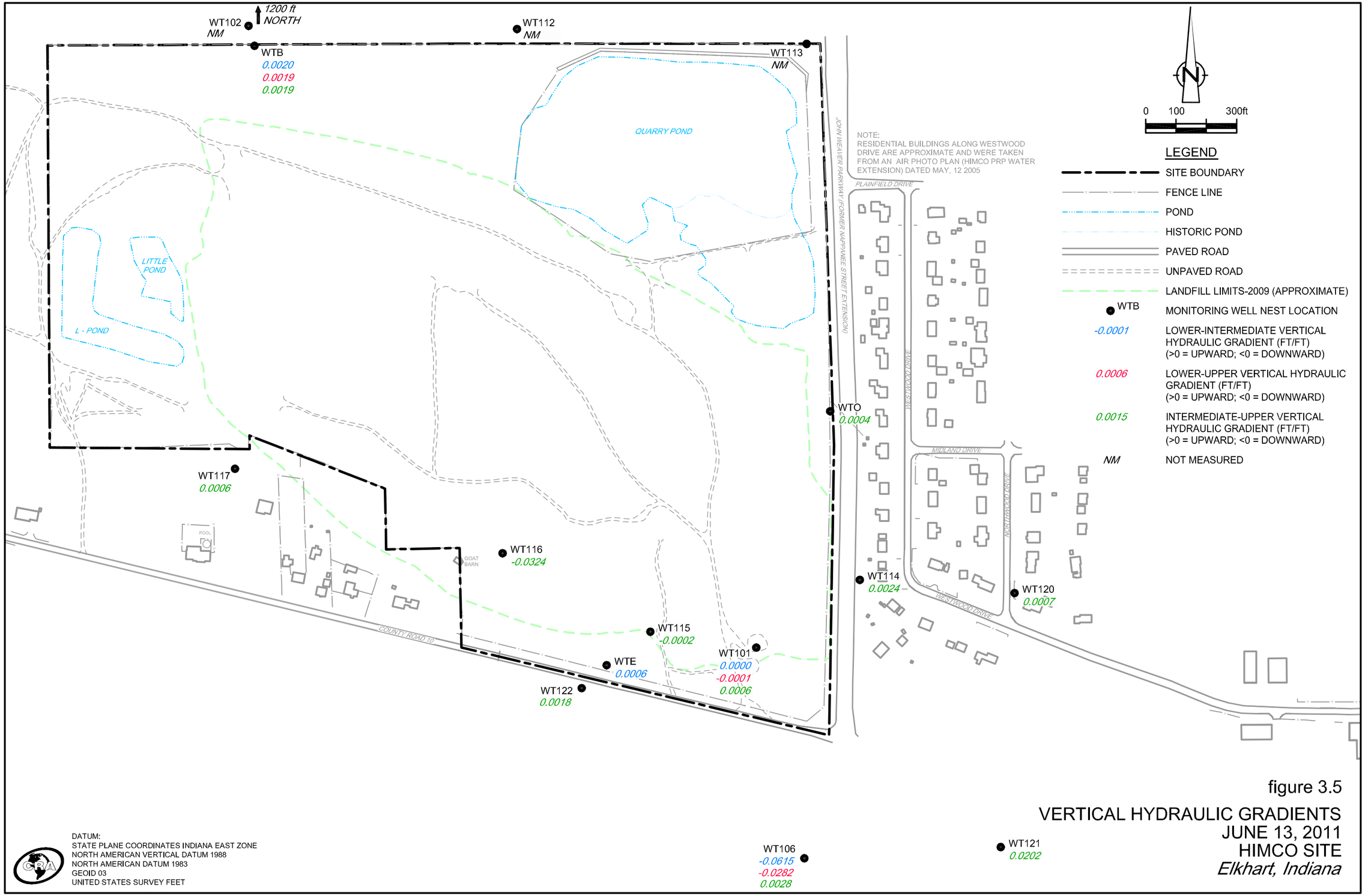


figure 3.5

VERTICAL HYDRAULIC GRADIENTS
JUNE 13, 2011
HIMCO SITE
Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA029 OCT 27/2011

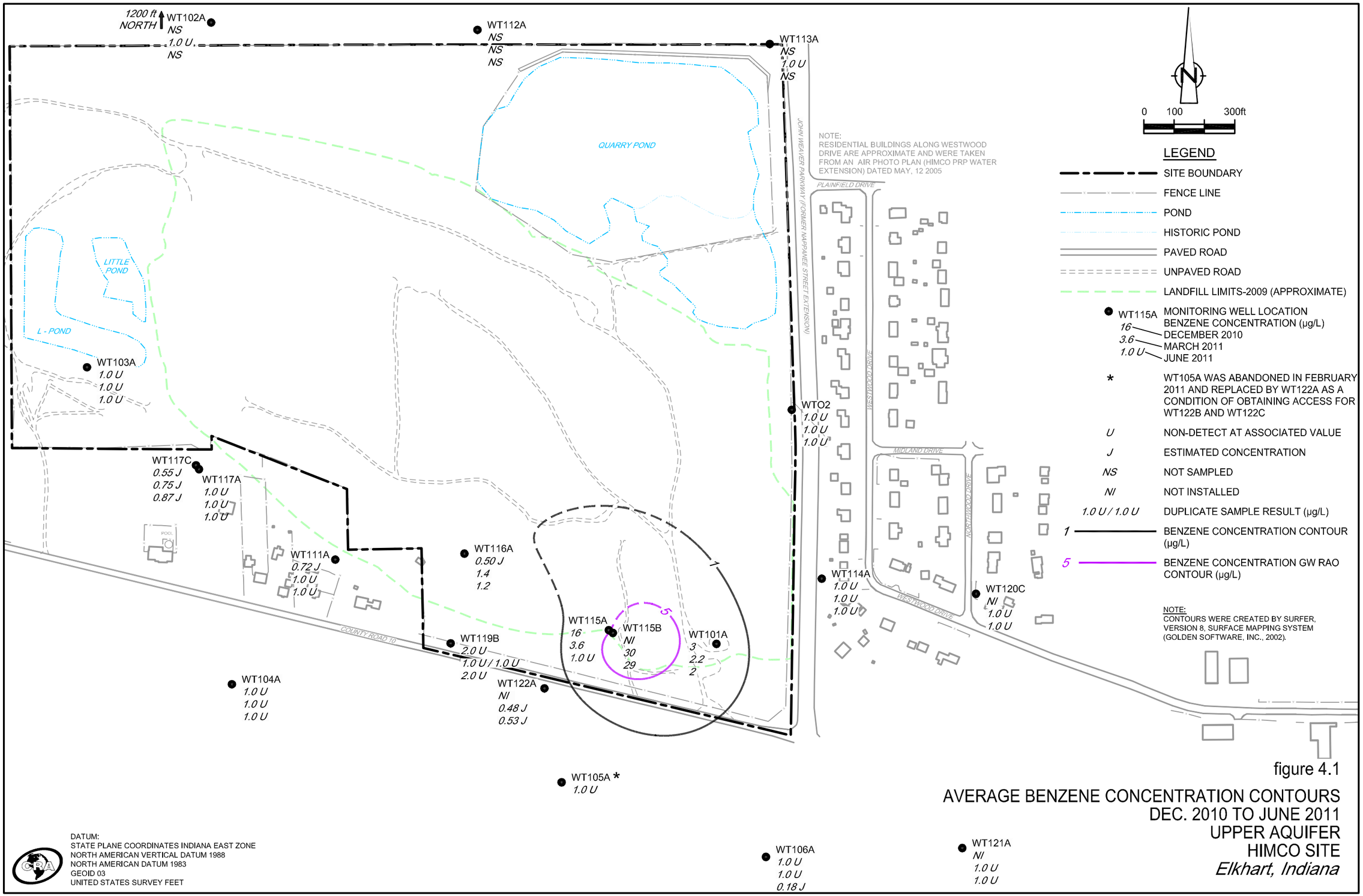


figure 4.1

AVERAGE BENZENE CONCENTRATION CONTOURS
DEC. 2010 TO JUNE 2011
UPPER AQUIFER
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA006 NOV 16/2011

WT102B
NS
1.0 U / 1.0 U
NS

1200 ft
NORTH

WTB3
1.0 U
1.0 U
1.0 U

WT112B
NS
1.0 U
NS

WT113B
NS
1.0 U
NS

QUARRY POND

LITTLE POND

L - POND

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

WT117B
0.59 J
0.49 J
0.53 J

WT117D
1.0 U
1.0 U
1.0 U

POOL

WT118B
1.0 U
1.0 U
1.0 U / 1.0 U

GOAT BARN

WT116B
1.0 U
1.0 U
1.0 U

COUNTY ROAD 10

WT115C
NI
1.0 U
1.0 U

WTE1
1.0 U
1.0 U
1.0 U

WT122C
NI
1.0 U
1.0 U / 1.0 U

WT122B
NI
1.0 U
1.0 U

WT101D
1.0 U
1.0 U
1.0 U

WT101B
2.0 U
1.0 U
1.0 U

WT101E
1.0 U
1.0 U
1.0 U

WTO3
1.0 U
1.0 U
1.0 U

WTO4
1.0 U / 1.0 U
1.0 U
1.0 U

WESTWOOD DRIVE

MIDLAND DRIVE

NORTHWOOD DRIVE

WT114C
1.0 U
1.0 U / 1.0 U
1.0 U

WT114B
1.0 U
1.0 U
1.0 U

WT120A
1.0 U / 1.0 U
1.0 U
1.0 U

WT120B
1.0 U
1.0 U
1.0 U

WT106B
1.0 U
1.0 U
1.0 U

WT121B
NI
1.0 U
1.0 U

N

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT113B — MONITORING WELL LOCATION
  - NS — BENZENE CONCENTRATION (µg/L)
  - 1.0 U — DECEMBER 2010
  - NS — MARCH 2011
  - JUNE 2011
- U — NON-DETECT AT ASSOCIATED VALUE
- J — ESTIMATED CONCENTRATION
- NS — NOT SAMPLED
- NI — NOT INSTALLED
- 1.0 U / 1.0 U — DUPLICATE SAMPLE RESULT (µg/L)

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 4.2

BENZENE CONCENTRATIONS DEC. 2010 TO JUNE 2011 INTERMEDIATE AQUIFER HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA007 NOV 16/2011

1200 ft NORTH

WT102A
NS
1.0 U
NS

WT112A
NS
NS
NS

WT113A
NS
1.0 U
NS

QUARRY POND

LITTLE POND

L - POND

WT103A
1.0 U
1.0 U
1.0 U

WT117C
4.3
5.4
5.1

WT117A
0.52 J
0.48 J
1.0 U

POOL

WT111A
5.2
3.9
3.1

WT116A
6.1
2
1.8

COUNTY ROAD 10

WT119B
2.0 U
1.0 U / 1.0 U
2.0 U

WT104A
1.0 U
1.0 U
1.0 U

WT115A
4.8
0.91 J
1.0 U

WT115B
NI
6.5
7.2 J

WT101A
4.8
4.8
4.7

WT122A
NI
5.3
4.4

WT105A *
1.0 U

WT106A
1.5
1.4
1.3

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

WT102
1.0 U
1.0 U
1.0 U

MIDLAND DRIVE

NORTHWOOD DRIVE

WESTWOOD DRIVE

WT114A
1.0 U
1.0 U
1.0 U

WT120C
NI
1.0 U
1.0 U

WT121A
NI
2.1
1.9

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

N

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT113A / NS / 1.0 U / NS — MONITORING WELL LOCATION 1,1-DCA CONCENTRATION (µg/L) DECEMBER 2010 / MARCH 2011 / JUNE 2011
- * — WT105A WAS ABANDONED IN FEBRUARY 2011 AND REPLACED BY WT122A AS A CONDITION OF OBTAINING ACCESS FOR WT122B AND WT122C
- U — NON-DETECT AT ASSOCIATED VALUE
- J — ESTIMATED CONCENTRATION
- NS — NOT SAMPLED
- NI — NOT INSTALLED
- 1.0 U / 1.0 U — DUPLICATE SAMPLE RESULT (µg/L)
- 1 — 1,1-DCA CONCENTRATION CONTOUR (µg/L)

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 4.3

AVERAGE 1,1-DCA CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA008 NOV 16/2011

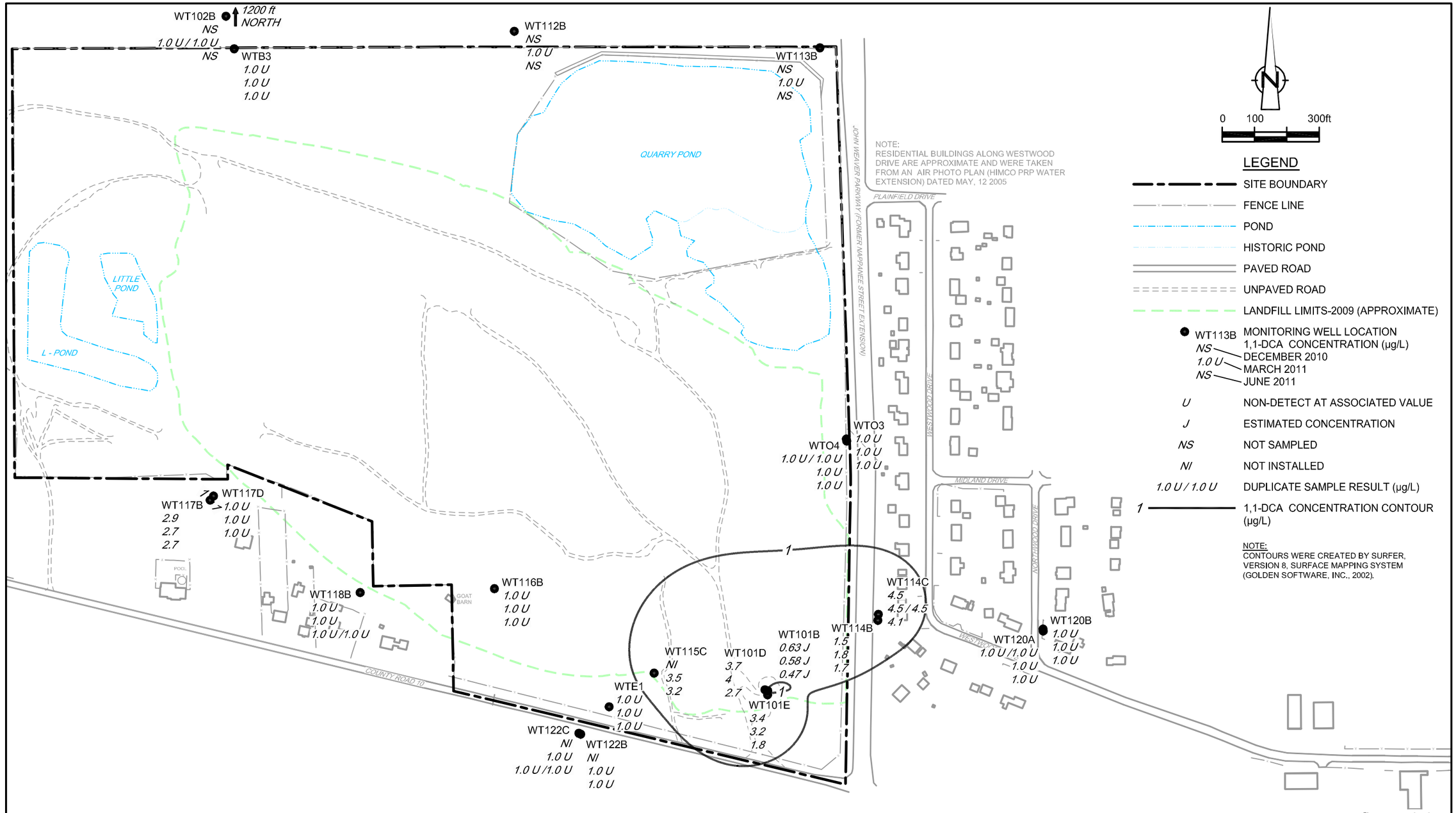


figure 4.4

AVERAGE 1,1-DCA CONCENTRATION CONTOURS
DEC. 2010 TO JUNE 2011
INTERMEDIATE AQUIFER
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA009 NOV 16/2011

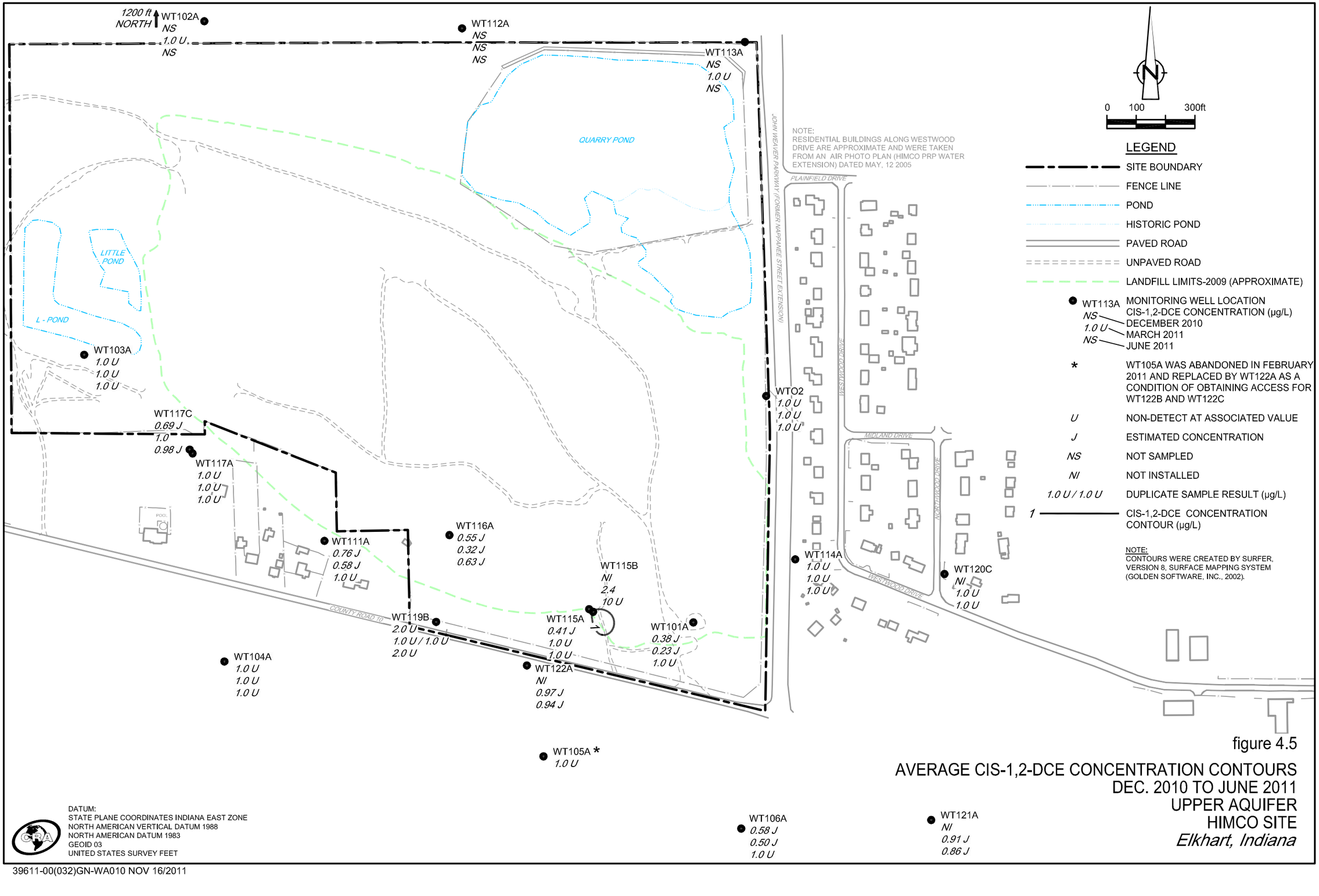


figure 4.5

AVERAGE CIS-1,2-DCE CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE

Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA010 NOV 16/2011

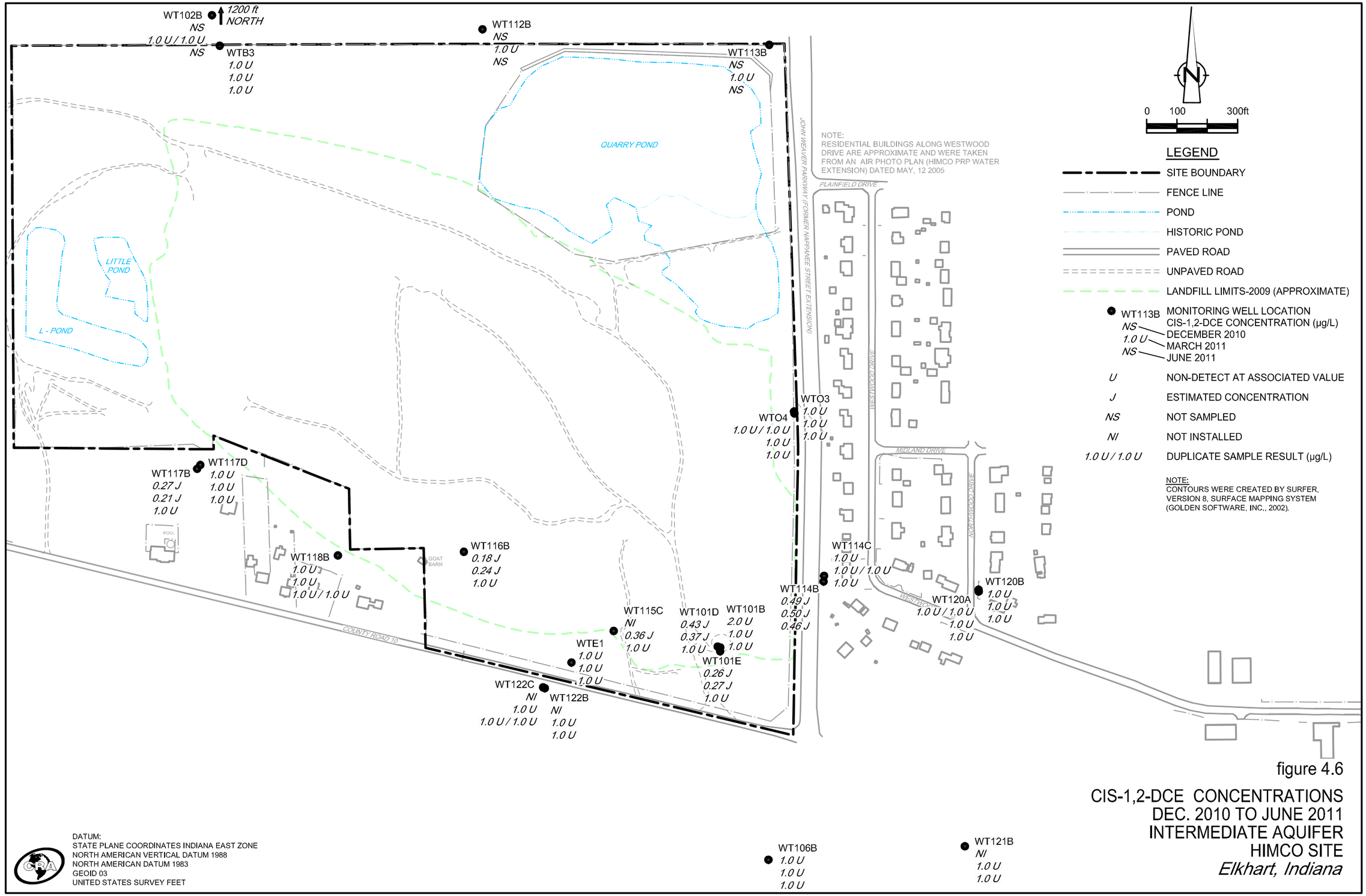


figure 4.6

CIS-1,2-DCE CONCENTRATIONS DEC. 2010 TO JUNE 2011 INTERMEDIATE AQUIFER HIMCO SITE

Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

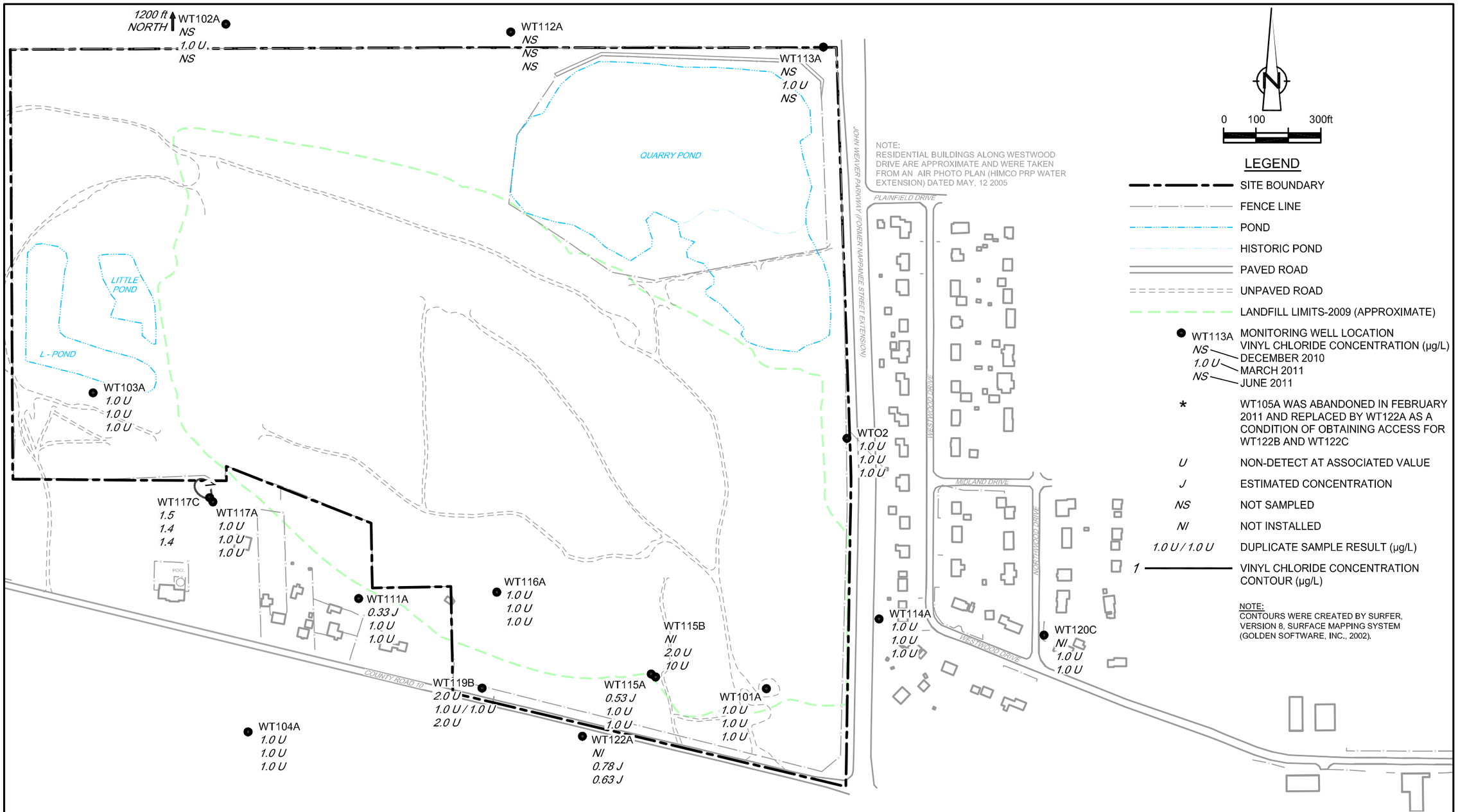


figure 4.7

AVERAGE VINYL CHLORIDE CONCENTRATION CONTOURS
DEC. 2010 TO JUNE 2011
UPPER AQUIFER
HIMCO SITE
Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA012 NOV 16/2011

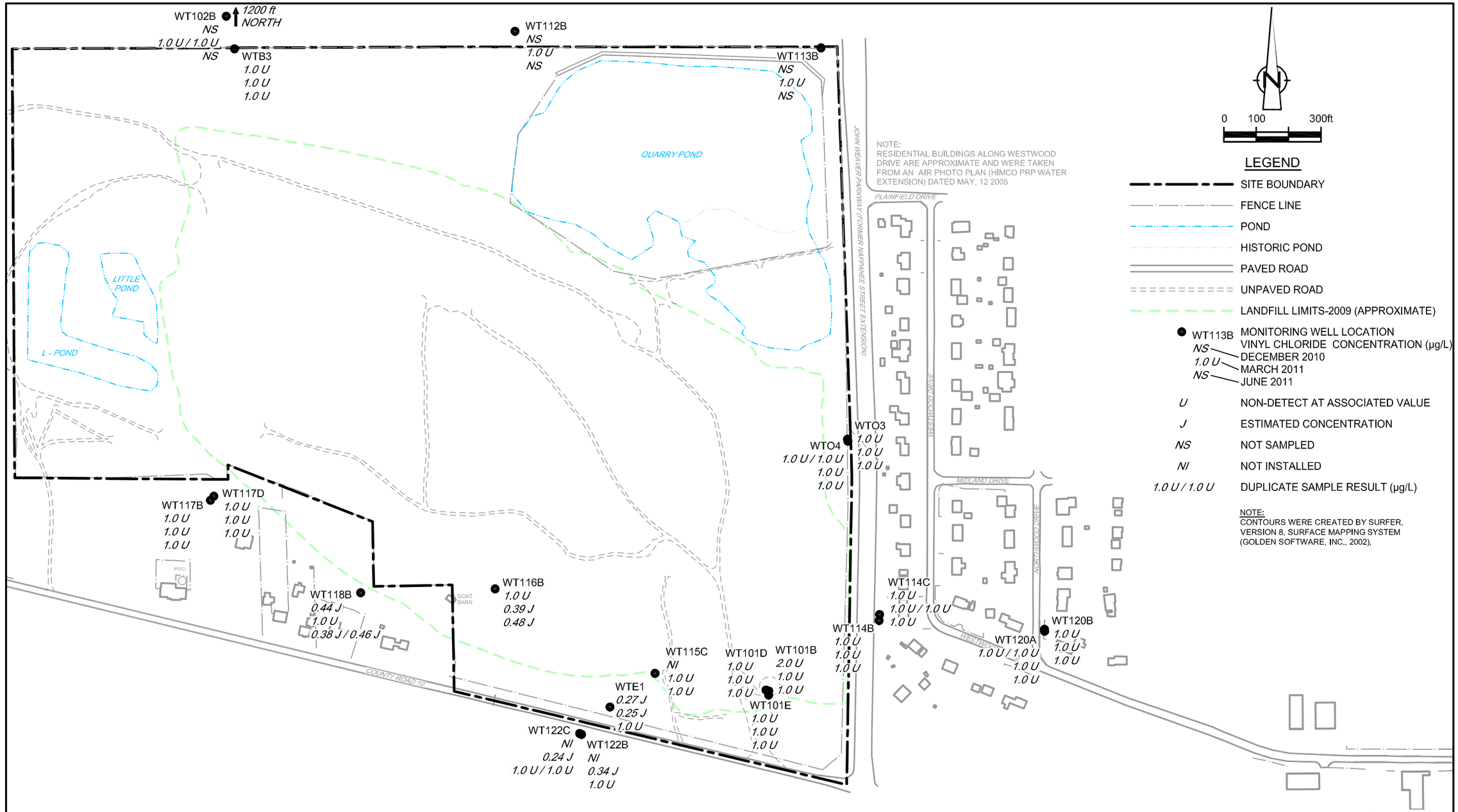


figure 4.8

VINYL CHLORIDE CONCENTRATIONS DEC. 2010 TO JUNE 2011 INTERMEDIATE AQUIFER HIMCO SITE

Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

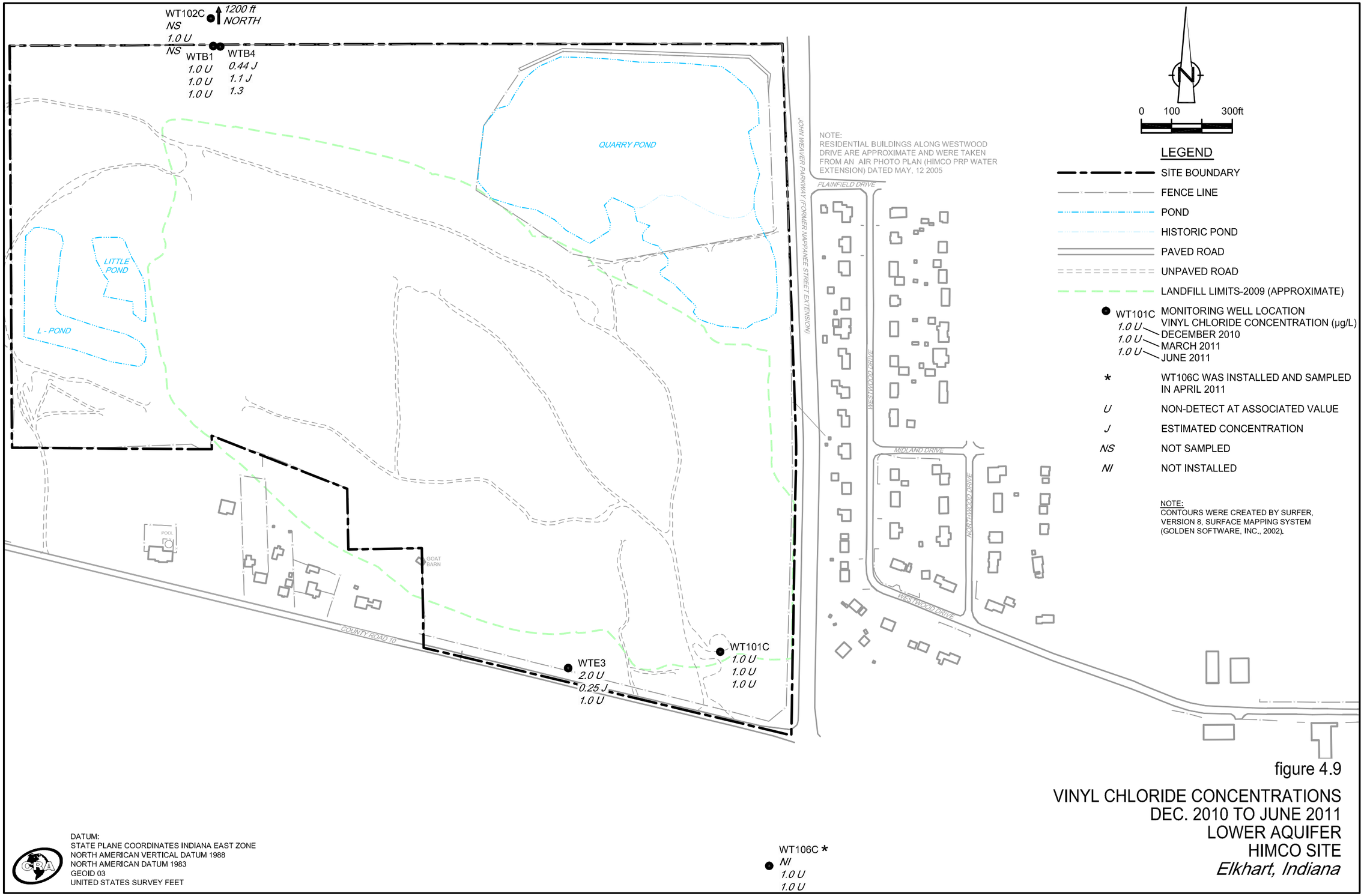


figure 4.9

VINYL CHLORIDE CONCENTRATIONS
DEC. 2010 TO JUNE 2011
LOWER AQUIFER
HIMCO SITE
Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA014 NOV 16/2011

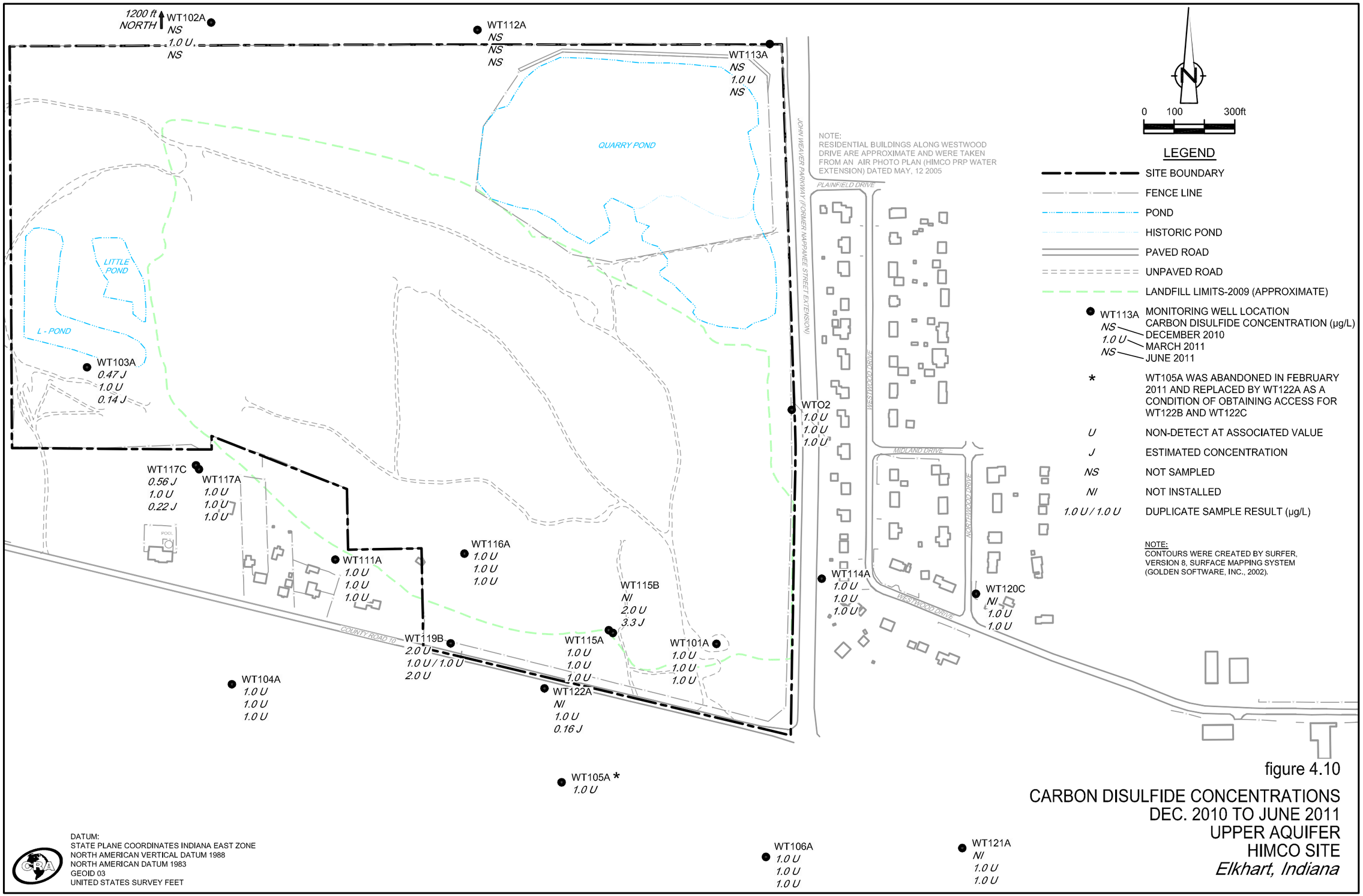


figure 4.10

CARBON DISULFIDE CONCENTRATIONS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE *Elkhart, Indiana*

39611-00(032)GN-WA015 NOV 16/2011

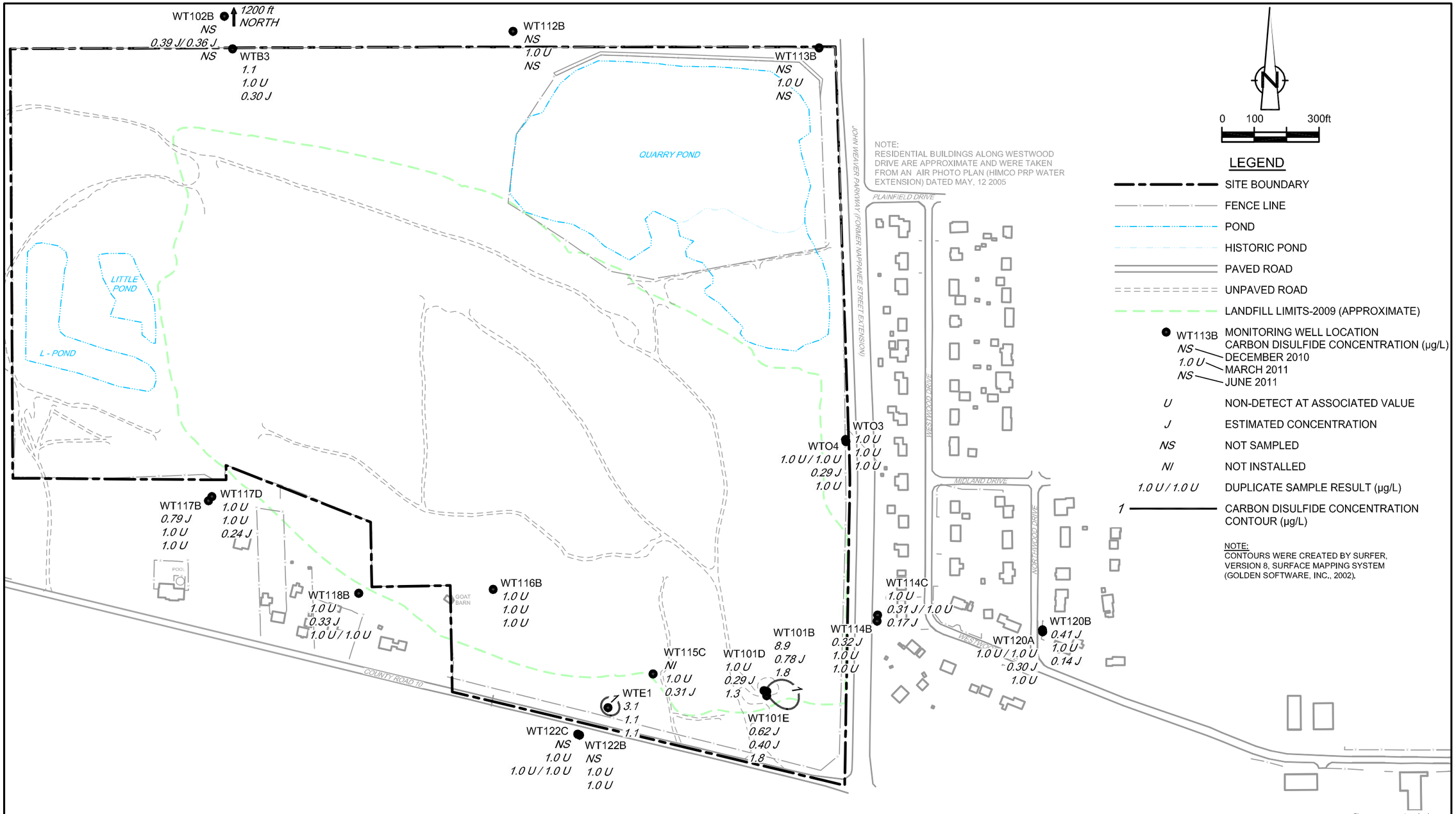


figure 4.11

AVERAGE CARBON DISULFIDE CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 INTERMEDIATE AQUIFER HIMCO SITE

Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA016 NOV 16/2011

WT102C
NS
1.0 U
NS

1200 ft
NORTH

WTB1
1.0 U
1.0 U
1.0 U

WTB4
0.44 J
1.1 J
1.3

1

QUARRY POND

LITTLE POND

L - POND

POOL

GOAT BARN

COUNTY ROAD 10

1

WTE3
2.0 U
0.25 J
1.0 U

WT101C
1.0 U
1.0 U
1.0 U

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

MIDLAND DRIVE

NORTHWOOD DRIVE

WESTWOOD DRIVE

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

WT106C *
NI
1.0 U
1.0 U

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT101C — MONITORING WELL LOCATION
  1.0 U — CARBON DISULFIDE CONCENTRATION (µg/L)
  1.0 U — DECEMBER 2010
  1.0 U — MARCH 2011
  — JUNE 2011
- * — WT106C WAS INSTALLED AND SAMPLED IN APRIL 2011
- U — NON-DETECT AT ASSOCIATED VALUE
- J — ESTIMATED CONCENTRATION
- NS — NOT SAMPLED
- NI — NOT INSTALLED
- 1 — CARBON DISULFIDE CONCENTRATION CONTOUR (µg/L)

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 4.12

AVERAGE CARBON DISULFIDE CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 LOWER AQUIFER HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA017 NOV 16/2011

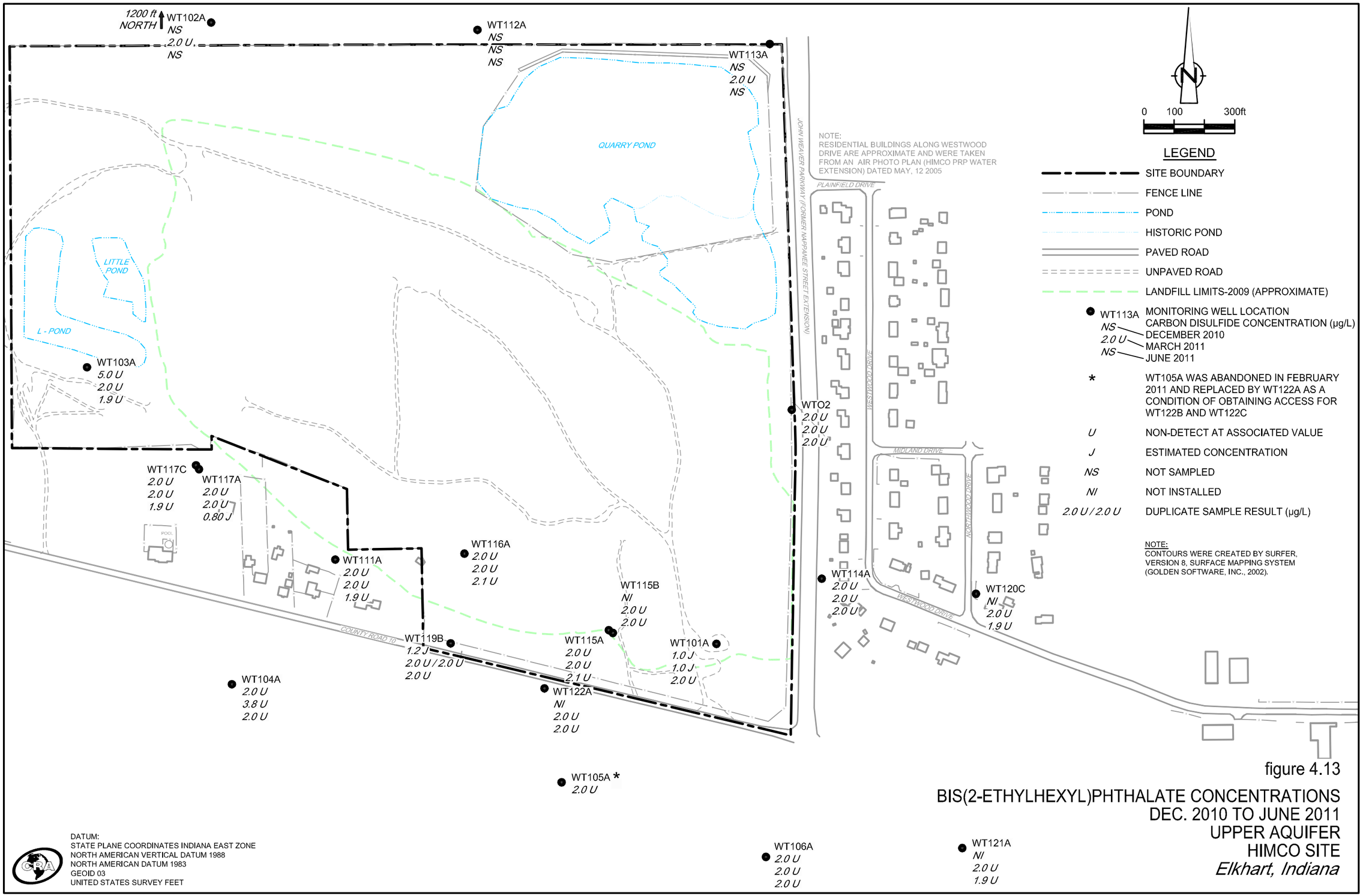


figure 4.13

BIS(2-ETHYLHEXYL)PHTHALATE CONCENTRATIONS
DEC. 2010 TO JUNE 2011
UPPER AQUIFER
HIMCO SITE
Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA026 NOV 16/2011

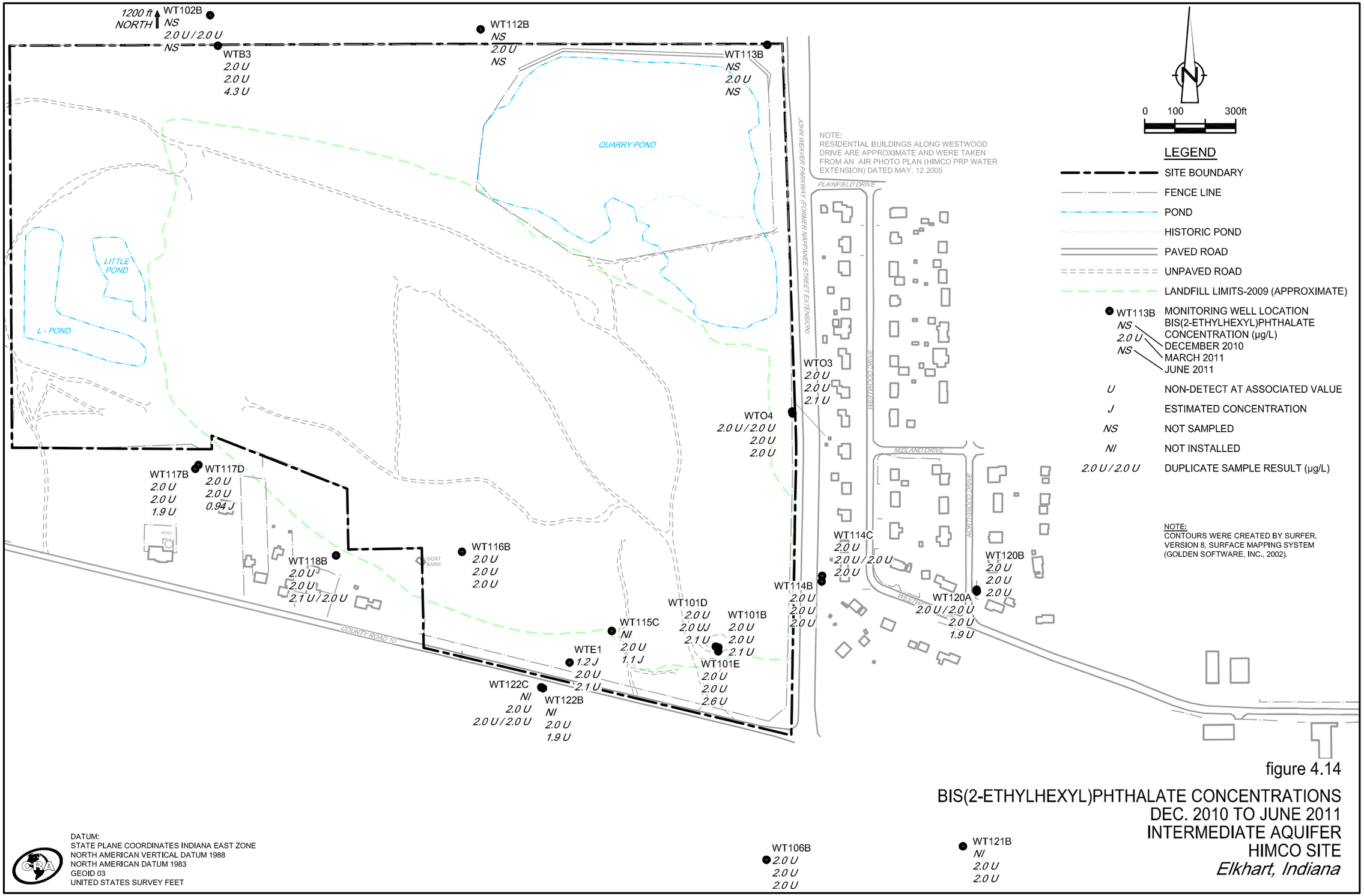


figure 4.14

BIS(2-ETHYLHEXYL)PHTHALATE CONCENTRATIONS DEC. 2010 TO JUNE 2011 INTERMEDIATE AQUIFER HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA025 NOV 16/2011

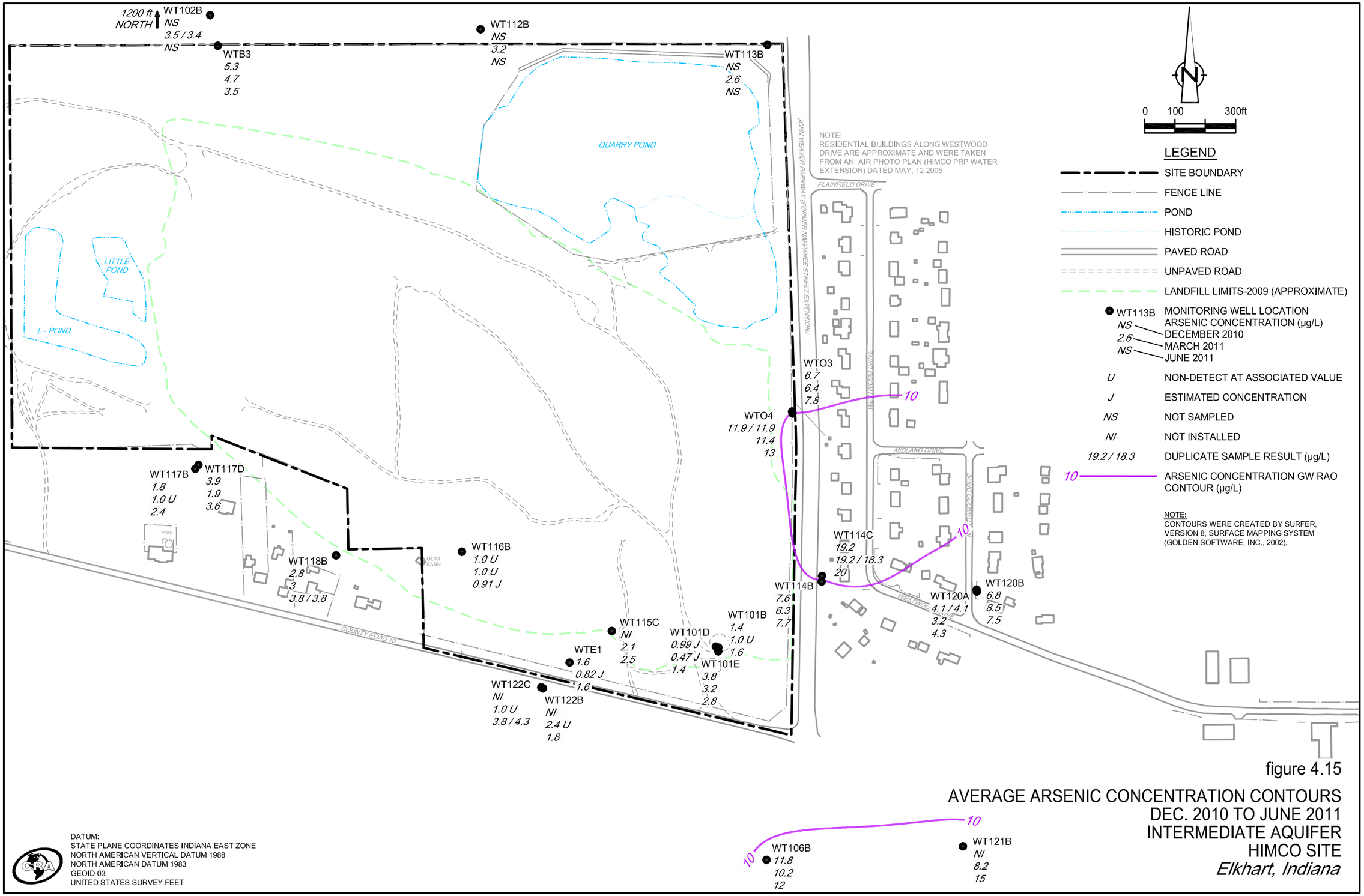


figure 4.15

AVERAGE ARSENIC CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 INTERMEDIATE AQUIFER HIMCO SITE

Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA018 NOV 16/2011

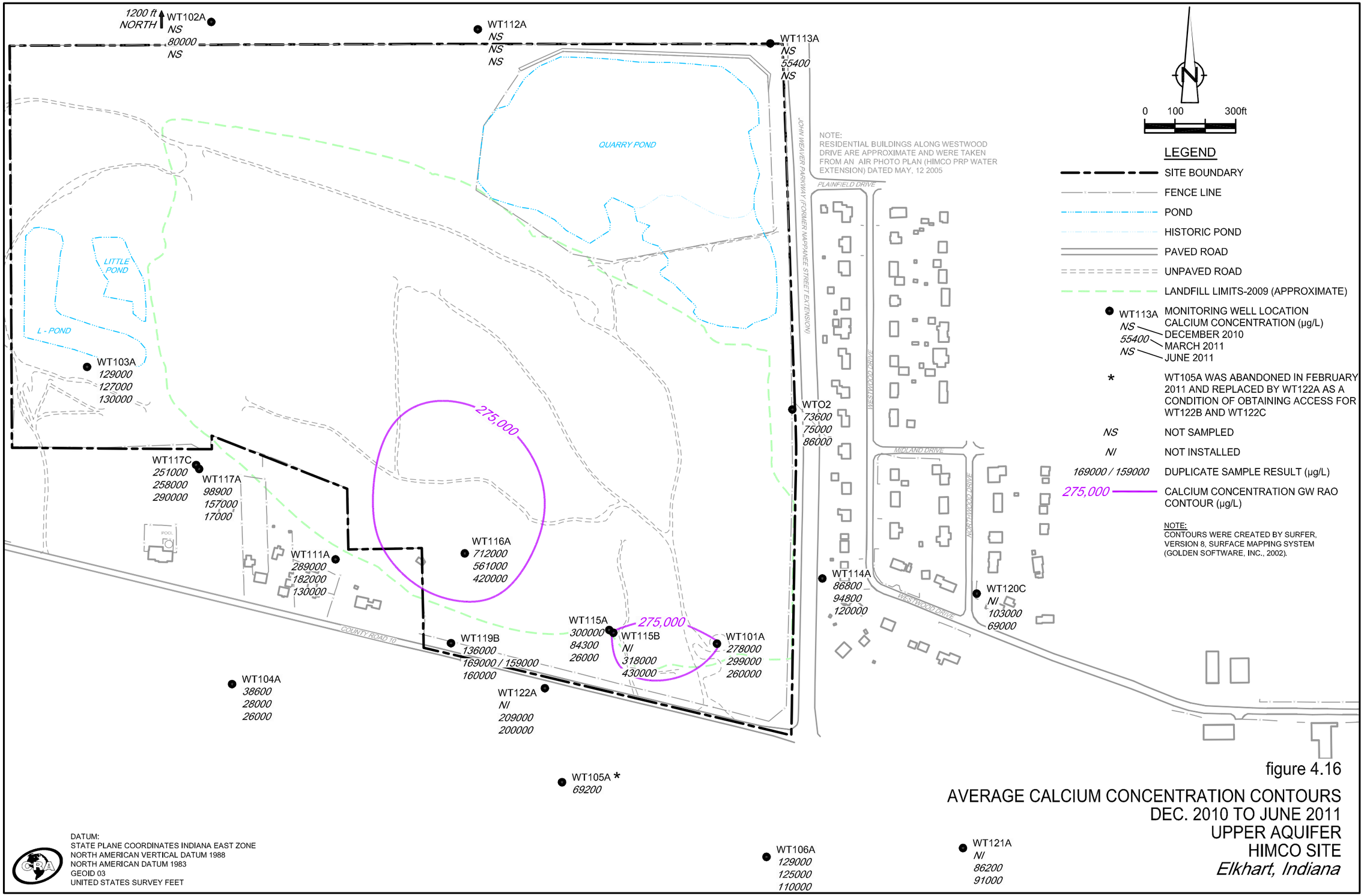


figure 4.16

AVERAGE CALCIUM CONCENTRATION CONTOURS
DEC. 2010 TO JUNE 2011
UPPER AQUIFER
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA019 NOV 16/2011

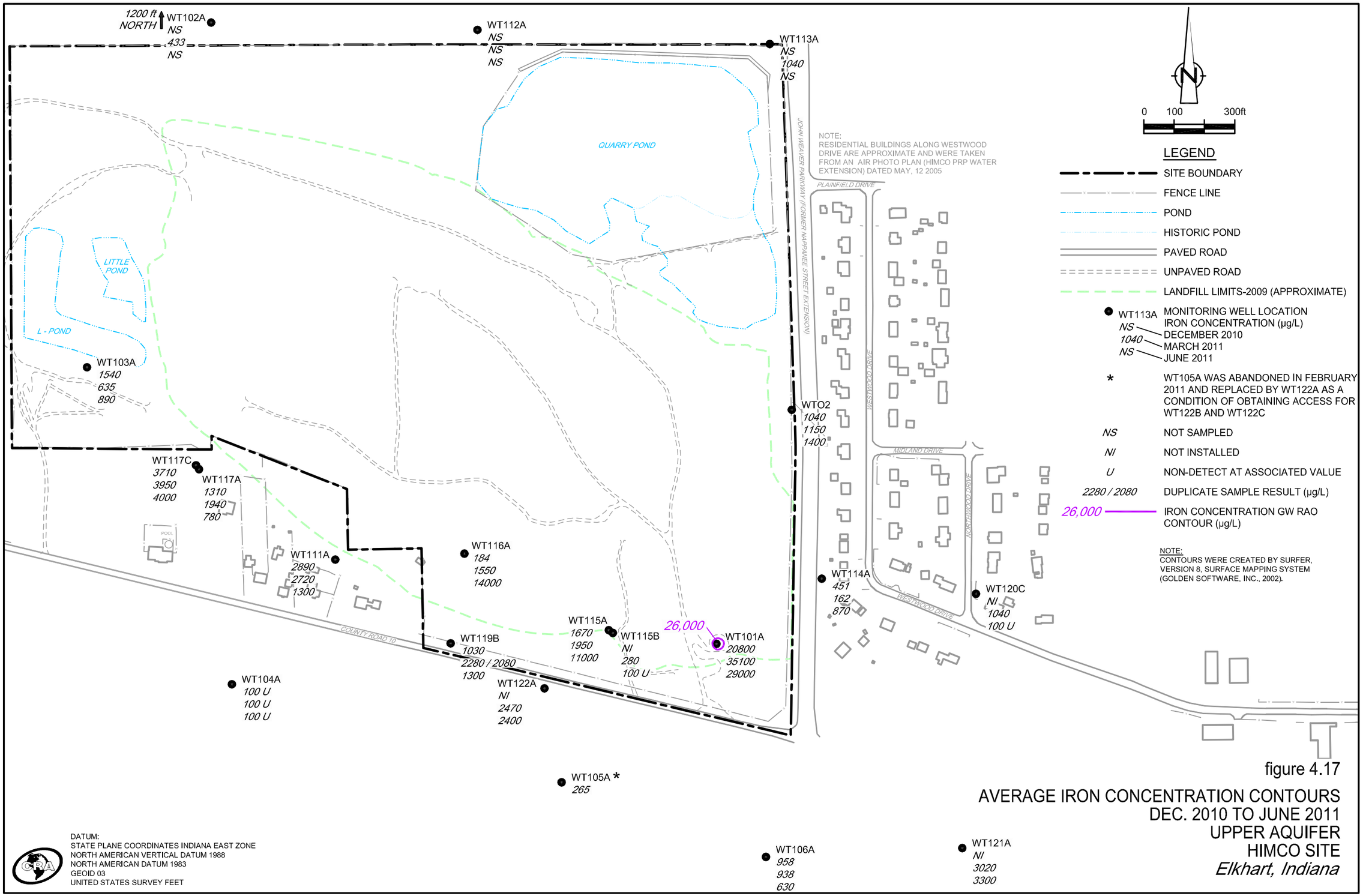


figure 4.17

AVERAGE IRON CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE *Elkhart, Indiana*

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA020 NOV 16/2011

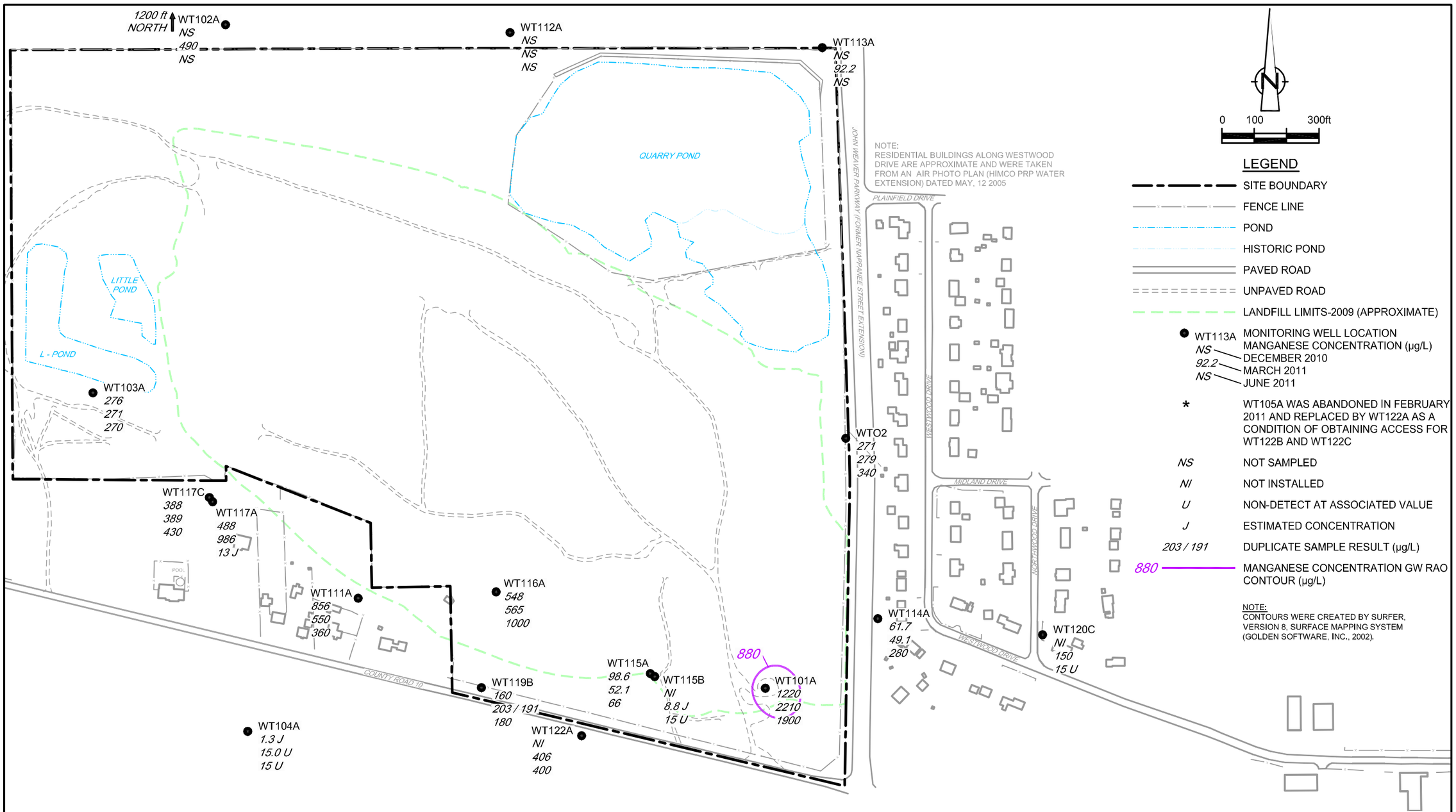


figure 4.18

AVERAGE MANGANESE CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE

Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA021 NOV 16/2011

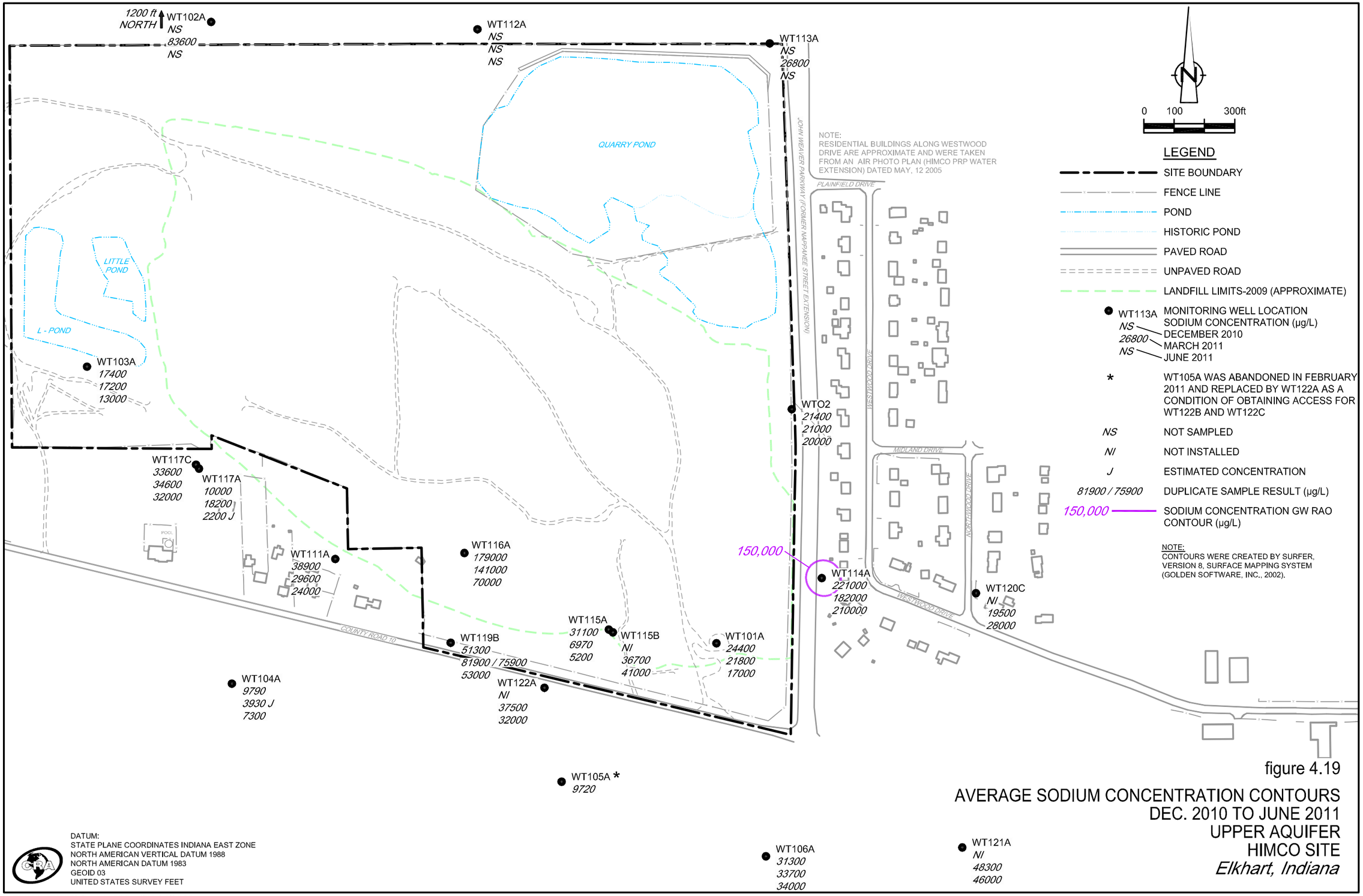


figure 4.19

AVERAGE SODIUM CONCENTRATION CONTOURS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA022 NOV 16/2011

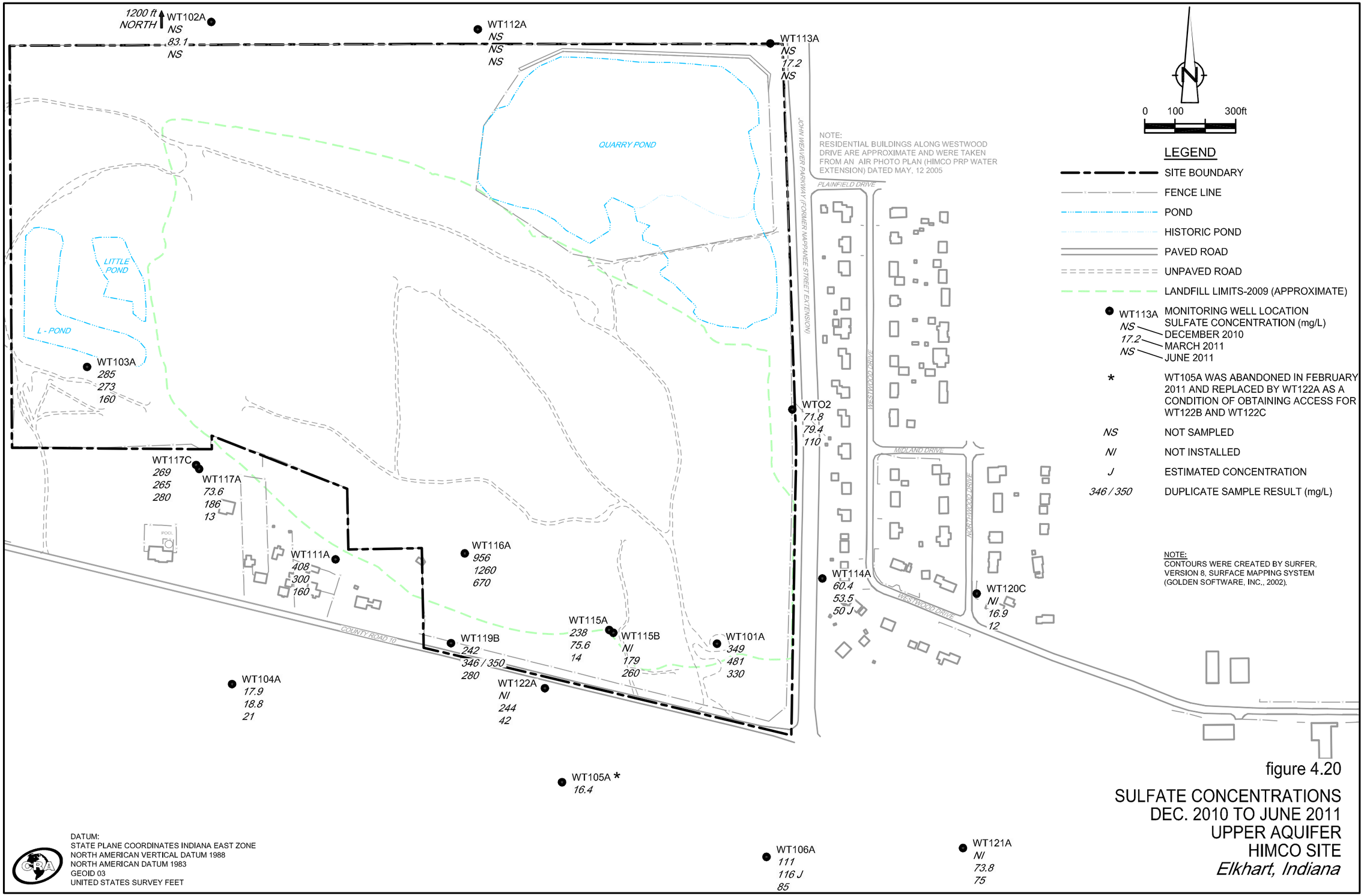


figure 4.20

SULFATE CONCENTRATIONS
DEC. 2010 TO JUNE 2011
UPPER AQUIFER
HIMCO SITE
Elkhart, Indiana

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

39611-00(032)GN-WA023 NOV 16/2011

1200 ft NORTH

WT102A
NS
138
NS

WT112A
NS
NS
NS

WT113A
NS
53.9
NS

QUARRY POND

LITTLE POND

L - POND

WT103A
31.8
30.8
22 J

WTO2
42.1
39.7
40

WT117C
32.6
32.3
34

WT117A
5.1
17.4
1.3

POOL

WT111A
25.5
25.3
15

WT116A
20.5
14.2
8.7

COUNTY ROAD 10

WT119B
30.1
23.6 / 23.9
24

WT115A
28.1
5.8
2.2

WT115B
NI
26.9
23

WT101A
26.3
23.2
23.2

WT104A
16.8
18.1
9.5

WT122A
NI
31.1
170

WT105A *
12.7

WT106A
66.2
55.4 J
39

WT121A
NI
95.7
110

WT114A
324
315
96 J

WT120C
NI
27.5
60

JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)

PLAINFIELD DRIVE

MIDLAND DRIVE

NORTHWOOD DRIVE

WESTWOOD DRIVE

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

N

0 100 300ft

LEGEND

- SITE BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT113A / NS / 53.9 / NS — MONITORING WELL LOCATION; CHLORIDE CONCENTRATION (mg/L); DECEMBER 2010 / MARCH 2011 / JUNE 2011
- * — WT105A WAS ABANDONED IN FEBRUARY 2011 AND REPLACED BY WT122A AS A CONDITION OF OBTAINING ACCESS FOR WT122B AND WT122C
- NS — NOT SAMPLED
- NI — NOT INSTALLED
- J — ESTIMATED CONCENTRATION
- 23.6 / 23.9 — DUPLICATE SAMPLE RESULT (mg/L)

NOTE:
CONTOURS WERE CREATED BY SURFER, VERSION 8, SURFACE MAPPING SYSTEM (GOLDEN SOFTWARE, INC., 2002).

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

figure 4.21

CHLORIDE CONCENTRATIONS DEC. 2010 TO JUNE 2011 UPPER AQUIFER HIMCO SITE

Elkhart, Indiana

39611-00(032)GN-WA024 NOV 16/2011

DATUM:
STATE PLANE COORDINATES INDIANA EAST ZONE
NORTH AMERICAN VERTICAL DATUM 1988
NORTH AMERICAN DATUM 1983
GEOID 03
UNITED STATES SURVEY FEET

N

0 100 300ft

NOTE:
RESIDENTIAL BUILDINGS ALONG WESTWOOD DRIVE ARE APPROXIMATE AND WERE TAKEN FROM AN AIR PHOTO PLAN (HIMCO PRP WATER EXTENSION) DATED MAY, 12 2005

LEGEND

- SITE BOUNDARY
- PROPERTY BOUNDARY
- FENCE LINE
- POND
- HISTORIC POND
- PAVED ROAD
- UNPAVED ROAD
- LANDFILL LIMITS-2009 (APPROXIMATE)
- WT101A — MONITORING WELL LOCATION
- WTN1 — ABANDONED MONITORING WELL LOCATION
- VAS101 — VERTICAL AQUIFER SAMPLE LOCATION
- APPROXIMATE CONSTRUCTION DEBRIS AREA BASED ON 1992 LANDFILL LIMITS
- DETECTION MONITORING WELL
- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL

WT102B
WT102C
WT102A
1200 ft NORTH
WT1B1
WT1B2
WT1B4
WT1B3
WT112A
WT112B
WT113A
WT113B
WTD4
WTD3
WTD2
WTD1
WTCP1
QUARRY POND
LITTLE POND
L - POND
WT103A
WTC1, WTC2, WTC3 & WTC4
JOHN WEAVER PARKWAY (FORMER NAPPANEE STREET EXTENSION)
PLAINFIELD DRIVE
FAIRFIELD DRIVE
MIDLAND DRIVE
NORTHWOOD DRIVE
WESTWOOD DRIVE
WTO2
VASO-150
WTO1
WTO3
WTO4
WT117C
VAS117-150
WT117B
WT117D
WT117A
POOL
WT118B
WT111A
WT116B
VAS116-150
WT116A
GOAT BARN
WTM2
WTM1
WT114C
WT114A
WT114B
VAS114-150
VAS120-150
WT120B
WT120C
WT120A
WT115A
VAS115-175
WT115C
WT115B
WT119B
WT119A
COUNTY ROAD 10
WTE2
WTE1
WTE3
WT101D
VAS101-150
VAS101-225
WT101A
WT101B
WT101C
WT101E
WT104A
WTN1
WT122C
WT122B
WT122A
WTP1
WT105A
VAS105-150
WT106A
WT106B
VAS106-225
VAS106-150
WT106C
WT121B
WT121A
VAS121-225
WTF(5)

figure 5.1

GROUNDWATER MONITORING PROGRAM
HIMCO SITE
Elkhart, Indiana

39611-00(032)GN-WA030 OCT 27/2011

TABLE 2.1

MONITORING WELL STATUS
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Well ID	*Status*	*Installation Date*	*Screen Length (ft)*	*Material*	*Casing Diameter (inches)*	*Installed Depth (ft bgs)*	*Reference Elevation (ft AMSL)*	*Ground Surface (ft AMSL)*	*Top of Well Screen (ft AMSL)*	*Bottom of Well Screen (ft AMSL)*	*Aquifer Designation*	*Northing*	*Easting*
UPPER AQUIFER WELLS (760 - 710 ft AMSL)													
WT101A	Functional	11/12/1990	10.00	Stainless Steel	2	16.3	763.87	761.53	755.23	745.23	Upper	2351887.26	235722.25
WT102A	Functional	11/10/1990	10.00	Stainless Steel	2	16.0	768.50	766.19	760.19	750.19	Upper	2355111.73	234055.37
WT103A	Functional	11/11/1990	10.00	Stainless Steel	2	16.0	760.11	757.60	751.60	741.60	Upper	2352799.65	233645.99
WT104A	Functional	11/12/1990	10.00	Stainless Steel	2	16.3	765.01	762.32	756.02	746.02	Upper	2351753.99	234123.86
WT105A	Functional	11/10/1990	10.00	Stainless Steel	2	16.0	762.37	760.07	754.07	744.07	Upper	2351430.59	235211.48
WT106A	Functional	11/9/1990	10.00	Stainless Steel	2	16.3	761.00	758.46	752.16	742.16	Upper	2351184.52	235885.61
WT111A	Functional	9/10/1991	10.00	Stainless Steel	2	20.0	766.00	764.30	754.30	744.30	Upper	2352165.35	234465.00
WT112A	Functional	8/23/1995	10.00	PVC	2	15.4	765.28	763.71	758.31	748.31	Upper	2353912.48	234933.96
WT113A	Functional	8/10/1995	10.00	PVC	2	21.7	771.27	769.32	757.62	747.62	Upper	2353866.00	235898.24
WT114A	Functional	8/21/1995	10.00	PVC	2	22.0	768.62	766.82	754.82	744.82	Upper	2352102.29	236069.62
WT115A	Functional	8/22/1995	10.00	PVC	2	17.4	765.48	763.28	755.88	745.88	Upper	2351932.43	235367.05
WT115B	Functional	2/22/2011	5.00	PVC	2	28.0	765.88	762.70	739.70	734.70	Upper	2351923.33	235380.73
WT116A	Damaged	8/17/1995	10.00	PVC	2	12.6	763.35	761.30	758.70	748.70	Upper	2352184.92	234891.00
WT117A	Functional	8/15/1995	10.00	PVC	2	15.5	766.70	764.66	759.16	749.16	Upper	2352463.27	234015.45
WT117C	Functional	5/6/2010	5.00	PVC	2	28.0	766.53	763.74	740.74	735.71	Upper	2352476.42	234005.49
WT119A	Damaged	10/14/1998	10.00	PVC	2	17.5		Not Surveyed			Upper	Not Surveyed	
WT119B	Functional	5/10/2010	10.00	PVC	2	18.0	762.62	760.32	752.32	742.32	Upper	2351888.96	234845.50
WT120C	Functional	2/24/2011	5.00	PVC	2	17.0	762.11	762.57	750.57	745.57	Upper	2352052.29	236578.54
WT121A	Functional	2/28/2011	5.00	PVC	2	24.0	758.48	758.87	739.87	734.87	Upper	2351213.71	236533.21
WT122A	Functional	2/23/2011	5.00	PVC	2	25.0	762.58	763.03	743.03	738.03	Upper	2351740.44	235154.91
WTB2	Damaged	11/3/1977	10.00	Black Steel	2	11.9	762.70	760.82	758.92	748.92	Upper	2353858.07	234068.99
WTO1	Destroyed	5/1/1979	5.00	PVC	2	30.0		Not Surveyed			Upper	Not Surveyed	
WTO2	Functional	5/5/2010	5.00	PVC	2	37.0	765.95	763.15	731.15	726.15	Upper	2352659.27	235970.66

TABLE 2.1

MONITORING WELL STATUS
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Well ID	*Status*	*Installation Date*	*Screen Length (ft)*	*Material*	*Casing Diameter (inches)*	*Installed Depth (ft bgs)*	*Reference Elevation (ft AMSL)*	*Ground Surface (ft AMSL)*	*Top of Well Screen (ft AMSL)*	*Bottom of Well Screen (ft AMSL)*	*Aquifer Designation*	*Northing*	*Easting*
INTERMEDIATE AQUIFER WELLS (710 - 610 ft AMSL)													
WT101B	Functional	12/14/1990	5.00	Stainless Steel	2	98.0	763.70	761.28	668.28	663.28	Intermediate	2351874.60	235726.81
WT101D	Functional	5/3/2010	5.00	PVC	2	63.0	763.62	761.63	703.63	698.30	Intermediate	2351877.84	235718.22
WT101E	Functional	5/4/2010	5.00	PVC	2	123.0	763.40	761.52	643.52	638.52	Intermediate	2351861.93	235726.50
WT102B	Functional	12/2/1990	5.00	Stainless Steel	2	65.4	768.22	765.87	705.47	700.47	Intermediate	2355133.90	234051.70
WT106B	Functional	5/10/2010	5.00	PVC	2	115.0	761.53	758.71	648.71	643.71	Intermediate	2351175.05	235885.57
WT112B	Functional	8/23/1995	5.00	PVC	2	59.4	765.54	763.55	709.15	704.15	Intermediate	2353912.39	234943.21
WT113B	Functional	8/10/1995	5.00	PVC	2	67.2	771.47	769.52	707.32	702.32	Intermediate	2353861.31	235888.26
WT114B	Functional	8/22/1995	5.00	PVC	2	65.3	768.77	766.95	706.65	701.65	Intermediate	2352092.21	236067.36
WT114C	Functional	5/11/2010	5.00	PVC	2	127.0	768.87	766.14	644.14	639.14	Intermediate	2352110.84	236068.83
WT115C	Functional	2/22/2011	5.00	PVC	2	68.0	765.71	762.51	699.51	694.51	Intermediate	2351929.28	235375.59
WT116B	Functional	8/17/1995	5.00	PVC	2	58.4	763.33	762.04	708.64	703.64	Intermediate	2352190.18	234881.80
WT117B	Functional	8/14/1995	5.00	PVC	2	61.3	766.13	764.20	707.90	702.90	Intermediate	2352463.66	234002.76
WT117D	Functional	5/6/2010	5.00	PVC	2	112.0	766.58	763.90	656.90	651.90	Intermediate	2352476.61	234013.25
WT118B	Functional	8/18/1995	5.00	PVC	2	62.5	765.99	763.56	706.06	701.06	Intermediate	2352178.19	234466.70
WT120A	Functional	5/12/2010	5.00	PVC	2	73.0	762.19	762.43	694.43	689.43	Intermediate	2352059.17	236578.58
WT120B	Functional	5/12/2010	5.00	PVC	2	117.0	762.18	762.58	650.58	645.58	Intermediate	2352065.60	236578.16
WT121B	Functional	2/28/2011	5.00	PVC	2	63.0	758.46	758.74	700.74	695.74	Intermediate	2351219.53	236532.99
WT122B	Functional	2/23/2011	5.00	PVC	2	63.0	762.75	762.98	704.98	699.98	Intermediate	2351740.49	235148.61
WT122C	Functional	2/24/2011	5.00	PVC	2	103.0	762.63	762.97	664.97	659.97	Intermediate	2351743.38	235142.97
WTB3	Functional	10/17/1977	10.00	PVC	5	135.0	762.74	760.62	635.62	625.62	Intermediate	2353858.37	234077.13
WTE1	Functional	10/11/1977	10.00	PVC	5	81.0	765.21	762.54	691.54	681.54	Intermediate	2351825.29	235236.36
WTO3	Functional	5/5/2010	5.00	PVC	2	92.0	765.65	763.00	676.00	671.00	Intermediate	2352652.85	235969.84
WTO4	Functional	5/4/2010	5.00	PVC	2	132.0	765.29	762.77	635.77	630.77	Intermediate	2352646.28	235971.31

TABLE 2.1

MONITORING WELL STATUS
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Well ID	*Status*	*Installation Date*	*Screen Length (ft)*	*Material*	*Casing Diameter (inches)*	*Installed Depth (ft bgs)*	*Reference Elevation (ft AMSL)*	*Ground Surface (ft AMSL)*	*Top of Well Screen (ft AMSL)*	*Bottom of Well Screen (ft AMSL)*	*Aquifer Designation*	*Northing*	*Easting*
LOWER AQUIFER WELLS (610 - 275 ft AMSL)													
WT101C	Functional	12/12/1990	5.00	Stainless Steel	2	165.0	763.57	760.93	600.93	595.93	Lower	2351860.60	235732.84
WT102C	Functional	12/1/1990	5.00	Stainless Steel	2	159.5	768.65	765.94	611.44	606.44	Lower	2355123.61	234053.78
WT106C	Functional	3/30/2011	5.00	PVC	2	208.0	757.72	758.06	555.06	550.06	Lower	2351154.95	235894.48
WTB1	Functional	10/6/1977	6.00	PVC	5	473.0	763.06	761.58	294.58	288.58	Lower	2353857.39	234061.79
WTB4	Functional	10/7/1977	5.00	PVC	5	173.0	761.77	760.67	592.67	587.67	Lower	2353855.62	234084.92
WTE3	Functional	10/11/1977	5.00	PVC	5	176.0	764.91	762.27	591.27	586.27	Lower	2351806.96	235231.77

TABLE 2.2

INTERIM GROUNDWATER MONITORING PROGRAM
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

WT101A	WT116A
WT101B	WT116B[3]
WT101C	WT117A
WT101D	WT117B
WT101E	WT117C
WT102A[1]	WT117D
WT102B[1]	WT118B
WT102C[1]	WT119B
WT103A	WT120A
WT104A	WT120B
WT105A	WT120C[3]
WT106A	WT121A[3]
WT106B	WT121B[3]
WT106C[3]	WT122A[3]
WT111A	WT122B[3]
WT112A[1][2]	WT122C[3]
WT112B[1]	WTB1
WT113A[1]	WTB3
WT113B[1]	WTB4
WT114A	WTE1
WT114B	WTE3
WT114C	WTO2
WT115A	WTO3
WT115B[3]	WTO4
WT115C[3]	

Notes:

(1) Property owner withdrew permission to access the well. Samples were not collected in December 2010 and June 2011.
(2) Monitoring well was obstructed in March 2011, which prevented sampling.
(3) Phase III monitoring well. Routine groundwater sampling commenced in March 2011. Quarterly sampling shall be conducted for one year, ending December 2011.

TABLE 2.3

INTERIM GROUNDWATER MONITORING PROGRAM PARAMETER LIST
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Volatile Organic Compounds

1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloro-1,2,2-trifluoroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,2,4-Trichlorobenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,2-Dichloroethane
1,2-Dichloropropane
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2-Butanone
2-Hexanone
4-Methyl-2-pentanone
Acetone
Benzene
Bromodichloromethane
Bromoform
Bromomethane
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
Cyclohexane
Dibromochloromethane
Dichlorodifluoromethane
Ethylbenzene
Isopropylbenzene (Cumene)
Methyl Acetate
Methyl tert Butyl Ether
Methylcyclohexane
Methylene chloride
Styrene
Tetrachloroethene
Toluene
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
Trichloroethene
Trichlorofluoromethane
Vinyl chloride
Xylenes (total)

TABLE 2.3

INTERIM GROUNDWATER MONITORING PROGRAM PARAMETER LIST
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Semi-volatile Organic Compounds

1,1'-Biphenyl
2,2'-oxybis(1-Chloropropane)
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chloronaphthalene
2-Chlorophenol
2-Methylnaphthalene
2-Methylphenol
2-Nitroaniline
2-Nitrophenol
3,3'-Dichlorobenzidine
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4-Bromophenylphenyl ether
4-Chloro-3-methylphenol
4-Chloroaniline
4-Chlorophenyl phenyl ether
4-Methylphenol
4-Nitroaniline
4-Nitrophenol
Acenaphthene
Acenaphthylene
Acetophenone
Anthracene
Atrazine
Benzaldehyde
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(g,h,i)perylene
Benzo(k)fluoranthene
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Ethylhexyl)phthalate
Butylbenzylphthalate
Caprolactam
Carbazole
Chrysene
Dibenz(a,h)anthracene
Dibenzofuran
Diethylphthalate
Dimethylphthalate
Di-n-butyphthalate
Di-n-octylphthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Naphthalene
Nitrobenzene
N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine
Pentachlorophenol
Phenanthrene
Phenol
Pyrene

TABLE 2.3

INTERIM GROUNDWATER MONITORING PROGRAM PARAMETER LIST
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

TAL Metals

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

Water Quality Parameters

- Bromide
- Chloride
- Sulfate
- Cyanide

TABLE 4.1

GROUNDWATER ANALYTICAL RESULTS SUMMARY - VOCs
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Parameters	*Units*	*GWRAOs*	*Number of Detections*	*Percentage of Detections*	*Number of Samples*	*Number Of Exceedances*	*Percentage of Exceedances*	*Minimum Detection*	*Maximum Detection*
Volatile Organic Compounds									
1,1-Dichloroethane	µg/L	240	46	35.9%	128	0	0.0%	0.47 J	7.2 J
1,2-Dichloropropane	µg/L	5	7	5.5%	128	0	0.0%	0.18 J	0.52 J
1,4-Dichlorobenzene	µg/L	75	4	3.1%	128	0	0.0%	0.23 J	3.1
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10	7.8%	128	N/A	N/A	0.74 J	6.0 J
2-Hexanone	µg/L	-	2	1.6%	128	N/A	N/A	1.1 J	1.2 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	2	1.6%	128	N/A	N/A	0.42 J	0.57 J
Acetone	µg/L	-	1	0.8%	128	N/A	N/A	1.3 J	1.3 J
Benzene	µg/L	5	20	15.6%	128	3	2.3%	0.18 J	30
Carbon disulfide	µg/L	10000	45	35.2%	128	0	0.0%	0.14 J	8.9
Chlorobenzene	µg/L	100	3	2.3%	128	0	0.0%	0.44 J	0.65 J
Chloroethane	µg/L	-	13	10.2%	128	N/A	N/A	0.53 J	7.6
Chloroform (Trichloromethane)	µg/L	-	2	1.6%	128	N/A	N/A	0.16 J	0.33 J
cis-1,2-Dichloroethene	µg/L	70	30	23.4%	128	0	0.0%	0.18 J	2.4
Cyclohexane	µg/L	-	4	3.1%	128	N/A	N/A	0.18 J	0.38 J
Dichlorodifluoromethane (CFC-12)	µg/L	-	10	7.8%	128	N/A	N/A	0.32 J	1.2
Ethylbenzene	µg/L	700	2	1.6%	128	0	0.0%	1.2 J	2.5 J
Isopropyl benzene	µg/L	-	8	6.3%	128	N/A	N/A	0.21 J	0.89 J
Methylene chloride	µg/L	5	1	0.8%	128	0	0.0%	1.1	1.1
Toluene	µg/L	1000	5	3.9%	128	0	0.0%	0.15 J	3.2 J
Trichloroethene	µg/L	5	5	3.9%	128	0	0.0%	0.17 J	1.5
Vinyl chloride	µg/L	2	24	18.8%	128	0	0.0%	0.24 J	1.5
Xylenes (total)	µg/L	10000	2	1.6%	128	0	0.0%	3.7 J	7.3 J

Notes:

J	Estimated concentration
N/A	Not Applicable
GW RAO	Groundwater Remedial Action Objective

TABLE 4.2

GROUNDWATER ANALYTICAL RESULTS SUMMARY - SVOCs
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Parameters	*Units*	*GWRAOs*	*Number of Samples*	*Number of Detections*	*Number Of Exceedances*	*Percentage of Exceedances*	*Minimum Detection*	*Maximum Detection*
Semivolatile Organic Compounds								
2,4-Dimethylphenol	µg/L	-	128	2	N/A	N/A	3.7	3.7
3&4-Methylphenol	µg/L	-	128	7	N/A	N/A	0.84 J	5.1
Acetophenone	µg/L	-	128	20	N/A	N/A	0.40 J	2.9
Benzo(a)anthracene	µg/L	-	128	1	N/A	N/A	0.37	0.37
Benzo(a)pyrene	µg/L	0.2	128	1	1	0.78%	0.43	0.43
Benzo(b)fluoranthene	µg/L	-	128	1	N/A	N/A	0.58	0.58
Benzo(g,h,i)perylene	µg/L	-	128	1	N/A	N/A	0.66	0.66
Benzo(k)fluoranthene	µg/L	-	128	1	N/A	N/A	0.60	0.60
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	128	8	0	0.00%	0.8 J	1.2 J
Butyl benzylphthalate (BBP)	µg/L	-	128	5	N/A	N/A	0.91 J	1.8
Chrysene	µg/L	-	128	1	N/A	N/A	0.38	0.38
Dibenz(a,h)anthracene	µg/L	-	128	1	N/A	N/A	0.49	0.49
Diethyl phthalate	µg/L	-	128	5	N/A	N/A	0.84 J	4.2
Di-n-butylphthalate (DBP)	µg/L	-	128	1	N/A	N/A	0.64 J	0.64 J
Di-n-octyl phthalate (DnOP)	µg/L	-	128	1	N/A	N/A	1	1
Indeno(1,2,3-cd)pyrene	µg/L	-	128	1	N/A	N/A	0.60	0.6
Isophorone	µg/L	-	128	1	N/A	N/A	1.0	1.0
Naphthalene	µg/L	-	128	1	N/A	N/A	0.63	0.63
Phenanthrene	µg/L	-	128	1	N/A	N/A	0.30	0.30
Phenol	µg/L	-	128	5	N/A	N/A	1.2	12

Notes:

J	Estimated concentration
N/A	Not Applicable
GW RAO	Groundwater Remedial Action Objective

TABLE 4.3

GROUNDWATER ANALYTICAL RESULTS SUMMARY - METALS - UPPER AQUIFER
2011ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Parameters	*Units*	*Primary MCL*	*Secondary MCL*	*RDA*	*RSL Tapwater*	*BV*	*GW RAO*	*Number of Detections*	*Percentage of Detections*	*Number of Samples*	*Number of Exceedances*	*Percentage of Exceedances*	*Minimum Detection*	*Maximum Detection*
Metals														
Aluminum	µg/L	-	50	-	37000	860	37000	31	64.6%	48	0	0.0%	20.9 J	31000
Antimony	µg/L	6	-	-	15	42.2 UJ	42.2 UJ	10	20.8%	48	0	0.0%	0.15 J	1.6 J
Arsenic	µg/L	10	-	-	0.045	6.9 U	10	41	85.4%	48	0	0.0%	0.40 J	8.9
Barium	µg/L	2000	-	-	7300	75	2000	47	97.9%	48	0	0.0%	7.7 J	210
Beryllium	µg/L	4	-	-	73	3.1 BJ	4	2	4.2%	48	0	0.0%	0.48 J	0.96 J
Cadmium	µg/L	5	-	-	18	4.6 UJ	5	0	0.0%	48	N/A	N/A	-	-
Calcium	µg/L	-	-	250000	-	275000	275000	48	100.0%	48	10	20.8%	17000	712000
Chromium	µg/L	100	-	-	-	1180	1180	17	35.4%	48	0	0.0%	2.3 J	31
Cobalt	µg/L	-	-	-	11	50 U	50 U	12	25.0%	48	0	0.0%	1.7 J	9.6 J
Copper	µg/L	1300	1000	-	1500	50.6	1300	5	10.4%	48	0	0.0%	8.6 J	34
Iron	µg/L	-	300	1000	26000	7720	26000	43	89.6%	48	2	4.2%	162	35100
Lead	µg/L	15	-	-	-	3.0 U	15	2	4.2%	48	0	0.0%	2.3 J	13
Magnesium	µg/L	-	-	-	-	-	-	48	100.0%	48	-	-	2800 J	73000
Manganese	µg/L	-	50	-	880	712	880	44	91.7%	48	5	10.4%	1.3 J	2210
Mercury	µg/L	2	-	-	0.57	0.2 U	2	1	2.1%	48	0	0.0%	0.12 J	0.12 J
Nickel	µg/L	-	-	-	-	-	-	17	35.4%	48	-	-	3.2 J	62.8
Potassium	µg/L	-	-	-	-	-	-	47	97.9%	48	-	-	755 J	22700
Selenium	µg/L	50	-	-	180	6.0 UJ	50	1	2.1%	48	0	0.0%	5.6	5.6
Silver	µg/L	-	-	-	180	19.5	19.5	0	0.0%	48	N/A	N/A	-	-
Sodium	µg/L	-	-	150000	-	106000	150000	48	100.0%	48	4	8.3%	2200 J	221000
Thallium	µg/L	2	-	-	-	12.35	12.35	3	6.3%	48	0	0.0%	0.16 J	0.38 J
Vanadium	µg/L	-	-	-	2.6	50 U	50 U	23	47.9%	48	0	0.0%	0.70 J	43 J
Zinc	µg/L	-	5000	-	11000	34.1 U	11000	4	8.3%	48	0	0.0%	66	632
General Chemistry														
Bromide	mg/L	-	-	-	-	-	-	24	50.0%	48	-	-	0.081 J	3.1
Chloride	mg/L	-	250	-	-	258	258	48	100.0%	48	2	4.2%	1.3	324
Cyanide (total)	mg/L	0.2	-	-	-	0.01 U	0.2	7	14.6%	48	0	0.0%	0.0061 J	0.054
Sulfate	mg/L	-	250	-	-	965	965	48	100.0%	48	1	2.1%	12	1260

Notes:

MCL	Maximum Contaminant Level
RDA	Recommended Dietary Allowance
RSL	Regional Screening Level
BV	Background Value
GW RAO	Groundwater Remedial Action Objective
J	Estimated concentration
N/A	Not Applicable

TABLE 4.4

GROUNDWATER ANALYTICAL RESULTS SUMMARY - METALS - INTERMEDIATE AQUIFER
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Parameters	*Units*	*Primary MCL*	*Secondary MCL*	*RDA*	*RSL Tapwater*	*BV*	*GWRAO*	*Number of Detections*	*Percentage of Detections*	*Number of Samples*	*Number of Exceedances*	*Percentage of Exceedances*	*Minimum Detection*	*Maximum Detection*
Metals														
Aluminum	µg/L	-	50	-	37000	860	37000	17	26.2%	65	0	0.0%	23 J	300
Antimony	µg/L	6	-	-	15	37 U	37 U	5	7.7%	65	0	0.0%	0.16 J	0.49 J
Arsenic	µg/L	10	-	-	0.045	7.9	10	59	90.8%	65	12	18.5%	0.47 J	20
Barium	µg/L	2000	-	-	7300	133	2000	64	98.5%	65	0	0.0%	34 J	390
Beryllium	µg/L	4	-	-	73	2.7 U	4	2	3.1%	65	0	0.0%	0.56 J	0.68 J
Cadmium	µg/L	5	-	-	18	3.05 U	5	0	0.0%	65	N/A	N/A	-	-
Calcium	µg/L	-	-	250000	-	86000	250000	65	100.0%	65	0	0.0%	51100	180000
Chromium	µg/L	100	-	-	-	89	100	8	12.3%	65	0	0.0%	2.3 J	20.3
Cobalt	µg/L	-	-	-	11	50 U	50 U	0	0.0%	65	N/A	N/A	N/A	N/A
Copper	µg/L	1300	1000	-	1500	25 U	1300	1	1.5%	65	0	0.0%	5.4 J	5.4 J
Iron	µg/L	-	300	1000	26000	1870	26000	63	96.9%	65	0	0.0%	110	6400
Lead	µg/L	15	-	-	-	3.0 U	15	1	1.5%	65	0	0.0%	2.0 J	2.0 J
Magnesium	µg/L	-	-	-	-	-	-	65	100.0%	65	-	-	12000	66900
Manganese	µg/L	-	50	-	880	173	880	65	100.0%	65	0	0.0%	10.0 J	550
Mercury	µg/L	2	-	-	0.57	0.20 U	2	0	0.0%	65	N/A	N/A	-	-
Nickel	µg/L	-	-	-	-	-	-	5	7.7%	65	-	-	5.1 J	7.9 J
Potassium	µg/L	-	-	-	-	-	-	64	98.5%	65	-	-	860 J	28900
Selenium	µg/L	50	-	-	180	5.0 U	50	0	0.0%	65	N/A	N/A	-	-
Silver	µg/L	-	-	-	180	10 U	180	0	0.0%	65	N/A	N/A	-	-
Sodium	µg/L	-	-	150000	-	31100	150000	65	100.0%	65	0	0.0%	4100 J	57000
Thallium	µg/L	2	-	-	-	9.85	9.85	11	16.9%	65	0	0.0%	0.14 J	0.42 J
Vanadium	µg/L	-	-	-	2.6	50.0 U	50.0 U	1	1.5%	65	0	0.0%	0.81 J	0.81 J
Zinc	µg/L	-	5000	-	11000	34.1 U	11000	3	4.6%	65	0	0.0%	5.1 J	19.0 J
General Chemistry														
Bromide	mg/L	-	-	-	-	-	-	17	26.2%	65	-	-	0.10 J	1.6
Chloride	mg/L	-	250	-	-	55	250	65	100.0%	65	0	0.0%	1.4	86
Cyanide (total)	mg/L	0.2	-	-	-	0.01 U	0.2	9	13.8%	65	0	0.0%	0.0072 J	0.055
Sulfate	mg/L	-	250	-	-	430	430	65	100.0%	65	0	0.0%	7.5	271

Notes:

MCL	Maximum Contaminant Level
RDA	Recommended Dietary Allowance
RSL	Regional Screening Level
BV	Background Value
GW RAO	Groundwater Remedial Action Objective
J	Estimated concentration
N/A	Not Applicable

TABLE 4.5

GROUNDWATER ANALYTICAL RESULTS SUMMARY - METALS - LOWER AQUIFER
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Parameters	*Units*	*Primary MCL*	*Secondary MCL*	*RDA*	*RSL Tapwater*	*BV*	*GWRAO a*	*Number of Detections*	*Percentage of Detections*	*Number of Samples*	*Number of Exceedances*	*Percentage of Exceedances*	*Minimum Detection*	*Maximum Detection*
Metals														
Aluminum	µg/L	-	50	-	37000	860	37000	5	33.3%	15	0	0.0%	30.0 J	3900
Antimony	µg/L	6	-	-	15	1.89	6	3	20.0%	15	0	0.0%	0.14 J	0.9 J
Arsenic	µg/L	10	-	-	0.045	5.17	10	12	80.0%	15	0	0.0%	0.52 J	8.3
Barium	µg/L	2000	-	-	7300	346	2000	15	100.0%	15	0	0.0%	41.5 J	298
Beryllium	µg/L	4	-	-	73	4.5 BJ	4.5 BJ	2	13.3%	15	0	0.0%	0.52 J	0.54 J
Cadmium	µg/L	5	-	-	18	1.0 U	5	0	0.0%	15	N/A	N/A	-	-
Calcium	µg/L	-	-	250000	-	122000	250000	15	100.0%	15	0	0.0%	44000	196000 J
Chromium	µg/L	100	-	-	-	33.6	100	3	20.0%	15	0	0.0%	4.7 J	14.3
Cobalt	µg/L	-	-	-	11	50 U	50 U	1	6.7%	15	0	0.0%	2.7 J	2.7 J
Copper	µg/L	1300	1000	-	1500	25 U	1300	2	13.3%	15	0	0.0%	5.2 J	5.6 J
Iron	µg/L	-	300	1000	26000	4930	26000	14	93.3%	15	0	0.0%	133	7670
Lead	µg/L	15	-	-	-	3.0 U	15	1	6.7%	15	0	0.0%	3.9	3.9
Magnesium	µg/L	-	-	-	-	-	-	15	100.0%	15	-	-	19100	88200 J
Manganese	µg/L	-	50	-	880	570	880	14	93.3%	15	0	0.0%	10.3 J	771 J
Mercury	µg/L	2	-	-	0.57	0.2 U	2	0	0.0%	15	N/A	N/A	-	-
Nickel	µg/L	-	-	-	-	-	-	7	46.7%	15	-	-	3.4 J	12.7 J
Potassium	µg/L	-	-	-	-	-	-	14	93.3%	15	-	-	767 J	11000
Selenium	µg/L	50	-	-	180	5.0 U	50	1	6.7%	15	0	0.0%	4.2 J	4.2 J
Silver	µg/L	-	-	-	180	10.0 U	180	0	0.0%	15	N/A	N/A	-	-
Sodium	µg/L	-	-	150000	-	70800	150000	15	100.0%	15	0	0.0%	3940 J	58700
Thallium	µg/L	2	-	-	-	1.0 U	2	5	33.3%	15	0	0.0%	0.17 J	0.33 J
Vanadium	µg/L	-	-	-	2.6	59	59	2	13.3%	15	0	0.0%	0.87 J	9.7 J
Zinc	µg/L	-	5000	-	11000	40	11000	2	13.3%	15	0	0.0%	7.3 J	31.6 J
General Chemistry														
Bromide	mg/L	-	-	-	-	-	-	11	73.3%	15	-	-	0.092 J	0.43 J
Chloride	mg/L	-	250	-	-	71.8	250	15	100.0%	15	0	0.0%	2.5	67.6 J
Cyanide (total)	mg/L	0.2	-	-	-	0.01 U	0.2	4	26.7%	15	0	0.0%	0.0086 J	0.038
Sulfate	mg/L	-	250	-	-	68.7	250	12	80.0%	15	0	0.0%	0.24 J	130

Notes:

MCL	Maximum Contaminant Level
RDA	Recommended Dietary Allowance
RSL	Regional Screening Level
BV	Background Value
GW RAO	Groundwater Remedial Action Objective
J	Estimated concentration
N/A	Not Applicable

TABLE 5.1

GROUNDWATER MONITORING PROGRAM
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

UPPER AQUIFER WELLS

Detection Monitoring Wells

WT101A
WT115A
WT116A

Compliance Monitoring Wells

WT106A
WT111A
WT114A
WT115B
WT119B
WT120C
WT121A
WT122A

Background Monitoring Well
WT102A

INTERMEDIATE AQUIFER WELLS

Detection Monitoring Wells

WT106B
WT114C
WT120B

Compliance Monitoring Wells

WT101D
WT101E
WT114B
WT120A
WT121B

Background Monitoring Well
WT102B

LOWER AQUIFER WELLS

Compliance Monitoring Wells

WT101C
WTE3

TABLE 5.2

GROUNDWATER MONITORING PROGRAM PARAMETER LIST
2011 ANNUAL GROUNDWATER MONITORING REPORT
HIMCO SITE
ELKHART, INDIANA

Volatile Organic Compounds
Benzene
Vinyl chloride
1,1-Dichloroethane
Cis-1,2-Dichloroethene
Carbon Disulfide

Semi-Volatile Organic Compounds
Bis- (2ethylhexyl)phthalate

Metals
Aluminium
Arsenic
Barium
Beryllium
Calcium
Iron
Lead
Manganese
Mercury
Sodium

General Chemistry
Sulfate
Chloride

APPENDIX A

e:DAT (ELECTRONIC DATA ACCESS TOOL)

Note: This file is on a separate CD.

APPENDIX B

TABLE OF ANALYTICAL RESULTS

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT101A*	*WT101A*	*WT101A*	*WT101B*	*WT101B*	*WT101B*	*WT101C*	*WT101C*	*WT101C*
Sample ID:			*GW-WT101A-121410*	*GW-WT101A-030911*	*GW-WT101A-062311*	*GW-WT101B-121410*	*GW-WT101B-030911*	*GW-WT101B-062311*	*GW-WT101C-121410*	*GW-WT101C-030911*	*GW-WT101C-062311*
Sample Date:			*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	4.8	4.8	4.7	0.63 J	0.58 J	0.47 J	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	2.5	3.1	2.1	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	2.7 J	2.4 J	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	3.0	2.2	2.0	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1.0 U	8.9	0.78 J	1.8	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	0.49 J	0.65 J	0.44 J	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	0.70 J	1.5	1.2	7.6	0.94 J	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	0.38 J	0.23 J	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	0.31 J	0.38 J	0.37 J	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	0.53 J	0.22 J	0.21 J	0.85 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT101D*	*WT101D*	*WT101D*	*WT101E*	*WT101E*	*WT101E*	*WT102A*	*WT102B*	*WT102B*
Sample ID:			*GW-WT101D-121410*	*GW-WT101D-030911*	*GW-WT101D-062311*	*GW-WT101E-121410*	*GW-WT101E-030911*	*GW-WT101E-062311*	*GW-WT102A-031611*	*GW-WT102B-031611*	*GW-WT102B-031611-D*
Sample Date:			*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*
											Duplicate
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	3.7	4.0	2.7	3.4	3.2	1.8	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	6.0 J	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	1.2 J	10 U	10 U	1.1 J	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	0.57 J	10 U	10 U	0.42 J	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	12 U	10 U	10 U	13 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	0.29 J	1.3	0.62 J	0.40 J	1.8	1.0 U	0.39 J	0.36 J
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	0.43 J	0.37 J	1.0 U	0.26 J	0.27 J	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT102C*	*WT103A*	*WT103A*	*WT103A*	*WT104A*	*WT104A*	*WT104A*	*WT105A*	*WT106A*
Sample ID:			*GW-WT102C-031611*	*GW-WT103A-120910*	*GW-WT103A-031511*	*GW-WT103A-062311*	*GW-WT104A-120710*	*GW-WT104A-030811*	*GW-WT104A-061611*	*GW-WT105A-120710*	*GW-WT106A-120810*
Sample Date:			*3/16/2011*	*12/9/2010*	*3/15/2011*	*6/23/2011*	*12/7/2010*	*3/8/2011*	*6/16/2011*	*12/7/2010*	*12/8/2010*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	0.28 J	0.47 J	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT106A*	*WT106A*	*WT106B*	*WT106B*	*WT106B*	*WT106C*	*WT106C*	*WT111A*	*WT111A*
Sample ID:			*GW-WT106A-031511*	*GW-WT106A-061611*	*GW-WT106B-120810*	*GW-WT106B-031511*	*GW-WT106B-061611*	*GW-WT106C-040811*	*GW-WT106C-061611*	*GW-WT111A-120910*	*GW-WT111A-031611*
Sample Date:			*3/15/2011*	*6/16/2011*	*12/8/2010*	*3/15/2011*	*6/16/2011*	*4/8/2011*	*6/16/2011*	*12/9/2010*	*3/16/2011*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.4	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2	3.9
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.19 J	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	0.18 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.72 J	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	0.98 J	1.8	0.27 J	1.0 U	1.4	1.0 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	2.3	2.8	1.6	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.16 J	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	0.50 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.76 J	0.58 J
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 J	0.32 J
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23 J	0.41 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	0.83 J	1.0 U	1.0 U	1.0 U	0.33 J	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT111A*	*WT112B*	*WT113A*	*WT113B*	*WT114A*	*WT114A*	*WT114A*	*WT114B*	*WT114B*
Sample ID:			*GW-WT111A-062111*	*GW-WT112B-031611*	*GW-WT113A-031611*	*GW-WT113B-031611*	*GW-WT114A-120810*	*GW-WT114A-030811*	*GW-WT114A-061711*	*GW-WT114B-120810*	*GW-WT114B-030811*
Sample Date:			*6/21/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	3.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.8
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U	0.40 J	0.39 J
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.32 J	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.49 J	0.50 J
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT114B*	*WT114C*	*WT114C*	*WT114C*	*WT114C*	*WT115A*	*WT115A*	*WT115A*	*WT115B*
Sample ID:			*GW-WT114B-061711*	*GW-WT114C-120810*	*GW-WT114C-030811*	*GW-WT114C-030811-D*	*GW-WT114C-061711*	*GW-WT115A-121310*	*GW-WT115A-031111*	*GW-WT115A-062211*	*GW-WT115B-031111*
Sample Date:			*6/17/2011*	*12/8/2010*	*3/8/2011*	*3/8/2011*	*6/17/2011*	*12/13/2010*	*3/11/2011*	*6/22/2011*	*3/11/2011*
						Duplicate					
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1-Dichloroethane	µg/L	-	1.7	4.5	4.5	4.5	4.1	4.8	0.91 J	1.0 U	6.5
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloropropane	µg/L	5	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	0.25 J	1.0 U	1.0 U	2.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**16**	3.6	1.0 U	**30**
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	0.31 J	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	2.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	µg/L	70	0.46 J	1.0 U	1.0 U	1.0 U	1.0 U	0.41 J	1.0 U	1.0 U	2.4
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U	1.0 U	2.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.0 U	1.0 U	2.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2 J
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.3
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.53 J	1.0 U	1.0 U	2.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	3.7 J

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT115B*	*WT115C*	*WT115C*	*WT116A*	*WT116A*	*WT116A*	*WT116B*	*WT116B*	*WT116B*
Sample ID:			*GW-WT115B-062211*	*GW-WT115C-031111*	*GW-WT115C-062211*	*GW-WT116A-121010*	*GW-WT116A-031411*	*GW-WT116A-062211*	*GW-WT116B-121010*	*GW-WT116B-031411*	*GW-WT116B-062211*
Sample Date:			*6/22/2011*	*3/11/2011*	*6/22/2011*	*12/10/2010*	*3/14/2011*	*6/22/2011*	*12/10/2010*	*3/14/2011*	*6/22/2011*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	7.2 J	3.5	3.2	6.1	2.0	1.8	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	20 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	10 U	1.0 U	1.0 U	0.52 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	10 U	1.0 U	1.0 U	0.23 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	29	1.0 U	1.0 U	0.50 J	1.4	1.2	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	3.3 J	1.0 U	0.31 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.85 J	1.1	1.0 U
Chloroform (Trichloromethane)	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	10 U	0.36 J	1.0 U	0.55 J	0.32 J	0.63 J	0.18 J	0.24 J	1.0 U
cis-1,3-Dichloropropene	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	10 U	0.42 J	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	2.5 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	10 U	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	3.2 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	10 U	1.0 U	1.0 U	0.17 J	0.59 J	1.5	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	10 U	0.40 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.39 J	0.48 J
Xylenes (total)	µg/L	10000	7.3 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT117A*	*WT117A*	*WT117A*	*WT117B*	*WT117B*	*WT117B*	*WT117C*	*WT117C*	*WT117C*
Sample ID:			*GW-WT117A-120710*	*GW-WT117A-030811*	*GW-WT117A-061411*	*GW-WT117B-120710*	*GW-WT117B-030811*	*GW-WT117B-061411*	*GW-WT117C-120710*	*GW-WT117C-030811*	*GW-WT117C-061411*
Sample Date:			*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	0.52 J	0.48 J	1.0 U	2.9	2.7	2.7	4.3	5.4	5.1
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	0.59 J	0.49 J	0.53 J	0.55 J	0.75 J	0.87 J
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1.0 U	0.79 J	1.0 U	1.0 U	0.56 J	1.0 U	0.22 J
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	1.0 U	0.27 J	0.21 J	1.0 U	0.69 J	1.0	0.98 J
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.77 J	0.61 J	0.83 J
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.4	1.4
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT117D*	*WT117D*	*WT117D*	*WT118B*	*WT118B*	*WT118B*	*WT118B*	*WT119B*	*WT119B*
Sample ID:			*GW-WT117D-120710*	*GW-WT117D-030811*	*GW-WT117D-061411*	*GW-WT118B-120910*	*GW-WT118B-031611*	*GW-WT118B-062111*	*GW-WT118B-062111-D*	*GW-WT119B-121010*	*GW-WT119B-031411*
Sample Date:			*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*6/21/2011*	*12/10/2010*	*3/14/2011*
									Duplicate		
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	0.24 J	1.0 U	0.33 J	1.0 U	1.0 U	2.0 U	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	0.44 J	1.0 U	0.38 J	0.46 J	2.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT119B*	*WT119B*	*WT120A*	*WT120A*	*WT120A*	*WT120A*	*WT120B*	*WT120B*	*WT120B*
Sample ID:			*GW-WT119B-031411-D*	*GW-WT119B-062211*	*GW-WT120A-120810*	*GW-WT120A-120810-D*	*GW-WT120A-030811*	*GW-WT120A-061511*	*GW-WT120B-120810*	*GW-WT120B-031011*	*GW-WT120B-061511*
Sample Date:			*3/14/2011*	*6/22/2011*	*12/8/2010*	*12/8/2010*	*3/8/2011*	*6/15/2011*	*12/8/2010*	*3/10/2011*	*6/15/2011*
		USEPA	*Duplicate*			*Duplicate*					
Parameters	*Units*	*Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	0.30 J	1.0 U	0.41 J	1.0 U	0.14 J
Carbon tetrachloride	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT120C*	*WT120C*	*WT121A*	*WT121A*	*WT121B*	*WT121B*	*WT122A*	*WT122A*	*WT122B*
Sample ID:			*GW-WT120C-031011*	*GW-WT120C-061511*	*GW-WT121A-031511*	*GW-WT121A-061411*	*GW-WT121B-031511*	*GW-WT121B-061411*	*GW-WT122A-031011*	*GW-WT122A-061611*	*GW-WT122B-031011*
Sample Date:			*3/10/2011*	*6/15/2011*	*3/15/2011*	*6/14/2011*	*3/15/2011*	*6/14/2011*	*3/10/2011*	*6/16/2011*	*3/10/2011*
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	1.0 U	2.1	1.9	1.0 U	1.0 U	5.3	4.4	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J	0.53 J	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1.0 U	0.19 J	1.0 U	0.61 J	1.0 U	0.16 J	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	0.68 J	0.53 J
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	0.91 J	0.86 J	1.0 U	1.0 U	0.97 J	0.94 J	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.84 J	0.69 J	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 J	0.38 J	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	0.69 J	0.79 J	0.78 J	0.63 J	0.34 J
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT122B*	*WT122C*	*WT122C*	*WT122C*	*WTB1*	*WTB1*	*WTB1*	*WTB3*	*WTB3*
Sample ID:			*GW-WT122B-061611*	*GW-WT122C-031011*	*GW-WT122C-061611*	*GW-WT122C-061611-D*	*GW-WTB1-120910*	*GW-WTB1-031711*	*GW-WTB1-062411*	*GW-WTB3-120910*	*GW-WTB3-031511*
Sample Date:			*6/16/2011*	*3/10/2011*	*6/16/2011*	*6/16/2011*	*12/9/2010*	*3/17/2011*	*6/24/2011*	*12/9/2010*	*3/15/2011*
						Duplicate					
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.75 J	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.44 J
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	0.24 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WTB3*	*WTB4*	*WTB4*	*WTB4*	*WTE1*	*WTE1*	*WTE1*	*WTE3*	*WTE3*	*WTE3*	*WTO2*
Sample ID:			*GW-WTB3-062411*	*GW-WTB4-120910*	*GW-WTB4-031511*	*GW-WTB4-062411*	*GW-WTE1-121410*	*GW-WTE1-031411*	*GW-WTE1-062111*	*GW-WTE3-121410*	*GW-WTE3-031411*	*GW-WTE3-062111*	*GW-WT02-121310*
Sample Date:			*6/24/2011*	*12/9/2010*	*3/15/2011*	*6/24/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/13/2010*
Parameters	*Units*	*USEPA Primary MCL*											
Volatile Organic Compounds													
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	1.1 J	10 U	2.3 J	3.6 J	10 U	10 U	10 U	20 U	1.2 J	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	20 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	20 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	20 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	0.30 J	1.4	2.3	0.83 J	3.1	1.1	1.1	3.3	0.60 J	0.86 J	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0.33 J	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	0.89 J	1.0 U	0.43 J	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	20 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.1	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	0.44 J	1.1 J	1.3	0.27 J	0.25 J	1.0 U	2.0 U	0.25 J	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
\- Not applicable.

TABLE B.1

GROUNDWATER SAMPLING RESULTS - VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WTO2*	*WTO2*	*WTO3*	*WTO3*	*WTO3*	*WTO4*	*WTO4*	*WTO4*	*WTO4*
Sample ID:			*GW-WTO2-030911*	*GW-WT02-062111*	*GW-WT03-121310*	*GW-WTO3-030911*	*GW-WT03-062111*	*GW-WT04-121310*	*GW-WT04-121310-D*	*GW-WTO4-030911*	*GW-WT04-062111*
Sample Date:			*3/9/2011*	*6/21/2011*	*12/13/2010*	*3/9/2011*	*6/21/2011*	*12/13/2010*	*12/13/2010*	*3/9/2011*	*6/21/2011*
									Duplicate		
Parameters	*Units*	*USEPA Primary MCL*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	0.80 J	0.74 J	10 U	10 U
2-Hexanone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	1.3 J	10 U	10 U
Benzene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.29 J	1.0 U
Carbon tetrachloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.15 J	1.0 U
trans-1,2-Dichloroethene	µg/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
* The total concentration of Trihalomethanes (Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform) cannot exceed 80 µg/L.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT101A*	*WT101A*	*WT101A*	*WT101B*	*WT101B*	*WT101B*	*WT101C*	*WT101C*	*WT101C*	*WT101D*
Sample ID:			*GW-WT101A-121410*	*GW-WT101A-030911*	*GW-WT101A-062311*	*GW-WT101B-121410*	*GW-WT101B-030911*	*GW-WT101B-062311*	*GW-WT101C-121410*	*GW-WT101C-030911*	*GW-WT101C-062311*	*GW-WT101D-121410*
Sample Date:			*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*
Parameters	*Units*	*USEPA Primary MCL* a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
3&4-Methylphenol	µg/L	-	-	-	2.0 U	-	-	2.1 U	-	-	2.3 U	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 UJ	5.0 U	5.0 U	5.7 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.3 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Acetophenone	µg/L	-	1.0 U	1.0 U	1.0 U	1.4	0.95 J	2.0	1.0 U	1.0 U	1.1 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Atrazine	µg/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 UJ	0.20 U	0.20 U	0.23 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.1 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	1.0 J	1.0 J	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.6 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.91 J
Caprolactam	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 UJ	5.0 U	5.0 U	5.7 U	5.0 U
Carbazole	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT101A*	*WT101A*	*WT101A*	*WT101B*	*WT101B*	*WT101B*	*WT101C*	*WT101C*	*WT101C*	*WT101D*
Sample ID:			*GW-WT101A-121410*	*GW-WT101A-030911*	*GW-WT101A-062311*	*GW-WT101B-121410*	*GW-WT101B-030911*	*GW-WT101B-062311*	*GW-WT101C-121410*	*GW-WT101C-030911*	*GW-WT101C-062311*	*GW-WT101D-121410*
Sample Date:			*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Diethyl phthalate	µg/L	-	2.8	4.2	2.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U
Hexachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Isophorone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.63	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.7 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U
Phenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.23 U	0.20 U

Notes:

a	USEPA Primary Maximum Contaminant Level
J	Value is estimated.
U	Not present at or above the associated value.
UJ	The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
-	Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT101D*	*WT101D*	*WT101E*	*WT101E*	*WT101E*	*WT102A*	*WT102B*	*WT102B*	*WT102C*	*WT103A*
Sample ID:			*GW-WT101D-030911*	*GW-WT101D-062311*	*GW-WT101E-121410*	*GW-WT101E-030911*	*GW-WT101E-062311*	*GW-WT102A-031611*	*GW-WT102B-031611*	*GW-WT102B-031611-D*	*GW-WT102C-031611*	*GW-WT103A-120910*
Sample Date:			*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*12/9/2010*
										Duplicate		
Parameters	*Units*	*USEPA Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
2,4,5-Trichlorophenol	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
2,4,6-Trichlorophenol	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
2,4-Dichlorophenol	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
2,4-Dimethylphenol	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
2,4-Dinitrophenol	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
2,4-Dinitrotoluene	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
2,6-Dinitrotoluene	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
2-Chloronaphthalene	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
2-Chlorophenol	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
2-Methylnaphthalene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
2-Methylphenol	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
2-Nitroaniline	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
2-Nitrophenol	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
3&4-Methylphenol	µg/L	-	-	2.0 J	-	-	2.2 U	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
3-Nitroaniline	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
4-Chloroaniline	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
4-Methylphenol	µg/L	-	1.0 UJ	-	1.0 U	1.0 U	-	1.0 U	1.5	2.2	1.0 UJ	2.5 U
4-Nitroaniline	µg/L	-	2.0 UJ	2.1 U	2.0 U	2.0 U	2.2 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
4-Nitrophenol	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
Acenaphthene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Acenaphthylene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Acetophenone	µg/L	-	1.0 UJ	0.58 J	1.0 U	1.0 U	0.99 J	1.0 U	0.46 J	0.57 J	0.62 J	2.5 U
Anthracene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Atrazine	µg/L	3	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Benzaldehyde	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Benzo(a)anthracene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Benzo(a)pyrene	µg/L	0.2	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Benzo(b)fluoranthene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Benzo(g,h,i)perylene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Benzo(k)fluoranthene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 UJ	2.1 U	2.0 U	2.0 U	2.6 U	2.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Caprolactam	µg/L	-	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
Carbazole	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Chrysene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT101D*	*WT101D*	*WT101E*	*WT101E*	*WT101E*	*WT102A*	*WT102B*	*WT102B*	*WT102C*	*WT103A*
Sample ID:			*GW-WT101D-030911*	*GW-WT101D-062311*	*GW-WT101E-121410*	*GW-WT101E-030911*	*GW-WT101E-062311*	*GW-WT102A-031611*	*GW-WT102B-031611*	*GW-WT102B-031611-D*	*GW-WT102C-031611*	*GW-WT103A-120910*
Sample Date:			*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*12/9/2010*
		USEPA								*Duplicate*		
Parameters	*Units*	*Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Dibenzofuran	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Diethyl phthalate	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Dimethyl phthalate	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 J	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Fluoranthene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Fluorene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Hexachlorobenzene	µg/L	1	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Hexachlorobutadiene	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Hexachlorocyclopentadiene	µg/L	50	10 UJ	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 UJ	25 U
Hexachloroethane	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Isophorone	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Naphthalene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Nitrobenzene	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
N-Nitrosodiphenylamine	µg/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U
Pentachlorophenol	µg/L	1	5.0 UJ	5.2 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.0 U	5.0 UJ	12 U
Phenanthrene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U
Phenol	µg/L	-	1.0 UJ	3.7 U	1.0 U	1.0 U	12	1.0 U	1.6	2.1	1.8 J	2.5 U
Pyrene	µg/L	-	0.20 UJ	0.21 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.50 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT103A*	*WT103A*	*WT104A*	*WT104A*	*WT104A*	*WT105A*	*WT106A*	*WT106A*	*WT106A*	*WT106B*
Sample ID:			*GW-WT103A-031511*	*GW-WT103A-062311*	*GW-WT104A-120710*	*GW-WT104A-030811*	*GW-WT104A-061611*	*GW-WT105A-120710*	*GW-WT106A-120810*	*GW-WT106A-031511*	*GW-WT106A-061611*	*GW-WT106B-120810*
Sample Date:			*3/15/2011*	*6/23/2011*	*12/7/2010*	*3/8/2011*	*6/16/2011*	*12/7/2010*	*12/8/2010*	*3/15/2011*	*6/16/2011*	*12/8/2010*
Parameters	*Units*	*USEPA Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	1.9 U	-	-	2.0 U	-	-	-	2.0 U	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U	-	1.0 U
4-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	1.9 U	2.0 U	3.8 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.1 U	0.95 U	1.0 U	1.0 U	0.98 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Caprolactam	µg/L	-	5.0 U	4.8 U	5.0 U	5.0 U	4.9 UJ	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
Carbazole	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT103A*	*WT103A*	*WT104A*	*WT104A*	*WT104A*	*WT105A*	*WT106A*	*WT106A*	*WT106A*	*WT106B*
Sample ID:			*GW-WT103A-031511*	*GW-WT103A-062311*	*GW-WT104A-120710*	*GW-WT104A-030811*	*GW-WT104A-061611*	*GW-WT105A-120710*	*GW-WT106A-120810*	*GW-WT106A-031511*	*GW-WT106A-061611*	*GW-WT106B-120810*
Sample Date:			*3/15/2011*	*6/23/2011*	*12/7/2010*	*3/8/2011*	*6/16/2011*	*12/7/2010*	*12/8/2010*	*3/15/2011*	*6/16/2011*	*12/8/2010*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	9.5 U	10 U	10 U	9.8 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	4.8 U	5.0 U	5.0 U	4.9 UJ	5.0 U	5.0 U	5.0 U	5.1 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	0.95 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT106B*	*WT106B*	*WT106C*	*WT106C*	*WT111A*	*WT111A*	*WT111A*	*WT112B*	*WT113A*	*WT113B*
Sample ID:			*GW-WT106B-031511*	*GW-WT106B-061611*	*GW-WT106C-040811*	*GW-WT106C-061611*	*GW-WT111A-120910*	*GW-WT111A-031611*	*GW-WT111A-062111*	*GW-WT112B-031611*	*GW-WT113A-031611*	*GW-WT113B-031611*
Sample Date:			*3/15/2011*	*6/16/2011*	*4/8/2011*	*6/16/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*
Parameters	*Units*	*USEPA Primary MCL* a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	2.0 U	-	2.1 U	-	-	1.9 U	-	-	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 UJ	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	-	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
Carbazole	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT106B*	*WT106B*	*WT106C*	*WT106C*	*WT111A*	*WT111A*	*WT111A*	*WT112B*	*WT113A*	*WT113B*
Sample ID:			*GW-WT106B-031511*	*GW-WT106B-061611*	*GW-WT106C-040811*	*GW-WT106C-061611*	*GW-WT111A-120910*	*GW-WT111A-031611*	*GW-WT111A-062111*	*GW-WT112B-031611*	*GW-WT113A-031611*	*GW-WT113B-031611*
Sample Date:			*3/15/2011*	*6/16/2011*	*4/8/2011*	*6/16/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.64 J	1.0 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	9.9 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	10 U
Hexachloroethane	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	0.99 U	1.0 U	1.0	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.0 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT114A*	*WT114A*	*WT114A*	*WT114B*	*WT114B*	*WT114B*	*WT114C*	*WT114C*	*WT114C*	*WT114C*
Sample ID:			*GW-WT114A-120810*	*GW-WT114A-030811*	*GW-WT114A-061711*	*GW-WT114B-120810*	*GW-WT114B-030811*	*GW-WT114B-061711*	*GW-WT114C-120810*	*GW-WT114C-030811*	*GW-WT114C-030811-D*	*GW-WT114C-061711*
Sample Date:			*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*3/8/2011*	*6/17/2011*
											Duplicate	
Parameters	*Units*	*USEPA Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
2-Chloronaphthalene	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
2-Chlorophenol	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	-	2.0 U	-	-	2.0 U	-	-	-	2.0 U
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U	-
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Benzaldehyde	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
Carbazole	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT114A*	*WT114A*	*WT114A*	*WT114B*	*WT114B*	*WT114B*	*WT114C*	*WT114C*	*WT114C*	*WT114C*
Sample ID:			*GW-WT114A-120810*	*GW-WT114A-030811*	*GW-WT114A-061711*	*GW-WT114B-120810*	*GW-WT114B-030811*	*GW-WT114B-061711*	*GW-WT114C-120810*	*GW-WT114C-030811*	*GW-WT114C-030811-D*	*GW-WT114C-061711*
Sample Date:			*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*3/8/2011*	*6/17/2011*
		USEPA									*Duplicate*	
Parameters	*Units*	*Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Diethyl phthalate	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.2	0.84 J	0.98 U
Dimethyl phthalate	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Hexachlorocyclopentadiene	µg/L	50	10 U	10 U	9.9 U	10 U	10 U	9.8 U	10 U	10 U	10 U	9.8 U
Hexachloroethane	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U	5.0 U	4.9 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	1.0 U	0.99 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U	1.0 U	0.98 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT115A*	*WT115A*	*WT115A*	*WT115B*	*WT115B*	*WT115C*	*WT115C*	*WT116A*	*WT116A*	*WT116A*
Sample ID:			*GW-WT115A-121310*	*GW-WT115A-031111*	*GW-WT115A-062211*	*GW-WT115B-031111*	*GW-WT115B-062211*	*GW-WT115C-031111*	*GW-WT115C-062211*	*GW-WT116A-121010*	*GW-WT116A-031411*	*GW-WT116A-062211*
Sample Date:			*12/13/2010*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*12/10/2010*	*3/14/2011*	*6/22/2011*
Parameters	*Units*	*USEPA Primary MCL* a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.1 U	3.7	3.7	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
2-Chloronaphthalene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
2-Methylphenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
3&4-Methylphenol	µg/L	-	-	-	2.1 U	-	1.9 J	-	2.1 U	-	-	2.1 U
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
4-Methylphenol	µg/L	-	1.0 U	1.0 U	-	0.84 J	-	1.0 U	-	1.0 U	1.0 U	-
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.1 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Acetophenone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.7	2.5	1.0 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Atrazine	µg/L	3	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.21 U	0.37	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.21 U	**0.43**	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.21 U	0.58	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.21 U	0.66	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.21 U	0.60	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	1.1 J	2.0 U	2.0 U	2.1 U
Butyl benzylphthalate (BBP)	µg/L	-	1.8	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
Carbazole	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.21 U	0.38	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT115A*	*WT115A*	*WT115A*	*WT115B*	*WT115B*	*WT115C*	*WT115C*	*WT116A*	*WT116A*	*WT116A*
Sample ID:			*GW-WT115A-121310*	*GW-WT115A-031111*	*GW-WT115A-062211*	*GW-WT115B-031111*	*GW-WT115B-062211*	*GW-WT115C-031111*	*GW-WT115C-062211*	*GW-WT116A-121010*	*GW-WT116A-031411*	*GW-WT116A-062211*
Sample Date:			*12/13/2010*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*12/10/2010*	*3/14/2011*	*6/22/2011*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.21 U	0.49	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Dibenzofuran	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Hexachlorobutadiene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	10 U	10 U	10 U	9.8 U	10 U	11 U	10 U	10 U	10 U
Hexachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.21 U	0.60	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Isophorone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Nitrobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.2 U	5.0 U	4.9 U	5.0 U	5.3 U	5.0 U	5.0 U	5.2 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U
Phenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.21 U

Notes:

a	USEPA Primary Maximum Contaminant Level
J	Value is estimated.
U	Not present at or above the associated value.
UJ	The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
-	Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT116B*	*WT116B*	*WT116B*	*WT117A*	*WT117A*	*WT117A*	*WT117B*	*WT117B*	*WT117B*	*WT117C*
Sample ID:			*GW-WT116B-121010*	*GW-WT116B-031411*	*GW-WT116B-062211*	*GW-WT117A-120710*	*GW-WT117A-030811*	*GW-WT117A-061411*	*GW-WT117B-120710*	*GW-WT117B-030811*	*GW-WT117B-061411*	*GW-WT117C-120710*
Sample Date:			*12/10/2010*	*3/14/2011*	*6/22/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*
Parameters	*Units*	*USEPA Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
3&4-Methylphenol	µg/L	-	-	-	2.0 U	-	-	1.9 U	-	-	1.9 U	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Acetophenone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Atrazine	µg/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.80 J	2.0 U	2.0 U	1.9 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.96 J	1.0 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
Carbazole	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT116B*	*WT116B*	*WT116B*	*WT117A*	*WT117A*	*WT117A*	*WT117B*	*WT117B*	*WT117B*	*WT117C*
Sample ID:			*GW-WT116B-121010*	*GW-WT116B-031411*	*GW-WT116B-062211*	*GW-WT117A-120710*	*GW-WT117A-030811*	*GW-WT117A-061411*	*GW-WT117B-120710*	*GW-WT117B-030811*	*GW-WT117B-061411*	*GW-WT117C-120710*
Sample Date:			*12/10/2010*	*3/14/2011*	*6/22/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	10 U	10 U	10 U	10 U	9.5 U	10 U	10 U	9.7 U	10 U
Hexachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Isophorone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	4.9 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U
Phenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.97 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.19 U	0.20 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT117C*	*WT117C*	*WT117D*	*WT117D*	*WT117D*	*WT118B*	*WT118B*	*WT118B*	*WT118B*	*WT119B*
Sample ID:			*GW-WT117C-030811*	*GW-WT117C-061411*	*GW-WT117D-120710*	*GW-WT117D-030811*	*GW-WT117D-061411*	*GW-WT118B-120910*	*GW-WT118B-031611*	*GW-WT118B-062111*	*GW-WT118B-062111-D*	*GW-WT119B-121010*
Sample Date:			*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*6/21/2011*	*12/10/2010*
											Duplicate	
Parameters	*Units*	*USEPA Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	1.9 U	-	-	2.0 U	-	-	2.1 U	2.0 U	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	-	5.1
4-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Acetophenone	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	1.9 U	2.0 U	2.0 U	0.94 J	2.0 U	2.0 U	2.1 U	2.0 U	1.2 J
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Caprolactam	µg/L	-	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
Carbazole	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT117C*	*WT117C*	*WT117D*	*WT117D*	*WT117D*	*WT118B*	*WT118B*	*WT118B*	*WT118B*	*WT119B*
Sample ID:			*GW-WT117C-030811*	*GW-WT117C-061411*	*GW-WT117D-120710*	*GW-WT117D-030811*	*GW-WT117D-061411*	*GW-WT118B-120910*	*GW-WT118B-031611*	*GW-WT118B-062111*	*GW-WT118B-062111-D*	*GW-WT119B-121010*
Sample Date:			*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*6/21/2011*	*12/10/2010*
											Duplicate	
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	4.9 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.2 U	5.1 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	0.97 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT119B*	*WT119B*	*WT119B*	*WT120A*	*WT120A*	*WT120A*	*WT120A*	*WT120B*	*WT120B*	*WT120B*
Sample ID:			*GW-WT119B-031411*	*GW-WT119B-031411-D*	*GW-WT119B-062211*	*GW-WT120A-120810*	*GW-WT120A-120810-D*	*GW-WT120A-030811*	*GW-WT120A-061511*	*GW-WT120B-120810*	*GW-WT120B-031011*	*GW-WT120B-061511*
Sample Date:			*3/14/2011*	*3/14/2011*	*6/22/2011*	*12/8/2010*	*12/8/2010*	*3/8/2011*	*6/15/2011*	*12/8/2010*	*3/10/2011*	*6/15/2011*
		USEPA		*Duplicate*			*Duplicate*					
Parameters	*Units*	*Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
2-Chlorophenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	-	2.0 U	-	-	-	1.9 U	-	-	2.0 U
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	0.87 J	-	1.0 U	1.0 U	1.0 U	-	1.0 U	1.0 U	-
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Benzaldehyde	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
Carbazole	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT119B*	*WT119B*	*WT119B*	*WT120A*	*WT120A*	*WT120A*	*WT120A*	*WT120B*	*WT120B*	*WT120B*
Sample ID:			*GW-WT119B-031411*	*GW-WT119B-031411-D*	*GW-WT119B-062211*	*GW-WT120A-120810*	*GW-WT120A-120810-D*	*GW-WT120A-030811*	*GW-WT120A-061511*	*GW-WT120B-120810*	*GW-WT120B-031011*	*GW-WT120B-061511*
Sample Date:			*3/14/2011*	*3/14/2011*	*6/22/2011*	*12/8/2010*	*12/8/2010*	*3/8/2011*	*6/15/2011*	*12/8/2010*	*3/10/2011*	*6/15/2011*
		USEPA		*Duplicate*			*Duplicate*					
Parameters	*Units*	*Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Diethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Dimethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Hexachlorocyclopentadiene	µg/L	50	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	10 U	10 U	9.9 U
Hexachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.8 U	5.0 U	5.0 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.95 U	1.0 U	1.0 U	0.99 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U

Notes:

a	USEPA Primary Maximum Contaminant Level
J	Value is estimated.
U	Not present at or above the associated value.
UJ	The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
-	Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT120C*	*WT120C*	*WT121A*	*WT121A*	*WT121B*	*WT121B*	*WT122A*	*WT122A*	*WT122B*	*WT122B*
Sample ID:			*GW-WT120C-031011*	*GW-WT120C-061511*	*GW-WT121A-031511*	*GW-WT121A-061411*	*GW-WT121B-031511*	*GW-WT121B-061411*	*GW-WT122A-031011*	*GW-WT122A-061611*	*GW-WT122B-031011*	*GW-WT122B-061611*
Sample Date:			*3/10/2011*	*6/15/2011*	*3/15/2011*	*6/14/2011*	*3/15/2011*	*6/14/2011*	*3/10/2011*	*6/16/2011*	*3/10/2011*	*6/16/2011*
Parameters	*Units*	*USEPA Primary MCL* a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
2,4-Dichlorophenol	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
2,4-Dimethylphenol	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
2,4-Dinitrophenol	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
2-Chloronaphthalene	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
2-Chlorophenol	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
2-Methylphenol	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
2-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
2-Nitrophenol	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
3&4-Methylphenol	µg/L	-	-	1.9 U	-	1.9 U	-	2.0 U	-	2.0 U	-	1.9 U
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
3-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
4-Chloroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
4-Methylphenol	µg/L	-	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U	-	1.0 U	-
4-Nitroaniline	µg/L	-	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
4-Nitrophenol	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
Acenaphthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Acenaphthylene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Acetophenone	µg/L	-	1.0 U	0.95 U	0.59 J	0.95 U	1.7	0.76 J	0.91 J	0.40 J	2.0	1.3
Anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Atrazine	µg/L	3	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Benzaldehyde	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	0.95 U	1.0 U	1.8	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Caprolactam	µg/L	-	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
Carbazole	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Chrysene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT120C*	*WT120C*	*WT121A*	*WT121A*	*WT121B*	*WT121B*	*WT122A*	*WT122A*	*WT122B*	*WT122B*
Sample ID:			*GW-WT120C-031011*	*GW-WT120C-061511*	*GW-WT121A-031511*	*GW-WT121A-061411*	*GW-WT121B-031511*	*GW-WT121B-061411*	*GW-WT122A-031011*	*GW-WT122A-061611*	*GW-WT122B-031011*	*GW-WT122B-061611*
Sample Date:			*3/10/2011*	*6/15/2011*	*3/15/2011*	*6/14/2011*	*3/15/2011*	*6/14/2011*	*3/10/2011*	*6/16/2011*	*3/10/2011*	*6/16/2011*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Dibenzofuran	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Diethyl phthalate	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Dimethyl phthalate	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Fluoranthene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Fluorene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Hexachlorobenzene	µg/L	1	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Hexachlorobutadiene	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Hexachlorocyclopentadiene	µg/L	50	10 U	9.5 U	10 U	9.5 U	10 U	10 U	10 U	9.8 U	10 U	9.6 U
Hexachloroethane	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Isophorone	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Naphthalene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Nitrobenzene	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Pentachlorophenol	µg/L	1	5.0 U	4.8 U	5.0 U	4.8 U	5.0 U	5.1 U	5.0 U	4.9 U	5.0 U	4.8 U
Phenanthrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.30	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U
Phenol	µg/L	-	1.0 U	0.95 U	1.0 U	0.95 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U	0.96 U
Pyrene	µg/L	-	0.20 U	0.19 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U

Notes:

a	USEPA Primary Maximum Contaminant Level
J	Value is estimated.
U	Not present at or above the associated value.
UJ	The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
-	Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT122C*	*WT122C*	*WT122C*	*WTB1*	*WTB1*	*WTB1*	*WTB3*	*WTB3*	*WTB3*	*WTB4*
Sample ID:			*GW-WT122C-031011*	*GW-WT122C-061611*	*GW-WT122C-061611-D*	*GW-WTB1-120910*	*GW-WTB1-031711*	*GW-WTB1-062411*	*GW-WTB3-120910*	*GW-WTB3-031511*	*GW-WTB3-062411*	*GW-WTB4-120910*
Sample Date:			*3/10/2011*	*6/16/2011*	*6/16/2011*	*12/9/2010*	*3/17/2011*	*6/24/2011*	*12/9/2010*	*3/15/2011*	*6/24/2011*	*12/9/2010*
					Duplicate							
Parameters	*Units*	*USEPA Primary MCL*										
		a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	2.0 U	2.0 U	-	-	2.0 U	-	-	2.0 U	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	-	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	2.7	2.9	2.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.3 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbazole	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WT122C*	*WT122C*	*WT122C*	*WTB1*	*WTB1*	*WTB1*	*WTB3*	*WTB3*	*WTB3*	*WTB4*
Sample ID:			*GW-WT122C-031011*	*GW-WT122C-061611*	*GW-WT122C-061611-D*	*GW-WTB1-120910*	*GW-WTB1-031711*	*GW-WTB1-062411*	*GW-WTB3-120910*	*GW-WTB3-031511*	*GW-WTB3-062411*	*GW-WTB4-120910*
Sample Date:			*3/10/2011*	*6/16/2011*	*6/16/2011*	*12/9/2010*	*3/17/2011*	*6/24/2011*	*12/9/2010*	*3/15/2011*	*6/24/2011*	*12/9/2010*
					Duplicate							
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	9.9 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:

a	USEPA Primary Maximum Contaminant Level
J	Value is estimated.
U	Not present at or above the associated value.
UJ	The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
-	Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WTB4*	*WTB4*	*WTE1*	*WTE1*	*WTE1*	*WTE3*	*WTE3*	*WTE3*	*WTO2*	*WTO2*
Sample ID:			*GW-WTB4-031511*	*GW-WTB4-062411*	*GW-WTE1-121410*	*GW-WTE1-031411*	*GW-WTE1-062111*	*GW-WTE3-121410*	*GW-WTE3-031411*	*GW-WTE3-062111*	*GW-WT02-121310*	*GW-WTO2-030911*
Sample Date:			*3/15/2011*	*6/24/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/13/2010*	*3/9/2011*
Parameters	*Units*	*USEPA Primary MCL* a										
Semivolatile Organic Compounds												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
2-Chloronaphthalene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	-	2.0 U	-	-	2.1 U	-	-	2.0 U	-	-
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U	-	1.0 U	1.0 U
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	3.3 U	1.2 J	2.0 U	2.1 U	1.1 J	2.0 U	2.0 U	2.0 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.6	1.0 U
Caprolactam	µg/L	-	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
Carbazole	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WTB4*	*WTB4*	*WTE1*	*WTE1*	*WTE1*	*WTE3*	*WTE3*	*WTE3*	*WTO2*	*WTO2*
Sample ID:			*GW-WTB4-031511*	*GW-WTB4-062411*	*GW-WTE1-121410*	*GW-WTE1-031411*	*GW-WTE1-062111*	*GW-WTE3-121410*	*GW-WTE3-031411*	*GW-WTE3-062111*	*GW-WT02-121310*	*GW-WTO2-030911*
Sample Date:			*3/15/2011*	*6/24/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/13/2010*	*3/9/2011*
Parameters	*Units*	*USEPA Primary MCL*										
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.8 U	10 U	10 U
Hexachloroethane	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.1 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	4.9 U	5.0 U	5.0 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:

a	USEPA Primary Maximum Contaminant Level
J	Value is estimated.
U	Not present at or above the associated value.
UJ	The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
-	Not applicable.

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WTO2*	*WTO3*	*WTO3*	*WTO3*	*WTO4*	*WTO4*	*WTO4*	*WTO4*
Sample ID:			*GW-WT02-062111*	*GW-WT03-121310*	*GW-WTO3-030911*	*GW-WT03-062111*	*GW-WT04-121310*	*GW-WT04-121310-D*	*GW-WTO4-030911*	*GW-WT04-062111*
Sample Date:			*6/21/2011*	*12/13/2010*	*3/9/2011*	*6/21/2011*	*12/13/2010*	*12/13/2010*	*3/9/2011*	*6/21/2011*
								Duplicate		
Parameters	*Units*	*USEPA Primary MCL* a								
Semivolatile Organic Compounds										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
2,4,6-Trichlorophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
2,4-Dichlorophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dimethylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
2,4-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
2,6-Dinitrotoluene	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
2-Chloronaphthalene	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorophenol	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Methylnaphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Methylphenol	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Nitrophenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
3&4-Methylphenol	µg/L	-	2.0 U	-	-	2.1 U	-	-	-	2.0 U
3,3'-Dichlorobenzidine	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
3-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
4,6-Dinitro-2-methylphenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
4-Bromophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chloroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Chlorophenyl phenyl ether	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methylphenol	µg/L	-	-	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U	-
4-Nitroaniline	µg/L	-	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Nitrophenol	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
Acenaphthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Acenaphthylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Acetophenone	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Atrazine	µg/L	3	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzaldehyde	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzo(a)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(a)pyrene	µg/L	0.2	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(b)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(g,h,i)perylene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzo(k)fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Biphenyl (1,1-Biphenyl)	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethoxy)methane	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	6	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U
Butyl benzylphthalate (BBP)	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Caprolactam	µg/L	-	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
Carbazole	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chrysene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U

TABLE B.2

GROUNDWATER SAMPLING RESULTS - SEMI-VOLATILE ORGANIC COMPOUNDS
HIMCO SITE
ELKHART, INDIANA

Sample Location:			*WTO2*	*WTO3*	*WTO3*	*WTO3*	*WTO4*	*WTO4*	*WTO4*	*WTO4*
Sample ID:			*GW-WT02-062111*	*GW-WT03-121310*	*GW-WTO3-030911*	*GW-WT03-062111*	*GW-WT04-121310*	*GW-WT04-121310-D*	*GW-WTO4-030911*	*GW-WT04-062111*
Sample Date:			*6/21/2011*	*12/13/2010*	*3/9/2011*	*6/21/2011*	*12/13/2010*	*12/13/2010*	*3/9/2011*	*6/21/2011*
								Duplicate		
Parameters	*Units*	*USEPA Primary MCL*								
Dibenz(a,h)anthracene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibenzofuran	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Diethyl phthalate	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl phthalate	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-butylphthalate (DBP)	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-octyl phthalate (DnOP)	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Fluoranthene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Fluorene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobenzene	µg/L	1	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachlorobutadiene	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	µg/L	50	9.9 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Isophorone	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Nitrobenzene	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	1	5.0 U	5.0 U	5.0 U	5.2 U	5.0 U	5.0 U	5.0 U	5.1 U
Phenanthrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
Phenol	µg/L	-	0.99 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pyrene	µg/L	-	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:

a USEPA Primary Maximum Contaminant Level
J Value is estimated.
U Not present at or above the associated value.
UJ The parameter was not detected above the sample reporting limit. The sample reporting limit is estimated.
- Not applicable.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT101A*	*WT101A*	*WT101A*	*WT101B*	*WT101B*	*WT101B*	*WT101C*	*WT101C*	*WT101C*	*WT101D*
Sample ID:					*GW-WT101A-121410*	*GW-WT101A-030911*	*GW-WT101A-062311*	*GW-WT101B-121410*	*GW-WT101B-030911*	*GW-WT101B-062311*	*GW-WT101C-121410*	*GW-WT101C-030911*	*GW-WT101C-062311*	*GW-WT101D-121410*
Sample Date:					*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	50.0 U	33 J	50.0 U	50.0 U	50 U	173[v]	50.0 U	50 U	50.0 U
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	0.34 J	0.44 J	2.0 U	0.14 J	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	7.4	6.0	6.2	1.4	1.0 U	1.6	8.1	7.1	5.9	0.99 J
Barium	µg/L	2000	-	-	62.9 J	61.5 J	77 J	81.7 J	81.0 J	81 J	89.6 J	78.5 J	92 J	49.5 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	278000[c]	299000[c]	260000[c]	89100	86400	91000	57500	45200	52000	94000
Chromium	µg/L	100	-	-	10.0 U	10.0 U	25	5.4 J	3.7 J	8.6 J	6.4 J	10.0 U	4.7 J	10.0 U
Cobalt	µg/L	-		-	50.0 U	3.1 J	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25.0 U	25 U	5.4 J	25.0 U	25 U	5.2 J	25.0 U	25 U	25.0 U
Iron	µg/L	-	300	1000	20800[ac]	35100[ac]	29000[ac]	624[v]	861[v]	270	1280[ac]	805[v]	830[v]	1930[ac]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	11500	13700	13000	40600	36500	38000	23500	19100	21000	19800
Manganese	µg/L	-	50	-	1220[v]	2210[v]	1900[v]	39.9	41.9	50	21.7	10.3 J	17	53.9[v]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	3.5 J	13 J	40.0 U	40.0 U	5.1 J	3.4 J	40.0 U	5.1 J	40.0 U
Potassium	µg/L	-	-	-	4600 J	4640 J	3400 J	28900	22700	22000	3160 J	2420 J	11000	1320 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U
Sodium	µg/L	-	-	150000	24400	21800	17000	30200	26200	25000	21900	18900	21000	19600
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5 U	0.22 J	0.33 J	2.0 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	0.70 J	0.71 J	50.0 U	50.0 U	50 U	0.87 J	50.0 U	50 U	50.0 U
Zinc	µg/L	-	5000	-	20.0 U	20.0 U	20 U	20.5 U	20.0 U	5.1 J	20.0 U	20.0 U	20 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.13 J	0.23 J	0.25 J	0.50 U	0.15 J	0.19 J	0.17 J	0.14 J	0.12 J	0.50 U
Chloride	mg/L	-	250	-	26.3	23.2	17	29.0	30.5	30	2.5	4.2	2.8 J	36.5 J
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.055	0.010 UJ	0.050 J	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	349[v]	481[v]	330[v]	33.0	45.3	21	1.4	1.3	1.0 U	101

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg/L. The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[c] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT101D*	*WT101D*	*WT101E*	*WT101E*	*WT101E*	*WT102A*	*WT102B*	*WT102B*	*WT102C*	*WT103A*
Sample ID:					*GW-WT101D-030911*	*GW-WT101D-062311*	*GW-WT101E-121410*	*GW-WT101E-030911*	*GW-WT101E-062311*	*GW-WT102A-031611*	*GW-WT102B-031611*	*GW-WT102B-031611-D*	*GW-WT102C-031611*	*GW-WT103A-120910*
Sample Date:					*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*12/9/2010*
												Duplicate		
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	49 J	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	3900[*]	157[*]
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.16 J	0.49 J	0.90 J	2.0 U
Arsenic	µg/L	10	-	-	0.47 J	1.4	3.8	3.2	2.8	0.40 J	3.5	3.4	4.2	1.5
Barium	µg/L	2000	-	-	49.4 J	51 J	50.2 J	48.1 J	66 J	36.8 J	119 J	128 J	298	59.5 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	84300	90000	101000	87300	93000	80000	64700	66800	196000 J	129000
Chromium	µg/L	100	-	-	10.0 U	10 U	10.0 U	10.0 U	10 U	13.2	8.4 J	20.3	14.3	10.0 U
Cobalt	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	2.6 J	50.0 U	50.0 U	2.7 J	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U	5.6 J	25.0 U
Iron	µg/L	-	300	1000	1830[x]	1400[x]	4030[x]	3710[x]	260	433[o]	797[o]	973[o]	7670[x]	1540[x]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.9	3.0 U
Magnesium	µg/L	-	-	-	18700	19000	13700	12000	13000	15000	22500	23600	88200 J	24200
Manganese	µg/L	-	50	-	50.1[o]	63[o]	48.8	44.3	54[o]	490[o]	45.6	44.4	771 J[o]	276[o]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40 U	40.0 U	40.0 U	40 U	62.8	5.1 J	5.9 J	9.9 J	40.0 U
Potassium	µg/L	-	-	-	1370 J	1300 J	4010 J	4140 J	4000 J	1480 J	2920 J	3250 J	3630 J	2370 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Sodium	µg/L	-	-	150000	19200	19000	16400	16000	15000	83600	25300	26100	34400	17400
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	9.7 J	50.0 U
Zinc	µg/L	-	5000	-	20.0 U	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20.0 U	37.4 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.50 U	0.10 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloride	mg/L	-	250	-	37.3	38	32.0	32.4	33 J	138	48.8	48.9	49.4	31.8
Cyanide (total)	mg/L	0.2		-	0.010 U	0.011 J	0.010 U	0.010 U	0.048 J	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	85.0	53	106	97.8	28	83.1	38.0	38.0	17.4	285[o]

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water.
If more than 10% of tap water samples exceed the action level, water systems must take additional steps.
For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg
The action level is discussed herein because there is no primary MCL for lead.
The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[x] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT103A*	*WT103A*	*WT104A*	*WT104A*	*WT104A*	*WT105A*	*WT106A*	*WT106A*	*WT106A*	*WT106B*
Sample ID:					*GW-WT103A-031511*	*GW-WT103A-062311*	*GW-WT104A-120710*	*GW-WT104A-030811*	*GW-WT104A-061611*	*GW-WT105A-120710*	*GW-WT106A-120810*	*GW-WT106A-031511*	*GW-WT106A-061611*	*GW-WT106B-120810*
Sample Date:					*3/15/2011*	*6/23/2011*	*12/7/2010*	*3/8/2011*	*6/16/2011*	*12/7/2010*	*12/8/2010*	*3/15/2011*	*6/16/2011*	*12/8/2010*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	54*	24.9 J	50.0 U	62*	78.6*	50.0 U	20.9 J	67*	98.4*
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	0.65 J	2.0	0.41 J	1.0 U	1.0 U	0.49 J	2.1	2.0	1.6	11.8*
Barium	µg/L	2000	-	-	48.1 J	54 J	7.7 J	200 U	9.1 J	14.7 J	45.0 J	44.0 J	37 J	114 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 J	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	127000	130000	38600	28000	26000	69200	129000	125000	110000	153000
Chromium	µg/L	100	-	-	10.0 U	10 U	2.9 J	10.0 U	10 U	5.4 J	10.0 U	10.0 U	7.1 J	10.0 U
Cobalt	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	2.0 J	50.0 U	50.0 U	50 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U	25 U	25.0 U
Iron	µg/L	-	300	1000	635*	890*	100 U	100 U	100 U	265	958*	938*	630*	6040**
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	24300	20000	9260	8040	7300	14500	17100	16900	14000	66900
Manganese	µg/L	-	50	-	271*	270*	1.3 J	15.0 U	15 U	120*	516*	498*	350*	54.8*
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40 U	40.0 U	40.0 U	40 U	12.7 J	40.0 U	8.1 J	5.3 J	40.0 U
Potassium	µg/L	-	-	-	1670 J	1900 J	1260 J	755 J	980 J	1810 J	1860 J	1840 J	1500 J	5530
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10 U	10.0 U
Sodium	µg/L	-	-	150000	17200	13000	9790	3930 J	7300	9720	31300	33700	34000	40000
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U	50.0 U
Zinc	µg/L	-	5000	-	20.0 U	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20.0 U	33 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.30 J
Chloride	mg/L	-	250	-	30.8	22 J	16.8	18.1	9.5	12.7	66.2	55.4 J	39	26.6
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	273*	160	17.9	18.8	21	16.4	111	116 J	85	217

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water.
If more than 10% of tap water samples exceed the action level, water systems must take additional steps.
For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg
The action level is discussed herein because there is no primary MCL for lead.
The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000* Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT106B*	*WT106B*	*WT106C*	*WT106C*	*WT111A*	*WT111A*	*WT111A*	*WT112B*	*WT113A*	*WT113B*
Sample ID:					*GW-WT106B-031511*	*GW-WT106B-061611*	*GW-WT106C-040811*	*GW-WT106C-061611*	*GW-WT111A-120910*	*GW-WT111A-031611*	*GW-WT111A-062111*	*GW-WT112B-031611*	*GW-WT113A-031611*	*GW-WT113B-031611*
Sample Date:					*3/15/2011*	*6/16/2011*	*4/8/2011*	*6/16/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	130[v]	37 J	69.0[v]	57[v]	206[v]	602[v]	1000[v]	50.0 U	374[v]	50.0 U
Antimony	µg/L	6	-	-	2.0 U	2.0 U	0.16 J	2.0 U	0.22 J	0.18 J	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	10.2[a]	12[a]	6.5	8.3	7.4	5.8	4.2	3.2	1.4	2.6
Barium	µg/L	2000	-	-	104 J	110 J	83.3 J	69 J	105 J	66.3 J	65 J	127 J	25.0 J	66.7 J
Beryllium	µg/L	4		-	1.0 U	0.68 J	1.0 U	0.54 J	1.0 U	1.0 U	0.48 J	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	133000	140000	50600	47000	289000[v]	182000	130000	79100	55400	68500
Chromium	µg/L	100	-	-	10.0 U	9.9 J	10.0 U	10 U	10.0 U	3.8 J	2.8 J	10.0 U	2.4 J	10.0 U
Cobalt	µg/L	-		-	50.0 U	50 U	50.0 U	50 U	2.9 J	1.7 J	1.9 J	50.0 U	50.0 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U
Iron	µg/L	-	300	1000	5310[v]	5700[v]	635[v]	330[v]	2890[v]	2720[v]	1300[v]	1350[v]	1040[v]	1480[v]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	57900	61000	22200	20000	21300	12100	9500	22900	13200	18400
Manganese	µg/L	-	50	-	52.6[v]	48	65.1[v]	34	856[v]	550[v]	360[v]	93.2[v]	92.2[v]	59.6[v]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	5.2 J	3.6 J	40 U	40.0 U	3.5 J	3.6 J	40.0 U	3.2 J	40.0 U
Potassium	µg/L	-	-	-	4990 J	5200	1690 J	1700 J	4570 J	3380 J	3200 J	2000 J	1570 J	2020 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U
Sodium	µg/L	-	-	150000	34100	39000	22000	19000	38900	29600	24000	22600	26800	16700
Thallium	µg/L	2	-	-	0.42 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.15 J
Vanadium	µg/L	-		-	50.0 U	50 U	50.0 U	50 U	4.7 J	4.0 J	4.0 J	50.0 U	50.0 U	50.0 U
Zinc	µg/L	-	5000	-	20.0 U	20 U	20.0 U	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.25 J	0.26 J	0.30 J	0.26 J	0.62	0.53	0.29 J	0.50 U	0.50 U	0.50 U
Chloride	mg/L	-	250	-	24.8	20	9.4	9.5	25.5	25.3	15	51.0	53.9	32.1
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.016	0.010 U	0.010 U	0.010 U	0.0061 J	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	201	210	8.2	0.60 J	408[v]	300[v]	160	98.9	17.2	38.7

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
\- Not applicable.
326000[v] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT114A*	*WT114A*	*WT114A*	*WT114B*	*WT114B*	*WT114B*	*WT114C*	*WT114C*	*WT114C*	*WT114C*
Sample ID:					*GW-WT114A-120810*	*GW-WT114A-030811*	*GW-WT114A-061711*	*GW-WT114B-120810*	*GW-WT114B-030811*	*GW-WT114B-061711*	*GW-WT114C-120810*	*GW-WT114C-030811*	*GW-WT114C-030811-D*	*GW-WT114C-061711*
Sample Date:					*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*3/8/2011*	*6/17/2011*
													Duplicate	
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	50.0 U	28 J	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.19 J
Arsenic	µg/L	10	-	-	1.1	1.0 U	1.9	7.6	6.3	7.7	19.2*	19.2*	18.3*	20*
Barium	µg/L	2000	-	-	60.3 J	68.0 J	110 J	45.7 J	44.2 J	44 J	78.8 J	70.8 J	68.9 J	69 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 J	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	86800	94800	120000	83600	78800	79000	92000	82500	80300	78000
Chromium	µg/L	100	-	-	10.0 U	10.0 U	10 U	10.0 U	2.3 J	10 U	10.0 U	10.0 U	10.0 U	10 U
Cobalt	µg/L	-		-	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U
Copper	µg/L	1300	1000	-	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U	25 U
Iron	µg/L	-	300	1000	451*	162	870*	2330**	2190**	2200**	4030**	3650**	3540**	3400**
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	15700	17300	23000	19300	18200	19000	19200	19400	18800	20000
Manganese	µg/L	-	50	-	61.7*	49.1	280*	40.8	36.6	40	36.2	34.2	32.9	32
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40.0 U	4.5 J	40.0 U	40.0 U	40 U	40.0 U	40.0 U	40.0 U	40 U
Potassium	µg/L	-	-	-	2340 J	2460 J	2600 J	1310 J	1340 J	1300 J	1910 J	1860 J	1810 J	1700 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10 U
Sodium	µg/L	-	-	150000	221000*	182000*	210000*	22200	23200	21000	16600	16400	15900	15000
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	50.0 U	0.71 J	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U
Zinc	µg/L	-	5000	-	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20.0 U	20 U
General Chemistry														
Bromide	mg/L	-	-	-	0.50 U	0.20 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloride	mg/L	-	250	-	324*	315*	96 J	42.4	44.6	41 J	32.6	28.9	28.9	31 J
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	60.4	53.5	50 J	77.6	79.7	86 J	134	115	115	120 J

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000* Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT115A*	*WT115A*	*WT115A*	*WT115B*	*WT115B*	*WT115C*	*WT115C*	*WT116A*	*WT116A*	*WT116A*
Sample ID:					*GW-WT115A-121310*	*GW-WT115A-031111*	*GW-WT115A-062211*	*GW-WT115B-031111*	*GW-WT115B-062211*	*GW-WT115C-031111*	*GW-WT115C-062211*	*GW-WT116A-121010*	*GW-WT116A-031411*	*GW-WT116A-062211*
Sample Date:					*12/13/2010*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*12/10/2010*	*3/14/2011*	*6/22/2011*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	179[6]	6110[6]	31000[6]	34.8 J	50 U	50.0 U	50 U	34.2 J	50.0 U	50 U
Antimony	µg/L	6	-	-	0.15 J	0.78 J	10 U	2.0 U	2.0 U	2.0 U	2.0 U	1.4 J	1.6 J	2.0 U
Arsenic	µg/L	10	-	-	2.4	1.0	3.7	2.4	3.6	2.1	2.5	2.7	2.5	6.4
Barium	µg/L	2000	-	-	101 J	48.2 J	140 J	123 J	180 J	72.8 J	72 J	81.6 J	42.3 J	130 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	300000[c]	84300	26000	318000[c]	430000[c]	152000	150000	712000[c]	561000[c]	420000[c]
Chromium	µg/L	100	-	-	10.0 U	5.9 J	31	2.9 J	3.8 J	10.0 U	10 U	10.0 U	10.0 U	10 U
Cobalt	µg/L	-		-	50.0 U	50.0 U	5.7 J	50.0 U	50 U	50.0 U	50 U	9.6 J	3.7 J	8.2 J
Copper	µg/L	1300	1000	-	25.0 U	8.6 J	34	25.0 U	25 U	25.0 U	25 U	21.8 J	28.5	33
Iron	µg/L	-	300	1000	1670[a]	1950[a]	11000[a]	280	100 U	4320[a]	3900[a]	184	1550[a]	14000[a]
Lead	µg/L	15		-	3.0 U	2.3 J	13	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	11500	4960 J	5500	15600	18000	24000	24000	44200	52400	36000
Manganese	µg/L	-	50	-	98.6[6]	52.1[6]	66[6]	8.8 J	15 U	79.4[6]	79[6]	548[6]	565[6]	1000[6]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.12 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	7.0 J	31 J	40.0 U	40 U	40.0 U	40 U	20.7 J	13.1 J	16 J
Potassium	µg/L	-	-	-	7320	1620 J	2300 J	8540	9400	3930 J	3300 J	22700	13200	14000
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U	10.0 U	10.0 U	10 U
Sodium	µg/L	-	-	150000	31100	6970	5200	36700	41000	21000	20000	179000[c]	141000	70000
Thallium	µg/L	2	-	-	0.16 J	0.38 J	5.0 U	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	5.5 J	15.0 J	43 J	12.8 J	16 J	50.0 U	50 U	3.0 J	50.0 U	1.7 J
Zinc	µg/L	-	5000	-	20.0 U	24.4 U	80	20.0 U	20 U	20.0 U	20 U	632	296	66
General Chemistry														
Bromide	mg/L	-	-	-	0.63	0.50 U	0.50 U	0.64	0.81	0.25 J	0.22 J	3.1	1.4	1.3
Chloride	mg/L	-	250	-	28.1	5.8	2.2	26.9	23	33.4	34	20.5	14.2	8.7
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.0097 J	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	238	75.6	14	179	260[6]	153	140	956[6]	1260[6]	670[6]

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water.
If more than 10% of tap water samples exceed the action level, water systems must take additional steps.
For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg
The action level is discussed herein because there is no primary MCL for lead.
The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[c] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT116B*	*WT116B*	*WT116B*	*WT117A*	*WT117A*	*WT117A*	*WT117B*	*WT117B*	*WT117B*	*WT117C*
Sample ID:					*GW-WT116B-121010*	*GW-WT116B-031411*	*GW-WT116B-062211*	*GW-WT117A-120710*	*GW-WT117A-030811*	*GW-WT117A-061411*	*GW-WT117B-120710*	*GW-WT117B-030811*	*GW-WT117B-061411*	*GW-WT117C-120710*
Sample Date:					*12/10/2010*	*3/14/2011*	*6/22/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	50.0 U	50 U	1140^	674^	1500^	50.0 U	50.0 U	50 U	34.9 J
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	0.32 J	0.39 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	1.0 U	1.0 U	0.91 J	0.77 J	0.71 J	1.0 U	1.8	1.0 U	2.4	1.1
Barium	µg/L	2000	-	-	190 J	134 J	130 J	52.9 J	92.1 J	16 J	40.8 J	54.5 J	49 J	162 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	170000	154000	140000	98900	157000	17000	133000	176000	180000	251000^
Chromium	µg/L	100	-	-	10.0 U	10.0 U	10 U	10.0 U	10.0 U	4.8 J	10.0 U	10.0 U	10 U	10.0 U
Cobalt	µg/L	-		-	50.0 U	50.0 U	50 U	50.0 U	1.8 J	50 U	50.0 U	50.0 U	50 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U
Iron	µg/L	-	300	1000	4420^	3820^	3000^	1310^	1940^	780^	5070^	5850^	5200^	3710^
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	13700	14400	12000	13900	18700	2800 J	19400	29600	28000	20900
Manganese	µg/L	-	50	-	141^	121^	150^	488^	986^	13 J	128^	141^	130^	388^
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40.0 U	40 U	40.0 U	3.7 J	4.5 J	40.0 U	40.0 U	40 U	40.0 U
Potassium	µg/L	-	-	-	7030	5630	7900	2330 J	2890 J	5000 U	2080 J	2220 J	1900 J	3940 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U
Sodium	µg/L	-	-	150000	25200	22600	20000	10000	18200	2200 J	23100	26300	24000	33600
Thallium	µg/L	2	-	-	0.35 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J	1.3 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	50.0 U	50 U	2.2 J	50.0 U	2.5 J	50.0 U	50.0 U	50 U	1.0 J
Zinc	µg/L	-	5000	-	20.0 U	20.0 U	7.3 J	20.0 U	20.0 U	20 U	29.1 U	20.0 U	20 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.14 J	0.50 U	0.15 J	0.50 U	0.21 J	0.50 U	0.50 U	0.14 J	0.19 J	0.25 J
Chloride	mg/L	-	250	-	36.2	37.2 J	36	5.1	17.4	1.3	39.6	36.9	40	32.6
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	164	161	110	73.6	186	13	184	224	240	269^

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000^ Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT117C*	*WT117C*	*WT117D*	*WT117D*	*WT117D*	*WT118B*	*WT118B*	*WT118B*	*WT118B*	*WT119B*
Sample ID:					*GW-WT117C-030811*	*GW-WT117C-061411*	*GW-WT117D-120710*	*GW-WT117D-030811*	*GW-WT117D-061411*	*GW-WT118B-120910*	*GW-WT118B-031611*	*GW-WT118B-062111*	*GW-WT118B-062111-D*	*GW-WT119B-121010*
Sample Date:					*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*6/21/2011 Duplicate*	*12/10/2010*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	32 J	80.8[v]	50.0 U	23 J	50.0 U	50.0 U	50 U	50 U	264[v]
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	1.0 U	1.5	3.9	1.9	3.6	2.8	3.0	3.8	3.8	1.9
Barium	µg/L	2000	-	-	161 J	210	53.8 J	51.7 J	55 J	60.0 J	53.1 J	59 J	59 J	76.7 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	258000[c]	290000[c]	119000	119000	120000	173000	168000	170000	170000	136000
Chromium	µg/L	100	-	-	10.0 U	10 U	10.0 U	10.0 U	14	10.0 U	10.0 U	10 U	10 U	2.3 J
Cobalt	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25 U	25.0 U
Iron	µg/L	-	300	1000	3950[c]	4000[c]	5840[c]	5590[c]	5600[c]	6020[c]	6220[c]	6100[c]	6000[c]	1030[c]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	24200	20000	30600	29400	28000	20500	20500	22000	21000	44900
Manganese	µg/L	-	50	-	389[v]	430[v]	156[v]	154[v]	160[v]	142[v]	125[v]	130[v]	130[v]	160[v]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40 U	40.0 U	40.0 U	7.9 J	40.0 U	40.0 U	40 U	40 U	40.0 U
Potassium	µg/L	-	-	-	3720 J	4400 J	2510 J	2510 J	2500 J	3730 J	3300 J	3400 J	3400 J	10900
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10 U	10.0 U
Sodium	µg/L	-	-	150000	34600	32000	16400	16500	15000	23000	20600	21000	21000	51300
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	0.22 J	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	1.3 J	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50 U	5.3 J
Zinc	µg/L	-	5000	-	20.0 U	20 U	20.0 U	20.0 U	20 U	19.0 J	20.0 U	20 U	20 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.39 J	0.44 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.88
Chloride	mg/L	-	250	-	32.3	34	31.7	31.4	33	32.2	33.0	33	34	30.1
Cyanide (total)	mg/L	0.2		-	0.010 U	0.0071 J	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.054
Sulfate	mg/L	-	250	-	265[v]	280[v]	271[v]	248	220	212	220	210	210	242

Notes:
6

a	USEPA Primary Contaminant Level
b	USEPA Secondary Contaminant Level
c	Recommended Dietary Allowance
J	Value is estimated.
U	Not present at or above the associated value.
*	Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
-	Not applicable.
326000[c]	Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT119B*	*WT119B*	*WT119B*	*WT120A*	*WT120A*	*WT120A*	*WT120A*	*WT120B*	*WT120B*	*WT120B*
Sample ID:					*GW-WT119B-031411*	*GW-WT119B-031411-D*	*GW-WT119B-062211*	*GW-WT120A-120810*	*GW-WT120A-120810-D*	*GW-WT120A-030811*	*GW-WT120A-061511*	*GW-WT120B-120810*	*GW-WT120B-031011*	*GW-WT120B-061511*
Sample Date:					*3/14/2011*	*3/14/2011*	*6/22/2011*	*12/8/2010*	*12/8/2010*	*3/8/2011*	*6/15/2011*	*12/8/2010*	*3/10/2011*	*6/15/2011*
						Duplicate			*Duplicate*					
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	193[6]	199[6]	140[6]	50.0 U	50.0 U	50.0 U	37 J	50.0 U	50.0 U	50 U
Antimony	µg/L	6	-	-	0.20 J	0.19 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	3.2	2.8	3.2	4.1	4.1	3.2	4.3	6.8	8.5	7.5
Barium	µg/L	2000	-	-	93.8 J	89.5 J	82 J	69.9 J	69.5 J	65.5 J	82 J	97.9 J	96.0 J	98 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	169000	159000	160000	77500	77500	71100	85000	77500	74800	77000
Chromium	µg/L	100	-	-	3.1 J	3.1 J	2.5 J	10.0 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U
Cobalt	µg/L	-		-	2.0 J	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U
Copper	µg/L	1300	1000	-	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U
Iron	µg/L	-	300	1000	2280[K]	2080[K]	1300[K]	944[6]	946[6]	949[6]	1100[K]	1100[K]	1150[K]	990[6]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	73000	67400	62000	19600	19500	18100	21000	24300	23600	23000
Manganese	µg/L	-	50	-	203[6]	191[6]	180[6]	86.1[6]	86.0[6]	79.4[6]	93[6]	249[6]	238[6]	250[6]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40.0 U	40 U	40.0 U	40.0 U	40.0 U	40 U	40.0 U	40.0 U	40 U
Potassium	µg/L	-	-	-	13800	12900	11000	2010 J	2010 J	1950 J	2000 J	1140 J	1210 J	1100 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U
Sodium	µg/L	-	-	150000	81900	75900	53000	38200	38000	31600	31000	13800	13500	13000
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	5.6 J	5.3 J	5.5 J	50.0 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U
Zinc	µg/L	-	5000	-	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20 U
General Chemistry														
Bromide	mg/L	-	-	-	0.76	0.82	0.88	0.50 U	0.50 U	0.50 U	0.11 J	0.50 U	0.50 U	0.50 U
Chloride	mg/L	-	250	-	23.6	23.9	24	67.2	67.2	55.2	86	29.0	28.0	29
Cyanide (total)	mg/L	0.2		-	0.051	0.051	0.037	0.0072 J	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	346[6]	350[6]	280[6]	45.3	45.3	35.4	39	78.3	79.0	71

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water.
If more than 10% of tap water samples exceed the action level, water systems must take additional steps.
For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg
The action level is discussed herein because there is no primary MCL for lead.
The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[K] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT120C*	*WT120C*	*WT121A*	*WT121A*	*WT121B*	*WT121B*	*WT122A*	*WT122A*	*WT122B*	*WT122B*
Sample ID:					*GW-WT120C-031011*	*GW-WT120C-061511*	*GW-WT121A-031511*	*GW-WT121A-061411*	*GW-WT121B-031511*	*GW-WT121B-061411*	*GW-WT122A-031011*	*GW-WT122A-061611*	*GW-WT122B-031011*	*GW-WT122B-061611*
Sample Date:					*3/10/2011*	*6/15/2011*	*3/15/2011*	*6/14/2011*	*3/15/2011*	*6/14/2011*	*3/10/2011*	*6/16/2011*	*3/10/2011*	*6/16/2011*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	22 J	28.2 J	21 J	50.0 U	50 U	50.0 U	100[v]	50.0 U	48 J
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	3.3 U	0.73 J	8.2	8.9	8.2	15[a]	1.3 U	1.3	2.4 U	1.8
Barium	µg/L	2000	-	-	28.2 J	14 J	66.0 J	68 J	245	390	57.8 J	52 J	50.8 J	60 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	103000	69000	86200	91000	106000	110000	209000	200000	133000	130000
Chromium	µg/L	100	-	-	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U
Cobalt	µg/L	-		-	50.0 U	50 U	50.0 U	50 U	50.0 U	50 U	50.0 U	50 U	50.0 U	50 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25.0 U	25 U	25.0 U	25 U	25.0 U	25 U	25.0 U	25 U
Iron	µg/L	-	300	1000	1040[x]	100 U	3020[x]	3300[x]	4230[x]	6400[x]	2470[x]	2400[x]	3940[x]	3900[x]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	2.0 J
Magnesium	µg/L	-	-	-	27200	15000	19400	20000	51800	51000	21000	18000	26600	25000
Manganese	µg/L	-	50	-	150[v]	15 U	72.9[v]	80[v]	43.8	35	406[v]	400[v]	141[v]	140[v]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40 U	40.0 U	40 U	40.0 U	40 U	40.0 U	40 U	40.0 U	40 U
Potassium	µg/L	-	-	-	3470 J	1800 J	2150 J	1800 J	5630	6500	6530	4900 J	3220 J	2800 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U	10.0 U	10 U
Sodium	µg/L	-	-	150000	19500	28000	48300	46000	56300	57000	37500	32000	21100	20000
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	50 U	50.0 U	50 U	50.0 U	50 U	2.2 J	2.0 J	50.0 U	50 U
Zinc	µg/L	-	5000	-	20.0 U	20 U	20.0 U	20 U	20.0 U	20 U	20.0 U	20 U	20.0 U	20 U
General Chemistry														
Bromide	mg/L	-	-	-	0.50 U	0.50 U	0.50 U	0.10 J	1.3	1.6	0.41 J	0.081 J	0.50 U	0.13 J
Chloride	mg/L	-	250	-	27.5	60	95.7	110	28.6	31	31.1	170	32.7	35
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	16.9	12	73.8	75	88.1	73	244	42	156	140

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[x] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WT122C*	*WT122C*	*WT122C*	*WTB1*	*WTB1*	*WTB1*	*WTB3*	*WTB3*	*WTB3*	*WTB4*
Sample ID:					*GW-WT122C-031011*	*GW-WT122C-061611*	*GW-WT122C-061611-D*	*GW-WTB1-120910*	*GW-WTB1-031711*	*GW-WTB1-062411*	*GW-WTB3-120910*	*GW-WTB3-031511*	*GW-WTB3-062411*	*GW-WTB4-120910*
Sample Date:					*3/10/2011*	*6/16/2011*	*6/16/2011*	*12/9/2010*	*3/17/2011*	*6/24/2011*	*12/9/2010*	*3/15/2011*	*6/24/2011*	*12/9/2010*
							Duplicate							
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	54[o]	49 J	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	1.0 U	3.8	4.3	0.52 J	1.0 U	1.0 U	5.3	4.7	3.5	0.77 J
Barium	µg/L	2000	-	-	200 U	34 J	35 J	158 J	139 J	130 J	70.8 J	74.9 J	71 J	41.5 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	0.52 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	68900	89000	90000	53200	48000	44000	79300	78100	71000	66500
Chromium	µg/L	100	-	-	10.0 U	10 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U
Cobalt	µg/L	-		-	50.0 U	50 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U
Iron	µg/L	-	300	1000	100 U	1700[ok]	1700[ok]	599[o]	545[o]	100 U	531[o]	372[o]	150	644[o]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	16400	24000	24000	22300	19400	23000	22500	20900	24000	22100
Manganese	µg/L	-	50	-	10.0 J	130[o]	140[o]	40.7	34.7	15 U	350[o]	258[o]	550[o]	202[o]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40 U	40 U	12.7 J	11.8 J	6.4 J	40.0 U	40.0 U	40 U	40.0 U
Potassium	µg/L	-	-	-	1720 J	3200 J	3200 J	2140 J	1970 J	2200 J	1140 J	1200 J	1200 J	767 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.2 J	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U
Sodium	µg/L	-	-	150000	15800	18000	18000	58700	53500	55000	15000	13600	17000	4080 J
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.35 J	1.0 U	1.8 U	1.0 U
Vanadium	µg/L	-		-	50.0 U	0.81 J	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U
Zinc	µg/L	-	5000	-	20.0 U	20 U	20 U	31.6	30.6 U	20 U	20.0 U	20.0 U	20 U	7.3 J
General Chemistry														
Bromide	mg/L	-	-	-	0.50 U	0.50 U	0.50 U	0.16 J	0.19 J	0.43 J	0.50 U	0.50 U	0.12 J	0.50 U
Chloride	mg/L	-	250	-	32.1	33	29	66.7	67.6 J	61	56.4	62.5	51	35.7 J
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.0076 J	0.010 U
Sulfate	mg/L	-	250	-	147	120 J	120 J	1.0 U	1.0 U	0.24 J	57.4	45.9	55	31.5 J

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water.
If more than 10% of tap water samples exceed the action level, water systems must take additional steps.
For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg
The action level is discussed herein because there is no primary MCL for lead.
The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[k] Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WTB4*	*WTB4*	*WTE1*	*WTE1*	*WTE1*	*WTE3*	*WTE3*	*WTE3*	*WTO2*	*WTO2*
Sample ID:					*GW-WTB4-031511*	*GW-WTB4-062411*	*GW-WTE1-121410*	*GW-WTE1-031411*	*GW-WTE1-062111*	*GW-WTE3-121410*	*GW-WTE3-031411*	*GW-WTE3-062111*	*GW-WT02-121310*	*GW-WTO2-030911*
Sample Date:					*3/15/2011*	*6/24/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/13/2010*	*3/9/2011*
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*										
Metals														
Aluminum	µg/L	-	50	-	50.0 U	50 U	50.0 U	50.0 U	50 U	30.0 J	50.0 U	50 U	50.0 U	50.0 U
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	1.0 U	0.79 J	1.6	0.82 J	1.6	2.3	1.0	4.8	2.9	3.4
Barium	µg/L	2000	-	-	50.2 J	46 J	47.1 J	48.7 J	47 J	45.3 J	54.6 J	68 J	84.8 J	92.2 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	60700	61000	112000	108000	100000	73100	64800	100000	73600	75000
Chromium	µg/L	100	-	-	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U
Cobalt	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U
Copper	µg/L	1300	1000	-	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U
Iron	µg/L	-	300	1000	133	660[b]	100 U	168	110	4200[bc]	1230[bc]	3200[bc]	1040[bc]	1150[bc]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	20600	21000	20900	20400	20000	23200	23800	32000	16200	17600
Manganese	µg/L	-	50	-	195[b]	190[b]	120[b]	117[b]	100[b]	28.1	28.5	34	271[b]	279[b]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40.0 U	40 U	40.0 U	40.0 U	40 U	40.0 U	40.0 U	40 U	40.0 U	40.0 U
Potassium	µg/L	-	-	-	858 J	5000 U	2980 J	3240 J	2900 J	2250 J	2120 J	2800 J	2190 J	2470 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U
Sodium	µg/L	-	-	150000	3940 J	4100 J	19900	20100	18000	12300	12400	17000	21400	21000
Thallium	µg/L	2	-	-	0.19 J	1.1 U	1.0 U	1.0 U	1.0 U	0.17 J	0.20 J	1.0 U	1.0 U	0.25 J
Vanadium	µg/L	-		-	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U
Zinc	µg/L	-	5000	-	20.0 U	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U
General Chemistry														
Bromide	mg/L	-	-	-	0.50 U	0.36 J	0.50 U	0.50 U	0.50 U	0.50 U	0.13 J	0.092 J	0.50 U	0.50 U
Chloride	mg/L	-	250	-	34.9	35	34.6	35.1	34	6.5	6.4	20	42.1	39.7
Cyanide (total)	mg/L	0.2		-	0.0086 J	0.0095 J	0.019	0.016	0.012	0.010 U	0.038	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	1.6	9.3	79.7	67.2	69	43.5	6.9	130	71.8	79.4

Notes:
6

a	USEPA Primary Contaminant Level
b	USEPA Secondary Contaminant Level
c	Recommended Dietary Allowance
J	Value is estimated.
U	Not present at or above the associated value.
*	Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
-	Not applicable.
326000[c]	Concentration greater than criteria indicated.

TABLE B.3

GROUNDWATER SAMPLING RESULTS - METALS AND GENERAL CHEMISTRY
HIMCO SITE
ELKHART, INDIANA

Sample Location:					*WTO2*	*WTO3*	*WTO3*	*WTO3*	*WTO4*	*WTO4*	*WTO4*	*WTO4*
Sample ID:					*GW-WT02-062111*	*GW-WT03-121310*	*GW-WTO3-030911*	*GW-WT03-062111*	*GW-WT04-121310*	*GW-WT04-121310-D*	*GW-WTO4-030911*	*GW-WT04-062111*
Sample Date:					*6/21/2011*	*12/13/2010*	*3/9/2011*	*6/21/2011*	*12/13/2010*	*12/13/2010*	*3/9/2011*	*6/21/2011*
										Duplicate		
Parameters	*Units*	*USEPA Primary MCL a*	*USEPA Secondary MCL b*	*RDA Criteria c*								
Metals												
Aluminum	µg/L	-	50	-	50 U	223[6]	48.9 J	240[6]	49.0 J	98.8[6]	148[6]	300[6]
Antimony	µg/L	6	-	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	10	-	-	5.0	6.7	6.4	7.8	11.9[a]	11.9[a]	11.4[a]	13[a]
Barium	µg/L	2000	-	-	110 J	72.0 J	66.4 J	70 J	60.0 J	60.0 J	57.8 J	60 J
Beryllium	µg/L	4		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5		-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	-	-	250000	86000	56300	51300	57000	55100	55500	51100	54000
Chromium	µg/L	100	-	-	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10 U
Cobalt	µg/L	-		-	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U
Copper	µg/L	1300	1000	-	25 U	25.0 U	25.0 U	25 U	25.0 U	25.0 U	25.0 U	25 U
Iron	µg/L	-	300	1000	1400[c]	849[6]	654[6]	830[6]	1490[c]	1570[c]	1320[c]	1100[c]
Lead	µg/L	15		-	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	µg/L	-	-	-	21000	18900	17900	20000	18700	18900	18300	19000
Manganese	µg/L	-	50	-	340[6]	42.0	26.5	42	137[6]	139[6]	119[6]	110[6]
Mercury	µg/L	2		-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	-	-	-	40 U	40.0 U	40.0 U	40 U	40.0 U	40.0 U	40.0 U	40 U
Potassium	µg/L	-	-	-	2400 J	921 J	5000 U	860 J	929 J	939 J	953 J	870 J
Selenium	µg/L	50		-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	-		-	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10.0 U	10 U
Sodium	µg/L	-	-	150000	20000	4540 J	4350 J	4100 J	5530	5560	5330	4800 J
Thallium	µg/L	2	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	0.14 J	1.0 U	1.0 U
Vanadium	µg/L	-		-	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50.0 U	50 U
Zinc	µg/L	-	5000	-	20 U	20.0 U	20.0 U	20 U	20.0 U	20.0 U	20.0 U	20 U
General Chemistry												
Bromide	mg/L	-	-	-	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloride	mg/L	-	250	-	40	1.6	1.5	1.4	3.0	2.8	2.5	2.4
Cyanide (total)	mg/L	0.2		-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Sulfate	mg/L	-	250	-	110	13.0	13.4	11	7.5	7.7	7.6	7.8

Notes:
6

a USEPA Primary Contaminant Level
b USEPA Secondary Contaminant Level
c Recommended Dietary Allowance
J Value is estimated.
U Not present at or above the associated value.
* Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L and for lead, the action level is 0.015 mg The action level is discussed herein because there is no primary MCL for lead. The action level applies to public water treatment facilities, and is included herein for discussion purposes only
- Not applicable.
326000[c] Concentration greater than criteria indicated.

APPENDIX C

LABORATORY REPORTS AND DATA VALIDATION MEMORANDA

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MEMORANDUM

TO: Denise Quigley

REF. NO.: 039611

FROM: Steve Day/sd/18

DATE: February 14, 2011

C.C.: Alan Deal, Heidi Steinberg

RE: Data Quality Assessment and Validation
December 2010 Groundwater Monitoring Event
Himco Site
Elkhart, Indiana

The following summarizes the data quality assessment and validation conducted for the samples collected during the December 2010 groundwater monitoring event at the Himco Site in Elkhart, Indiana. The samples identified in Table 1 were analyzed for U.S. EPA's Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), U.S. EPA's Target Analyte List (TAL) metals, total cyanide, and anions (bromide, chloride, and sulfate) by TestAmerica Laboratories, Inc. of North Canton, Ohio. The methods of analysis are presented in Table 2. The data quality evaluation criteria were established by the site-specific quality assurance project plan (QAPP).[1]

Sample Custody, Sample Receipt, and Holding Time Period Compliance

All samples were maintained properly preserved in the field staff's custody prior to being shipped to the laboratory, which was in accordance with the requirements of the QAPP. The samples were received by the laboratory intact, properly preserved, with appropriate chain-of-custody documentation, and within the proper temperature range. All samples were prepared and analyzed within the holding time periods specified in the QAPP.

Method Blank Sample Data

Method blank sample data were evaluated to verify that analytes detected in the investigative samples were not attributable to laboratory conditions or procedures. Acetone, bis(2-ethylhexyl)phthalate, calcium, manganese, methylene chloride, potassium, and zinc were detected, generally at estimated concentrations (i.e., less than their respective reporting limits), in method blank samples associated with certain investigative samples. Investigative sample results that were qualified as non-detected for method blank contamination are presented in Table 3. The remaining method blank samples did not contain target analytes, or the concentrations of target analytes in the investigative samples were greater than five times

[1] Application of data quality evaluation criteria was consistent with the relevant criteria in "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA 540/R-99/008, October 1999 and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", EPA 540-R-04-004, October 2004.

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(ten times for common laboratory contaminants) their concentrations in the associated method blank samples. Qualification of the investigative sample data is not required in this instance.

Calibration Blank Data

The laboratory noted in its case narrative that the continuing calibration blanks (CCBs) associated with the metals analyses of samples collected on December 14, 2010 contained elevated concentrations of beryllium. The CCB data associated with the samples were reviewed, and the beryllium concentrations ranged from 0.5 µg/L to 1.1 µg/L. Investigative sample results that were qualified as non-detected for CCB contamination are presented in Table 4.

Calibration Verification Data

The laboratory noted in its case narrative that the continuing calibration verification (CCV) data associated with the anions analysis of samples collected on December 13, 2010 exceeded the bromide and chloride upper percent recovery control limit of 110%. The bromide and chloride CCV data were reviewed, and the CCV percent recoveries were 313% and 111%, respectively. The associated investigative samples did not contain detectable concentrations of bromide or chloride, and qualification of the associated investigative sample data was not required.

Surrogate Compounds Data

Method performance on individual samples analyzed for VOCs and SVOCs was evaluated by the percent recovery data of surrogate compounds added to each sample prior to analysis. The VOC and SVOC surrogate compounds percent recovery acceptance criteria was achieved for all samples.

Laboratory Control Sample Analyses

Analytical accuracy was evaluated by percent recovery data from laboratory control sample (LCS) analyses. Duplicate laboratory control sample (LCS/LCSD) percent recovery and relative percent difference (RPD) data were evaluated to assess the accuracy and precision of laboratory sample batches without project-specific matrix spike/matrix spike duplicate (MS/MSD) samples. The LCS percent recovery and RPD data were acceptable.

Matrix Spike/Matrix Spike Duplicate Sample Analyses

Accuracy and precision relative to the sample matrix were evaluated by the percent recovery and RPD data from MS/MSD sample analyses. The sulfate and/or chloride percent recoveries reported for two MS/MSD samples exceeded their respective upper percent recovery control limits. Investigative sample data qualified for MS/MSD percent recovery acceptance criteria violation are presented in Table 5. The remaining MS/MSD percent recovery and RPD data were acceptable, or unacceptable MS/MSD data did not result in qualification of the investigative sample data.

Serial Dilution Sample Data

The laboratory flagged the potassium result reported for sample GW-WTE3-121410 with the inorganic "E" qualifier. The qualifier indicates the serial dilution test conducted on the sample exceeded the 10 percent

difference acceptance limit for the flagged analyte. The potassium serial dilution data were reviewed, and the percent difference was found to be 17.3%. Therefore, the potassium result (2,250 µg/L) reported for sample GW-WTE3-121410 was qualified as estimated (J).

Sample Quantitation

VOC and SVOC results reported at concentrations less than their respective sample-specific reporting limits but greater than or equal to their respective method detection limits were flagged by the laboratory with the "J" qualifier. Metals, total cyanide, and anions results reported at concentrations less than their respective sample-specific reporting limits but greater than or equal to their respective method detection limits were flagged by the laboratory with the "B" qualifier. Results flagged as such are estimated concentrations, and the data validation "J" qualifier was applied to these results during the data validation process.

Field Quality Control Sample Analyses

The field quality control samples collected during the sampling event consisted of field equipment rinsate blank, trip blank, and field duplicate samples.

The effectiveness of the field decontamination procedure was evaluated by the data from the analysis of field equipment rinsate blank samples. The field equipment rinsate blank samples did not contain target analytes, or target analytes detected in field equipment rinsate blank samples did not result in investigative sample data qualification.

Sample cross-contamination by VOCs during sample transportation and storage was evaluated by the data from trip blank samples that were submitted to the laboratory for analysis with the investigative groundwater samples. The trip blank samples did not contain VOCs, or VOCs detected in trip blank samples did not result in investigative sample data qualification.

Field duplicate samples were collected to assess the overall precision of the sampling and analysis event. The QAPP requires evaluation of duplicate sample data when the concentrations of analytes detected in both the investigative and field duplicate samples are greater than five times their respective reporting limits. The RPDs calculated from these data are required to be within 50%. Table 6 summarizes the results of, and RPDs calculated for, the investigative and field duplicate samples that met the QAPP-specified evaluation criteria. As shown in Table 6, all RPD data were acceptable, indicating overall precision for the sampling and analysis event also was acceptable.

Completeness

Completeness, as determined by the total number of usable results versus the total number of results, was required to be 90% or greater. All data were usable, and the completeness goal was attained.

Overall Assessment

The sample data are suitable for their intended use with the qualifications noted herein.

TABLE 1

SAMPLE IDENTIFICATION NUMBERS
DECEMBER 2010 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

GW-WT117A-120710
GW-WT117B-120710
GW-WT117C-120710
GW-WT117D-120710
GW-WT104A-120710
GW-WT104A-120710-E
GW-WT105A-120710
TRIP BLANK-120710-1
GW-WT106A-120810
GW-WT106B-120810
GW-WT120A-120810
GW-WT120A-120810-D
GW-WT120B-120810
GW-WT114C-120810
GW-WT114B-120810
GW-WT114A-120810
TRIP BLANK-120810-2
GW-WT118B-120910
GW-WT111A-120910
GW-WT103A-120910
GW-WTB4-120910
GW-WTB3-120910
GW-WTB1-120910
TRIP BLANK-120910-3
GW-WT116A-121010
GW-WT116B-121010
GW-WT119B-121010
TRIP BLANK-121010-4
GW-WT115A-121310
GW-WT115A-121310-E
GW-WTO4-121310
GW-WTO4-121310-D
GW-WTO3-121310
GW-WTO2-121310
TRIP BLANK-121310-5
GW-WTE3-121410
GW-WTE1-121410
GW-WT101E-121410
GW-WT101D-121410
GW-WT101C-121410
GW-WT101B-121410
GW-WT101A-121410
TRIP BLANK-121410-6

TABLE 2

SUMMARY OF ANALYTICAL METHODS
DECEMBER 2010 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Parameter Group/Analyte	*Preparation Method*[1]	*Analysis Method*[1]
Volatile Organic Compounds	SW-846 5030B	SW-846 8260B
Semivolatile Organic Compounds	SW-846 3520C	SW-846 8270C
Metals		
Aluminum	SW-846 3005A	SW-846 6020
Antimony	SW-846 3005A	SW-846 6020
Arsenic	SW-846 3005A	SW-846 6020
Barium	SW-846 3005A	SW-846 6010B
Beryllium	SW-846 3005A	SW-846 6010B
Cadmium	SW-846 3005A	SW-846 6010B
Calcium	SW-846 3005A	SW-846 6010B
Chromium	SW-846 3005A	SW-846 6010B
Cobalt	SW-846 3005A	SW-846 6010B
Copper	SW-846 3005A	SW-846 6010B
Iron	SW-846 3005A	SW-846 6010B
Lead	SW-846 3005A	SW-846 6010B
Magnesium	SW-846 3005A	SW-846 6010B
Manganese	SW-846 3005A	SW-846 6010B
Mercury	SW-846 7040A	SW-846 7040A
Nickel	SW-846 3005A	SW-846 6010B
Potassium	SW-846 3005A	SW-846 6010B
Selenium	SW-846 3005A	SW-846 6010B
Silver	SW-846 3005A	SW-846 6010B
Sodium	SW-846 3005A	SW-846 6010B
Thallium	SW-846 3005A	SW-846 6020
Vanadium	SW-846 3005A	SW-846 6010B
Zinc	SW-846 3005A	SW-846 6010B
Total Cyanide	SW-846 9012A	SW-846 9012A
Anions		
Bromide	EPA 300.0A	EPA 300.0A
Chloride	EPA 300.0A	EPA 300.0A
Sulfate	EPA 300.0A	EPA 300.0A

[1] Method references:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA SW-846, 3rd Edition with Updates I through IIIB.
EPA - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

TABLE 3

SUMMARY OF SAMPLE DATA QUALIFIED FOR METHOD BLANK CONTAMINATION DECEMBER 2010 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Acetone	GW-WT116A-121010	10 U
	GW-WT116B-121010	10 U
	GW-WT119B-121010	20 U
bis(2-Ethylhexyl)phthalate	GW-WT106A-120810	2.0 U
	GW-WT106B-120810	2.0 U
	GW-WTO3-121310	2.0 U
	GW-WTO4-121310	2.0 U
	GW-WTO4-121310-D	2.0 U
Methylene chloride	GW-WT101B-121410	2.0 U
	GW-WTE3-121410	2.0 U
Zinc	GW-WT106B-120810	20.0 U
	GW-WT119B-121010	20.0 U
	GW-WT101A-121410	20.0 U
	GW-WT101B-121410	20.5 U
	GW-WT101C-121410	20.0 U
	GW-WTE1-121410	20.0 U
	GW-WTE3-121410	20.0 U
	GW-WT117A-120710	20.0 U
	GW-WT117B-120710	29.1 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 4

SUMMARY OF SAMPLE DATA QUALIFIED FOR CONTINUING CALIBRATION BLANK CONTAMINATION DECEMBER 2010 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Beryllium	GW-WT101A-121410	1.0 U
	GW-WT101B-121410	1.0 U
	GW-WT101C-121410	1.0 U
	GW-WT101D-121410	1.0 U
	GW-WT101E-121410	1.0 U
	GW-WTE1-121410	1.0 U
	GW-WTE3-121410	1.0 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 5

SUMMARY OF SAMPLE DATA QUALIFIED FOR VIOLATION OF MATRIX SPIKE/MATRIX SPIKE DUPLICATE ACCEPTANCE CRITERIA DECEMBER 2010 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Sample ID	*Analytes*	*Qualified Result* [1]
GW-WTB4-120910	Chloride	35.7 J
	Sulfate	31.5 J
GW-WT101D-121410	Chloride	36.5 J

[1] The sample results are qualified as:
J - The associated value is an estimated quantity.

TABLE 6

SUMMARY OF DETECTED ANALYTES
FIELD DUPLICATE SAMPLES
DECEMBER 2010 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Investigative Sample GW-WT120A-120810*	*Field Duplicate Sample GW-WT120A-120810-D*	*RPD* [1]
Arsenic	4.1	4.1	0
Calcium	77,500	77,500	0
Chloride	67.2	67.2	0
Iron	944	946	0.2
Magnesium	19,600	19,500	0.5
Manganese	86.1	86.0	0.1
Sodium	38,200	38,000	0.5
Sulfate	45.3	45.3	0

Analyte	*Investigative Sample GW-WTO4-121310*	*Field Duplicate Sample GW-WTO4-121310-D*	*RPD*
Arsenic	11.9	11.9	0
Calcium	55,100	55,500	0.7
Iron	1,490	1,570	5.2
Magnesium	18,700	18,900	1.1
Manganese	137	139	1.4
Sodium	5,530	5,560	0.5
Sulfate	7.5	7.7	2.6

[1] RPD - Relative Percent Difference

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MEMORANDUM

TO: Denise Quigley

REF. NO.: 039611

FROM: Steve Day/sd/20

DATE: October 22, 2011

C.C.: Alan Deal, Heidi Steinberg

RE: Data Quality Assessment and Validation
March/April 2011 Groundwater Monitoring Event
Himco Site
Elkhart, Indiana

The following summarizes the data quality assessment and validation conducted for the samples collected during the March/April 2011 groundwater monitoring event at the Himco Site in Elkhart, Indiana. The samples identified in Table 1 were analyzed for U.S. EPA's Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), U.S. EPA's Target Analyte List (TAL) metals, total cyanide, and anions (bromide, chloride, and sulfate) by TestAmerica Laboratories, Inc. of North Canton, Ohio. The methods of analysis are presented in Table 2. The data quality evaluation criteria were established by the site-specific quality assurance project plan (QAPP).[1]

Sample Custody, Sample Receipt, and Holding Time Period Compliance

All samples were maintained properly preserved in the field staff's custody prior to being shipped to the laboratory, which was in accordance with the requirements of the QAPP. The samples were received by the laboratory intact, properly preserved, with appropriate chain-of-custody documentation, and within the proper temperature range. Sample GW-WT101D-030911 was re-extracted for SVOC analysis after the 7-day holding time period had expired. The sample required re-extraction because the surrogate compounds percent recovery acceptance criteria was not achieved during the original SVOC analysis. The SVOC surrogate compounds percent recovery data reported for the analysis of the re-extracted sample were acceptable, and these SVOC results, which were qualified as estimated (UJ), are usable for the purposes of the investigation. All remaining samples were prepared and analyzed within the holding time periods specified in the QAPP.

Method Blank Sample Data

Method blank sample data were evaluated to verify that analytes detected in the investigative samples were not attributable to laboratory conditions or procedures. Acetone, 1,2,4-trichlorobenzene, methylene

[1] Application of data quality evaluation criteria was consistent with the relevant criteria in "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA 540/R-99/008, October 1999 and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", EPA 540-R-04-004, October 2004.

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chloride, tetrachloroethene, di-n-butylphthalate, bis(2-ethylhexyl)phthalate, butylbenzylphthalate, arsenic, barium, beryllium, calcium, magnesium, manganese, potassium, thallium, vanadium, and zinc were detected, generally at estimated concentrations (i.e., less than their respective reporting limits), in method blank samples associated with certain investigative samples. Investigative sample results that were qualified as non-detected for method blank contamination are presented in Table 3. The remaining method blank samples did not contain target analytes, or the concentrations of target analytes in the investigative samples were greater than five times (ten times for common laboratory contaminants) their concentrations in the associated method blank samples. Qualification of the investigative sample data is not required in this instance.

Surrogate Compounds Data

Method performance on individual samples analyzed for VOCs and SVOCs was evaluated by the percent recovery data of surrogate compounds added to each sample prior to analysis. With the exception of the surrogate compounds percent recoveries reported for the original SVOC analysis of sample GW-WT101D-030911 (noted previously), the VOC and SVOC surrogate compounds percent recovery acceptance criteria was achieved for all samples.

Laboratory Control Sample Analyses

Analytical accuracy was evaluated by percent recovery data from laboratory control sample (LCS) analyses. Duplicate laboratory control sample (LCS/LCSD) percent recovery and relative percent difference (RPD) data were evaluated to assess the accuracy and precision of laboratory sample batches without project-specific matrix spike/matrix spike duplicate (MS/MSD) samples. The LCS percent recovery for 4-chlorophenyl-phenylether associated with the SVOC analysis of sample GW-WT106C-040811 was below its lower control limit, but greater than 10%, and the 4-chlorophenyl-phenylether result for this sample was qualified as estimated (UJ). The remaining LCS percent recovery data and all RPD data were acceptable.

Matrix Spike/Matrix Spike Duplicate Sample Analyses

Accuracy and precision relative to the sample matrix were evaluated by the percent recovery and RPD data from MS/MSD sample analyses. The sulfate and/or chloride percent recoveries reported for two MS/MSD samples exceeded their respective upper control limits. Investigative sample data qualified for MS/MSD percent recovery acceptance criteria violation are presented in Table 4. The remaining MS/MSD percent recovery and RPD data were acceptable, or unacceptable MS/MSD data did not result in qualification of the investigative sample data.

Matrix Spike Sample Analyses - Anions

The accuracy of the anions results relative to the sample matrix was evaluated by the percent recovery data from matrix spike sample analyses. The chloride percent recoveries reported for two matrix spike samples exceeded their respective upper control limits. Investigative sample data qualified for matrix spike percent recovery acceptance criteria violation are included in Table 4. The remaining matrix spike percent recovery data were acceptable, or unacceptable matrix spike data did not result in qualification of the investigative sample data.

Sample Quantitation

VOC and SVOC results reported at concentrations less than their respective sample-specific reporting limits but greater than or equal to their respective method detection limits were flagged by the laboratory with the "J" qualifier. Metals, total cyanide, and anions results reported at concentrations less than their respective sample-specific reporting limits but greater than or equal to their respective method detection limits were flagged by the laboratory with the "B" qualifier. Results flagged as such are estimated concentrations, and the data validation "J" qualifier was applied to these results during the data validation process.

Field Quality Control Sample Analyses

The field quality control samples collected during the sampling event consisted of field equipment rinsate blank, trip blank, and field duplicate samples.

The effectiveness of the field decontamination procedure was evaluated by the data from the analysis of field equipment rinsate blank samples. Carbon disulfide and thallium were detected in the field equipment rinsate blank samples associated with two investigative samples. The investigative sample results that were qualified as non-detected for field equipment rinsate blank contamination are presented in Table 5. The remaining field equipment rinsate blank samples did not contain target analytes, or target analytes detected in field equipment rinsate blank samples did not result in investigative sample data qualification.

Sample cross-contamination by VOCs during sample transportation and storage was evaluated by the data from trip blank samples that were submitted to the laboratory for analysis with the investigative groundwater samples. Acetone and 2-butanone were detected in the trip blank sample associated with three samples. Sample results that were qualified as non-detected for trip blank contamination are presented in Table 6. The remaining trip blank samples did not contain VOCs, or VOCs detected in trip blank samples did not result in investigative sample data qualification.

Field duplicate samples were collected to assess the overall precision of the sampling and analysis event. The QAPP requires evaluation of duplicate sample data when the concentrations of analytes detected in both the investigative and field duplicate samples are greater than five times their respective reporting limits. The RPDs calculated from these data are required to be within 50%. Table 6 summarizes the results of, and RPDs calculated for, the investigative and field duplicate samples that met the QAPP-specified evaluation criteria. As shown in Table 7, all RPD data were acceptable, indicating overall precision for the sampling and analysis event also was acceptable.

Completeness

Completeness, as determined by the total number of usable results versus the total number of results, was required to be 90% or greater. All data were usable, and the completeness goal was attained.

Overall Assessment

The sample data are suitable for their intended use with the qualifications noted herein.

TABLE 1

SAMPLE IDENTIFICATION NUMBERS
MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

GW-WT117A-030811
GW-WT117B-030811
GW-WT117C-030811
GW-WT117D-030811
GW-WT104A-030811
GW-WT114A-030811
GW-WT114B-030811
GW-WT114C-030811
GW-WT114C-030811-D
GW-WT120A-030811
TRIP BLANK-030811-001
GW-WTO2-030911
GW-WTO2-030911-E
GW-WTO3-030911
GW-WTO4-030911
GW-WT101A-030911
GW-WT101B-030911
GW-WT101C-030911
GW-WT101E-030911
GW-WT101D-030911
TRIP BLANK-030911-002
GW-WT120C-031011
GW-WT120B-031011
GW-WT122A-031011
GW-WT122B-031011
GW-WT122C-031011
TRIP BLANK-031011-003
GW-WT115B-031111
GW-WT115A-031111
GW-WT115C-031111
TRIP BLANK-031111-004
GW-WTE3-031411
GW-WTE1-031411
GW-WTE1-031411-E
GW-WT119B-031411
GW-WT119B-031411-D
GW-WT116B-031411
GW-WT116A-031411
TRIP BLANK-031411-005
GW-WT121A-031511
GW-WT121B-031511
GW-WT106A-031511
GW-WT106B-031511
GW-WTB4-031511
GW-WTB3-031511
GW-WT103A-031511
TRIP BLANK-031511-006
GW-WT113B-031611
GW-WT113A-031611
TRIP BLANK-031611-007
GW-WT112B-031611
GW-WT102A-031611
GW-WT102A-031611-E
GW-WT102B-031611
GW-WT102B-031611-D
GW-WT102C-031611
GW-WT118B-031611
GW-WT111A-031611
GW-WTB1-031711
TRIP BLANK-031711-008
GW-WT106C-040811

TABLE 2

SUMMARY OF ANALYTICAL METHODS
MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Parameter Group/Analyte	*Preparation Method*[1]	*Analysis Method*[1]
Volatile Organic Compounds	SW-846 5030B	SW-846 8260B
Semivolatile Organic Compounds	SW-846 3520C	SW-846 8270C
Metals		
Aluminum	SW-846 3005A	SW-846 6020
Antimony	SW-846 3005A	SW-846 6020
Arsenic	SW-846 3005A	SW-846 6020
Barium	SW-846 3005A	SW-846 6010B
Beryllium	SW-846 3005A	SW-846 6010B
Cadmium	SW-846 3005A	SW-846 6010B
Calcium	SW-846 3005A	SW-846 6010B
Chromium	SW-846 3005A	SW-846 6010B
Cobalt	SW-846 3005A	SW-846 6010B
Copper	SW-846 3005A	SW-846 6010B
Iron	SW-846 3005A	SW-846 6010B
Lead	SW-846 3005A	SW-846 6010B
Magnesium	SW-846 3005A	SW-846 6010B
Manganese	SW-846 3005A	SW-846 6010B
Mercury	SW-846 7040A	SW-846 7040A
Nickel	SW-846 3005A	SW-846 6010B
Potassium	SW-846 3005A	SW-846 6010B
Selenium	SW-846 3005A	SW-846 6010B
Silver	SW-846 3005A	SW-846 6010B
Sodium	SW-846 3005A	SW-846 6010B
Thallium	SW-846 3005A	SW-846 6020
Vanadium	SW-846 3005A	SW-846 6010B
Zinc	SW-846 3005A	SW-846 6010B
Total Cyanide	SW-846 9012A	SW-846 9012A
Anions		
Bromide	EPA 300.0A	EPA 300.0A
Chloride	EPA 300.0A	EPA 300.0A
Sulfate	EPA 300.0A	EPA 300.0A

[1] Method references:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA SW-846, 3rd Edition with Updates I through IIIB.
EPA - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

TABLE 3

SUMMARY OF SAMPLE DATA QUALIFIED FOR METHOD BLANK CONTAMINATION MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
1,2,4-Trichlorobenzene	GW-WT101B-030911	1.0 U
Acetone	GW-WTO2-030911	10 U
	GW-WTO3-030911	10 U
	GW-WTO4-030911	10 U
	GW-WT101A-030911	10 U
	GW-WT101B-030911	10 U
	GW-WT101E-030911	10 U
Methylene chloride	GW-WTB1-031711	1.0 U
Tetrachloroethene	GW-WT106C-040811	1.0 U
bis(2-Ethylhexyl)phthalate	GW-WT104A-030811	3.8 U
	GW-WT114A-030811	2.0 U
	GW-WT114B-030811	2.0 U
	GW-WT114C-030811	2.0 U
	GW-WT117A-030811	2.0 U
	GW-WT120A-030811	2.0 U
	GW-WT122B-031011	2.0 U
	GW-WT115A-031111	2.0 U
Butylbenzylphthalate	GW-WT103A-031511	1.1 U
Di-n-butylphthalate	GW-WT114A-030811	1.0 U
	GW-WT114B-030811	1.0 U
	GW-WT114C-030811	1.0 U
	GW-WT120A-030811	1.0 U
Arsenic	GW-WT120C-031011	3.3 U
	GW-WT122A-031011	1.3 U
	GW-WT122B-031011	2.4 U
	GW-WT122C-031011	1.0 U
Barium	GW-WT104A-030811	200 U
	GW-WT122C-031011	200 U

TABLE 3

SUMMARY OF SAMPLE DATA QUALIFIED FOR METHOD BLANK CONTAMINATION MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Beryllium	GW-WT113B-031611	1.0 U
Manganese	GW-WT104A-030811	15.0 U
Potassium	GW-WTO3-030911	5000 U
Thallium	GW-WT120B-031011	1.0 U
	GW-WT120C-031011	1.0 U
Vanadium	GW-WT117A-030811	50.0 U
	GW-WT117C-030811	50.0 U
	GW-WT116A-031411	50.0 U
Zinc	GW-WTO3-030911	20.0 U
	GW-WTO4-030911	20.0 U
	GW-WT101A-030911	20.0 U
	GW-WT101C-030911	20.0 U
	GW-WT114B-030811	20.0 U
	GW-WT114C-030811	20.0 U
	GW-WT114C-030811-D	20.0 U
	GW-WT117A-030811	20.0 U
	GW-WT117C-030811	20.0 U
	GW-WT120A-030811	20.0 U
	GW-WT120C-031011	20.0 U
	GW-WT122A-031011	20.0 U
	GW-WT122B-031011	20.0 U
	GW-WT122C-031011	20.0 U
	GW-WT115A-031111	24.4 U
	GW-WT115B-031111	20.0 U
	GW-WT116B-031411	20.0 U
	GW-WT119B-031411	20.0 U
	GW-WT119B-031411-D	20.0 U
	GW-WTE3-031411	20.0 U
	GW-WT106A-031511	20.0 U
	GW-WT106B-031511	20.0 U
	GW-WT121B-031511	20.0 U

TABLE 3

SUMMARY OF SAMPLE DATA QUALIFIED FOR METHOD BLANK CONTAMINATION MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Zinc	GW-WT102B-031611-D	20.0 U
	GW-WT102C-031611	37.4 U
	GW-WT111A-031611	20.0 U
	GW-WT113A-031611	20.0 U
	GW-WTB1-031711	30.6 U
	GW-WT106C-040811	20.0 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 4

SUMMARY OF SAMPLE DATA QUALIFIED FOR MATRIX SPIKE OR MATRIX SPIKE/MATRIX SPIKE DUPLICATE ACCEPTANCE CRITERIA VIOLATION
MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Sample ID	*Analytes*	*Qualified Result* [1]
GW-WT102C-031611	Acetophenone	1.8 J
	Phenol	0.62 J
	2,2'-Oxybis(1-chloropropane)	1.0 UJ
	2,4,5-Trichlorophenol	5.0 UJ
	2,4,6-Trichlorophenol	5.0 UJ
	2,4-Dichlorophenol	2.0 UJ
	2,4-Dimethylphenol	2.0 UJ
	2,4-Dinitrophenol	5.0 UJ
	2,4-Dinitrotoluene	5.0 UJ
	2,6-Dinitrotoluene	5.0 UJ
	2-Chloronaphthalene	1.0 UJ
	2-Chlorophenol	1.0 UJ
	2-Methylnaphthalene	0.20 UJ
	2-Methylphenol	1.0 UJ
	2-Nitroaniline	2.0 UJ
	2-Nitrophenol	2.0 UJ
	3,3'-Dichlorobenzidine	5.0 UJ
	3-Nitroaniline	2.0 UJ
	4,6-Dinitro-2-methylphenol	5.0 UJ
	4-Bromophenyl phenyl ether	2.0 UJ
	4-Chloro-3-methylphenol	2.0 UJ
	4-Chloroaniline	2.0 UJ
	4-Chlorophenyl phenyl ether	2.0 UJ
	4-Methylphenol	1.0 UJ
	4-Nitroaniline	2.0 UJ
	4-Nitrophenol	5.0 UJ
	Acenaphthene	0.20 UJ
	Acenaphthylene	0.20 UJ
	Anthracene	0.20 UJ
	Atrazine	1.0 UJ
	Benzaldehyde	1.0 UJ
	Benzo(a)anthracene	0.20 UJ
	Benzo(a)pyrene	0.20 UJ
	Benzo(b)fluoranthene	0.20 UJ
	Benzo(g,h,i)perylene	0.20 UJ
	Benzo(k)fluoranthene	0.20 UJ

TABLE 4

SUMMARY OF SAMPLE DATA QUALIFIED FOR MATRIX SPIKE OR MATRIX SPIKE/MATRIX SPIKE DUPLICATE ACCEPTANCE CRITERIA VIOLATION
MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Sample ID	*Analytes*	*Qualified Result* [1]
GW-WT102C-031611	Biphenyl	1.0 UJ
	bis(2-Chloroethoxy)methane	1.0 UJ
	bis(2-Chloroethyl)ether	1.0 UJ
	bis(2-Ethylhexyl)phthalate	2.0 UJ
	Butyl benzylphthalate	1.0 UJ
	Caprolactam	5.0 UJ
	Carbazole	1.0 UJ
	Chrysene	0.20 UJ
	Dibenz(a,h)anthracene	0.20 UJ
	Dibenzofuran	1.0 UJ
	Diethyl phthalate	1.0 UJ
	Dimethyl phthalate	1.0 UJ
	Di-n-butylphthalate	1.0 UJ
	Di-n-octyl phthalate	1.0 UJ
	Fluoranthene	0.20 UJ
	Fluorene	0.20 UJ
	Hexachlorobenzene	0.20 UJ
	Hexachlorobutadiene	1.0 UJ
	Hexachlorocyclopentadiene	10 UJ
	Hexachloroethane	1.0 UJ
	Indeno(1,2,3-cd)pyrene	0.20 UJ
	Isophorone	1.0 UJ
	Naphthalene	0.20 UJ
	Nitrobenzene	1.0 UJ
	N-Nitrosodi-n-propylamine	1.0 UJ
	N-Nitrosodiphenylamine	1.0 UJ
	Pentachlorophenol	5.0 UJ
	Phenanthrene	0.20 UJ
	Pyrene	0.20 UJ
GW-WT102C-031611	Calcium	196000 J
	Magnesium	88200 J
	Manganese	771 J
GW-WT115B-031111	Selenium	5.0 UJ

TABLE 4

SUMMARY OF SAMPLE DATA QUALIFIED FOR MATRIX SPIKE OR MATRIX SPIKE/MATRIX SPIKE DUPLICATE ACCEPTANCE CRITERIA VIOLATION MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Sample ID	*Analytes*	*Qualified Result* [1]
GW-WT106A-031511	Chloride	55.4 J
	Sulfate	116 J
GW-WT116B-031411	Chloride	37.2 J
GW-WTB1-031711	Chloride	67.6 J

[1] The sample results are qualified as:
J - The associated value is an estimated quantity.
UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

TABLE 5

SUMMARY OF SAMPLE DATA QUALIFIED FOR VIOLATION OF FIELD EQUIPMENT RINSATE BLANK CONTAMINATION MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Carbon disulfide	GW-WT116B-031411	1.0 U
	GW-WT119B-031411	1.0 U
	GW-WT119B-031411-D	1.0 U
Thallium	GW-WTE1-031411	1.0 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 6

SUMMARY OF SAMPLE DATA QUALIFIED FOR
TRIP BLANK CONTAMINATION
MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Acetone	GW-WT102B-031611	10 U
	GW-WT102B-031611-D	10 U
	GW-WT102C-031611	10 U
2-Butanone	GW-WT102B-031611	10 U
	GW-WT102B-031611-D	10 U
	GW-WT102C-031611	10 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 7

SUMMARY OF DETECTED ANALYTES
FIELD DUPLICATE SAMPLES
MARCH/APRIL 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Investigative Sample GW-WT114C-030811*	*Field Duplicate Sample GW-WT114C-030811-D*	*RPD* [1]
1,1-Dichloroethane	4.5	4.5	0
Arsenic	19.2	18.3	4.8
Calcium	82,500	80,300	2.7
Chloride	28.9	28.9	0
Iron	3,650	3,540	3.1
Manganese	34.2	32.9	3.9
Sulfate	115	115	0

Analyte	*Investigative Sample GW-WT119B-031411*	*Field Duplicate Sample GW-WT119B-031411-D*	*RPD*
Chloride	23.6	23.9	1.3
Calcium	169,000	159,000	6.1
Cyanide (total)	0.051	0.051	0
Iron	2,280	2,080	9.2
Magnesium	73,000	67,400	8.0
Manganese	203	191	6.1
Potassium	13,800	12,900	6.7
Sodium	81,900	75,900	7.6
Sulfate	346	350	1.1

Analyte	*Investigative Sample GW-WT102B-031611*	*Field Duplicate Sample GW-WT102B-031611-D*	*RPD*
Chloride	48.8	48.9	0.2
Sulfate	38.0	38.0	0
Sodium	25,300	26,100	3.1
Calcium	64,700	66,800	3.2
Iron	797	973	20

[1] RPD - Relative Percent Difference

CONESTOGA-ROVERS & ASSOCIATES

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MEMORANDUM

TO: Denise Quigley

REF. NO.: 039611

FROM: Steve Day/sd/21

DATE: November 23, 2011

C.C.: Alan Deal, Heidi Steinberg

RE: Data Quality Assessment and Validation
June 2011 Groundwater Monitoring Event
Himco Site
Elkhart, Indiana

The following summarizes the data quality assessment and validation conducted for the samples collected during the June 2011 groundwater monitoring event at the Himco Site in Elkhart, Indiana. The samples identified in Table 1 were analyzed for U.S. EPA's Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), U.S. EPA's Target Analyte List (TAL) metals, total cyanide, and anions (bromide, chloride, and sulfate) by TestAmerica Laboratories, Inc. of North Canton, Ohio. The methods of analysis are presented in Table 2. The data quality evaluation criteria were established by the site-specific quality assurance project plan (QAPP).[1]

Sample Custody, Sample Receipt, and Holding Time Period Compliance

All samples were maintained properly preserved in the field staff's custody prior to being shipped to the laboratory, which was in accordance with the requirements of the QAPP. The samples were received by the laboratory intact, properly preserved, with appropriate chain-of-custody documentation, and within the proper temperature range. All samples were prepared and analyzed within the holding time periods specified in the QAPP.

Method Blank Sample Data

Method blank sample data were evaluated to verify that analytes detected in the investigative samples were not attributable to laboratory conditions or procedures. Acetone, 2-butanone, bis(2-ethylhexyl)phthalate, phenol, antimony, barium, beryllium, calcium, iron, magnesium, manganese, potassium, thallium, and zinc were detected, generally at estimated concentrations (i.e., less than their respective reporting limits), in method blank samples associated with certain investigative samples. Investigative sample results that were qualified as non-detected for method blank contamination are presented in Table 3. The remaining method blank samples did not contain target analytes, or the concentrations of target analytes in the investigative

[1] Application of data quality evaluation criteria was consistent with the relevant criteria in "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA 540/R-99/008, October 1999 and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", EPA 540-R-04-004, October 2004.

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samples were greater than five times (ten times for common laboratory contaminants) their concentrations in the associated method blank samples. Qualification of the investigative sample data is not required in this instance.

Calibration Blank Data - Metals

The laboratory flagged the metals results in several reports with a "^", which is defined by the laboratory as "instrument related QC exceeds the control limits". The instrument quality control (QC) and raw data provided for all metals in the associated reports were reviewed, and antimony, beryllium, and thallium were detected in initial and continuing calibration blanks at elevated concentrations. In addition, the laboratory flagged the mercury and lead results for two samples with a "L", which is defined as "a negative instrument reading had an absolute value greater than the reporting limit". Investigative sample results that were qualified for outlying calibration blank data are presented in Table 4.

Calibration Verification Data - Metals

The laboratory flagged the metals results in several reports with a "^", which is defined as "instrument related QC exceeds the control limits". The instrument QC and raw data provided for all metals in the associated reports were reviewed, and the percent recovery of nickel in three continuing calibration verification (CCV) standards were greater than 110%. Investigative sample nickel results that were qualified for CCV percent recovery acceptance criteria violation are presented in Table 5.

Surrogate Compounds Data

Method performance on individual samples analyzed for VOCs and SVOCs was evaluated by the percent recovery data of surrogate compounds added to each sample prior to analysis. The VOC and SVOC surrogate compounds percent recovery acceptance criteria was achieved for all samples.

Laboratory Control Sample Analyses

Analytical accuracy was evaluated by percent recovery data from laboratory control sample (LCS) analyses. Duplicate laboratory control sample (LCS/LCSD) percent recovery and relative percent difference (RPD) data were evaluated to assess the accuracy and precision of laboratory sample batches without project-specific matrix spike/matrix spike duplicate (MS/MSD) samples. The LCS percent recovery and RPD data were acceptable.

Matrix Spike/Matrix Spike Duplicate Sample Analyses

Accuracy and precision relative to the sample matrix were evaluated by the percent recovery and RPD data from MS/MSD sample analyses. Investigative sample data qualified for MS/MSD percent recovery acceptance criteria violation are presented in Table 6. The remaining MS/MSD percent recovery and RPD data were acceptable, or unacceptable MS/MSD data did not result in qualification of the investigative sample data.

Matrix Spike Sample Analyses - Anions

The accuracy of the anions results relative to the sample matrix was evaluated by the percent recovery data from matrix spike sample analyses. Investigative sample data qualified for matrix spike percent recovery

acceptance criteria violation are included in Table 6. The remaining matrix spike percent recovery data were acceptable, or unacceptable matrix spike data did not result in qualification of the investigative sample data.

Serial Dilution Sample Data

The laboratory flagged the magnesium result reported for sample GW-WT117A-061411 with a "V", which indicates the serial dilution test conducted on the sample exceeded the 10 percent difference acceptance limit for the flagged analyte. The magnesium serial dilution data were reviewed, and the percent difference was found to be 11%. Therefore, the magnesium result (2,800 µg/L) reported for sample GW-WT117A-061411 was qualified as estimated (J).

Sample Quantitation

Analytes results reported at concentrations less than their respective sample-specific reporting limits but greater than or equal to their respective method detection limits were flagged by the laboratory with the "J" qualifier. Results flagged as such are estimated concentrations, and the data validation "J" qualifier was applied to these results during the data validation process.

Field Quality Control Sample Analyses

The field quality control samples collected during the sampling event consisted of field equipment rinsate blank, trip blank, and field duplicate samples.

The effectiveness of the field decontamination procedure was evaluated by the data from the analysis of field equipment rinsate blank samples. The field equipment rinsate blank samples did not contain target analytes, or target analytes detected in field equipment rinsate blank samples did not result in investigative sample data qualification.

Sample cross-contamination by VOCs during sample transportation and storage was evaluated by the data from trip blank samples that were submitted to the laboratory for VOC analysis with the investigative groundwater samples. Acetone, benzene, and toluene were detected in the trip blank sample associated with certain investigative samples. Investigative sample results that were qualified as non-detected for trip blank contamination are presented in Table 7. The remaining trip blank samples did not contain VOCs, or VOCs detected in trip blank samples did not result in investigative sample data qualification.

Field duplicate samples were collected to assess the overall precision of the sampling and analysis event. The QAPP requires evaluation of duplicate sample data when the concentrations of analytes detected in both the investigative and field duplicate samples are greater than five times their respective reporting limits. The RPDs calculated from these data are required to be within 50%. Table 8 summarizes the results of, and RPDs calculated for, the investigative and field duplicate samples that met the QAPP-specified evaluation criteria. As shown in Table 8, all RPD data were acceptable, indicating overall precision for the sampling and analysis event also was acceptable.

Completeness

Completeness, as determined by the total number of usable results versus the total number of results, was required to be 90% or greater. All data were usable, and the completeness goal was attained.

Overall Assessment

The sample data are suitable for their intended use with the qualifications noted herein.

TABLE 1

SAMPLE IDENTIFICATION NUMBERS
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

GW-WT117A-061411
GW-WT117B-061411
GW-WT117C-061411
GW-WT117D-061411
GW-WT117D-061411-E
GW-WT121A-061411
GW-WT121B-061411
TRIP BLANK-061411-001
GW-WT120C-061511
GW-WT120B-061511
GW-WT120A-061511
GW-WT122A-061611
GW-WT122B-061611
GW-WT122C-061611
GW-WT122C-061611-D
GW-WT104A-061611
GW-WT106A-061611
GW-WT106B-061611
GW-WT106C-061611
TRIP BLANK-061611-002
GW-WT114A-061711
GW-WT114B-061711
GW-WT114C-061711
TRIP BLANK-061711-003
GW-WTO2-062111
GW-WT118B-062111-D
GW-WTO3-062111
GW-WTO4-062111
GW-WTO4-062111-E
GW-WTE1-062111
GW-WTE3-062111
GW-WT111A-062111
GW-WT118B-062111
TRIP BLANK-062111-004
GW-WT116A-062211
GW-WT116B-062211
GW-WT115A-062211
GW-WT115C-062211
GW-WT115B-062211
GW-WT119B-062211
TRIPBLANK-062211-005
GW-WT101B-062311
GW-WT101C-062311
GW-WT101E-062311
GW-WT103A-062311
GW-WT101A-062311
GW-WT101D-062311
GW-WTB4-062411
GW-WTB3-062411
GW-WTB1-062411
TRIP BLANK-062411-006

TABLE 2

SUMMARY OF ANALYTICAL METHODS
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Parameter Group/Analyte	*Preparation Method*[1]	*Analysis Method*[1]
Volatile Organic Compounds	SW-846 5030B	SW-846 8260B
Semivolatile Organic Compounds	SW-846 3520C	SW-846 8270C
Metals		
Aluminum	SW-846 3005A	SW-846 6020
Antimony	SW-846 3005A	SW-846 6020
Arsenic	SW-846 3005A	SW-846 6020
Barium	SW-846 3005A	SW-846 6010B
Beryllium	SW-846 3005A	SW-846 6010B
Cadmium	SW-846 3005A	SW-846 6010B
Calcium	SW-846 3005A	SW-846 6010B
Chromium	SW-846 3005A	SW-846 6010B
Cobalt	SW-846 3005A	SW-846 6010B
Copper	SW-846 3005A	SW-846 6010B
Iron	SW-846 3005A	SW-846 6010B
Lead	SW-846 3005A	SW-846 6010B
Magnesium	SW-846 3005A	SW-846 6010B
Manganese	SW-846 3005A	SW-846 6010B
Mercury	SW-846 7040A	SW-846 7040A
Nickel	SW-846 3005A	SW-846 6010B
Potassium	SW-846 3005A	SW-846 6010B
Selenium	SW-846 3005A	SW-846 6010B
Silver	SW-846 3005A	SW-846 6010B
Sodium	SW-846 3005A	SW-846 6010B
Thallium	SW-846 3005A	SW-846 6020
Vanadium	SW-846 3005A	SW-846 6010B
Zinc	SW-846 3005A	SW-846 6010B
Total Cyanide	SW-846 9012A	SW-846 9012A
Anions		
Bromide	EPA 300.0A	EPA 300.0A
Chloride	EPA 300.0A	EPA 300.0A
Sulfate	EPA 300.0A	EPA 300.0A

[1] Method references:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA SW-846, 3rd Edition with Updates I through IIIB.
EPA - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

TABLE 3

SUMMARY OF SAMPLE DATA QUALIFIED FOR METHOD BLANK CONTAMINATION JUNE 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
2-Butanone	GW-WT101B-062311	10 U
	GW-WT101C-062311	10 U
	GW-WT101D-062311	10 U
Acetone	GW-WT122A-061611	10 U
	GW-WT122C-061611	10 U
	GW-WT122C-061611-D	10 U
	GW-WTB3-062411	10 U
	GW-WTB4-062411	10 U
	GW-WT101A-062311	10 U
	GW-WT101B-062311	10 U
	GW-WT101C-062311	10 U
	GW-WT101D-062311	12 U
	GW-WT115A-062211	10 U
	GW-WT115B-062211	100 U
	GW-WT115C-062211	10 U
	GW-WT116A-062211	10 U
	GW-WT116B-062211	10 U
	GW-WT119B-062211	20 U
bis(2-Ethylhexyl)phthalate	GW-WT106B-061611	2.0 U
	GW-WT122B-061611	1.9 U
	GW-WTB1-062411	2.0 U
	GW-WTB3-062411	4.3 U
	GW-WTB4-062411	3.3 U
	GW-WT101A-062311	2.0 U
	GW-WT101C-062311	2.6 U
	GW-WT101D-062311	2.1 U
	GW-WT101E-062311	2.6 U
	GW-WT103A-062311	1.9 U
Phenol	GW-WT101D-062311	3.7 U
Antimony	GW-WT115A-062211	10 U
	GW-WT116A-062211	2.0 U
	GW-WT119B-062211	2.0 U
Beryllium	GW-WTB4-062411	1.0 U

TABLE 3

SUMMARY OF SAMPLE DATA QUALIFIED FOR METHOD BLANK CONTAMINATION JUNE 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Manganese	GW-WT120C-061511	15 U
	GW-WT104A-061611	15 U
	GW-WT115B-062211	15 U
Potassium	GW-WT117A-061411	5000 U
	GW-WTB4-062411	5000 U
Thallium	GW-WT111A-062111	1.0 U
	GW-WT104A-061611	1.0 U
	GW-WT106A-061611	1.0 U
	GW-WT106B-061611	1.0 U
	GW-WT106C-061611	1.0 U
	GW-WT122A-061611	1.2 U
	GW-WT122B-061611	1.0 U
	GW-WT122C-061611	1.0 U
	GW-WT122C-061611-D	1.0 U
	GW-WT101E-062311	1.0 U
	GW-WT103A-062311	1.0 U
	GW-WT116A-062211	1.0 U
Zinc	GW-WTO3-062111	20 U
	GW-WTO4-062111	20 U
	GW-WT111A-062111	20 U
	GW-WT117A-061411	20 U
	GW-WT117D-061411	20 U
	GW-WT121A-061411	20 U
	GW-WT114A-061711	20 U
	GW-WT114B-061711	20 U
	GW-WT114C-061711	20 U
	GW-WT106A-061611	33 U
	GW-WT106C-061611	20 U
	GW-WTB1-062411	20 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 4

SUMMARY OF SAMPLE DATA QUALIFIED FOR
METALS CALIBRATION BLANK ACCEPTANCE CRITERIA VIOLATION
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Antimony	GW-WT117A-061411	2.0 U
	GW-WT117B-061411	2.0 U
	GW-WT117C-061411	2.0 U
	GW-WT114A-061711	2.0 U
	GW-WTB1-062411	2.0 U
	GW-WTB3-062411	2.0 U
	GW-WTB4-062411	2.0 U
	GW-WT101B-062311	2.0 U
	GW-WT101C-062311	2.0 U
	GW-WT101E-062311	2.0 U
	GW-WT103A-062311	2.0 U
Beryllium	GW-WT117A-061411	1.0 U
	GW-WT117B-061411	1.0 U
	GW-WT117C-061411	1.0 U
	GW-WT117D-061411	1.0 U
	GW-WT120A-061511	1.0 U
	GW-WT120B-061511	1.0 U
	GW-WT120C-061511	1.0 U
	GW-WT121A-061411	1.0 U
	GW-WT121B-061411	1.0 U
Thallium	GW-WT117A-061411	1.0 U
	GW-WT117B-061411	1.3 U
	GW-WT117C-061411	1.0 U
	GW-WT117D-061411	1.0 U
	GW-WT120A-061511	1.0 U
	GW-WT120B-061511	1.0 U
	GW-WT120C-061511	1.0 U
	GW-WT121A-061411	1.0 U
	GW-WT121B-061411	1.0 U
	GW-WT114A-061711	1.0 U
	GW-WT114B-061711	1.0 U
	GW-WT114C-061711	1.0 U
	GW-WTB1-062411	1.0 U

TABLE 4

SUMMARY OF SAMPLE DATA QUALIFIED FOR
METALS CALIBRATION BLANK ACCEPTANCE CRITERIA VIOLATION
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Thallium	GW-WTB3-062411	1.8 U
	GW-WTB4-062411	1.1 U
	GW-WT101B-062311	1.5 U
	GW-WT101C-062311	2.0 U
Mercury	GW-WT101A-062311	0.20 UJ
Lead	GW-WT115B-062211	3.0 UJ

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

TABLE 5

SUMMARY OF SAMPLE DATA QUALIFIED FOR
CONTINUING CALIBRATION VERIFICATION ACCEPTANCE CRITERIA VIOLATION
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Nickel	GW-WT117A-061411	4.5 J
	GW-WT117D-061411	7.9 J

[1] The sample results are qualified as:
J - The associated value is an estimated quantity.

TABLE 6

SUMMARY OF SAMPLE DATA QUALIFIED FOR MATRIX SPIKE OR MATRIX SPIKE/MATRIX SPIKE DUPLICATE ACCEPTANCE CRITERIA VIOLATION
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Sample ID	*Analytes*	*Qualified Result* [1]
GW-WT104A-061611	Caprolactam	4.9 UJ
	Anthracene	0.20 UJ
	Pyrene	0.20 UJ
	Fluoranthene	0.20 UJ
	Chrysene	0.20 UJ
	Benzo(a)anthracene	0.20 UJ
	Di-n-butylphthalate	0.98 UJ
	Phenanthrene	0.20 UJ
	Butyl benzylphthalate	0.98 UJ
	Carbazole	0.98 UJ
	Pentachlorophenol	4.9 UJ
	Biphenyl	0.98 UJ
GW-WT101B-062311	Caprolactam	5.2 UJ
	4,6-Dinitro-2-methylphenol	5.2 UJ
	Benzo(a)anthracene	0.21 UJ
	Biphenyl	1.0 UJ
GW-WT114A-061711	Chloride	96 J
	Sulfate	50 J
GW-WT114B-061711	Chloride	41 J
	Sulfate	86 J
GW-WT114C-061711	Chloride	31 J
	Sulfate	120 J
GW-WT101C-062311	Chloride	2.8 J
GW-WT101E-062311	Chloride	33 J
GW-WT103A-062311	Chloride	22 J
GW-WT111A-062111	Total Cyanide	0.0061 J
GW-WT101B-062311	Total Cyanide	0.050 J

TABLE 6

SUMMARY OF SAMPLE DATA QUALIFIED FOR MATRIX SPIKE OR MATRIX SPIKE/MATRIX SPIKE DUPLICATE ACCEPTANCE CRITERIA VIOLATION JUNE 2011 GROUNDWATER MONITORING EVENT HIMCO SITE ELKHART, INDIANA

Sample ID	*Analytes*	*Qualified Result* [1]
GW-WT101D-062311	Total Cyanide	0.011 J
GW-WT101E-062311	Total Cyanide	0.048 J
GW-WT122C-061611	Sulfate	120 J
GW-WT122C-061611-D	Sulfate	120 J

[1] The sample results are qualified as:
UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
J - The associated value is an estimated quantity.

TABLE 7

SUMMARY OF SAMPLE DATA QUALIFIED FOR
TRIP BLANK CONTAMINATION
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Associated Samples*	*Qualified Result* [1]
Acetone	GW-WTO3-062111	10 U
	GW-WTO4-062111	10 U
	GW-WT111A-062111	10 U
	GW-WT106C-061611	10 U
	GW-WT101E-062311	13 U
Benzene	GW-WT111A-062111	1.0 U
Toluene	GW-WT101E-062311	1.0 U
	GW-WT116A-062211	1.0 U

[1] The sample results are qualified as:
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

TABLE 8

SUMMARY OF DETECTED ANALYTES
FIELD DUPLICATE SAMPLES
JUNE 2011 GROUNDWATER MONITORING EVENT
HIMCO SITE
ELKHART, INDIANA

Analyte	*Investigative Sample GW-WT118B-062111*	*Field Duplicate Sample GW-WT118B-062111-D*	*RPD* [1]
Arsenic	3.8	3.8	0
Calcium	170,000	170,000	0
Iron	6,100	6,000	1.7
Magnesium	22,000	21,000	4.7
Manganese	130	130	0
Sodium	21,000	21,000	0
Chloride	33	34	3.0
Sulfate	210	210	0

Analyte	*Investigative Sample GW-WT122C-061611*	*Field Duplicate Sample GW-WT122C-061611-D*	*RPD*
Acetophenone	2.9	2.7	7.1
Arsenic	3.8	4.3	12
Calcium	89,000	90,000	1.1
Iron	1,700	1,700	0
Magnesium	24,000	24,000	0
Manganese	130	140	7.4
Potassium	3,200	3,200	0
Sodium	18,000	18,000	0
Chloride	33	29	13
Sulfate	120	120	0

[1] RPD - Relative Percent Difference

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A0L080416

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
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1/11/2011 10:29 AM

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January 11, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 21
GC/MS Semivolatile Data 42
Inorganic/Metals Data 73
General Chemistry Data 111

Total # of Pages in this Document 128

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A0L080416

The following report contains the analytical results for seven water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received December 08, 2010, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on December 28, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.1 and 2.9°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

Sample(s) GW-WT104A-120710-E had elevated reporting limits due to limited initial sample volume.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for batch(es) 0343016 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

No ICP Trace or ICP MS Form IX was provided for batch(es) 0343016. The serial dilutions were performed on a different sample from the same QC batch(es).

CASE NARRATIVE (continued)

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0L080416

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT117A-120710 12/07/10 09:23 001				
Aluminum	1140	50.0	ug/L	SW846 6020
Arsenic	0.77 B	1.0	ug/L	SW846 6020
Antimony	0.32 B	2.0	ug/L	SW846 6020
Barium	52.9 B,J	200	ug/L	SW846 6010B
Calcium	98900 J	5000	ug/L	SW846 6010B
Iron	1310	100	ug/L	SW846 6010B
Magnesium	13900	5000	ug/L	SW846 6010B
Manganese	488	15.0	ug/L	SW846 6010B
Potassium	2330 B,J	5000	ug/L	SW846 6010B
Sodium	10000	5000	ug/L	SW846 6010B
Vanadium	2.2 B	50.0	ug/L	SW846 6010B
Zinc	12.1 B,J	20.0	ug/L	SW846 6010B
1,1-Dichloroethane	0.52 J	1.0	ug/L	SW846 8260B
Chloride	5.1	1.0	mg/L	MCAWW 300.0A
Sulfate	73.6	1.0	mg/L	MCAWW 300.0A
GW-WT117B-120710 12/07/10 10:24 002				
Arsenic	1.8	1.0	ug/L	SW846 6020
Barium	40.8 B,J	200	ug/L	SW846 6010B
Calcium	133000 J	5000	ug/L	SW846 6010B
Iron	5070	100	ug/L	SW846 6010B
Magnesium	19400	5000	ug/L	SW846 6010B
Manganese	128	15.0	ug/L	SW846 6010B
Potassium	2080 B,J	5000	ug/L	SW846 6010B
Sodium	23100	5000	ug/L	SW846 6010B
Zinc	29.1 J	20.0	ug/L	SW846 6010B
Benzene	0.59 J	1.0	ug/L	SW846 8260B
Carbon disulfide	0.79 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	2.9	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.27 J	1.0	ug/L	SW846 8260B
Chloride	39.6	1.0	mg/L	MCAWW 300.0A
Sulfate	184	1.0	mg/L	MCAWW 300.0A
GW-WT117C-120710 12/07/10 11:18 003				
Aluminum	34.9 B	50.0	ug/L	SW846 6020
Arsenic	1.1	1.0	ug/L	SW846 6020
Barium	162 B,J	200	ug/L	SW846 6010B
Calcium	251000 J	5000	ug/L	SW846 6010B
Iron	3710	100	ug/L	SW846 6010B
Magnesium	20900	5000	ug/L	SW846 6010B
Manganese	388	15.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L080416

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT117C-120710 12/07/10 11:18 003				
Potassium	3940 B,J	5000	ug/L	SW846 6010B
Sodium	33600	5000	ug/L	SW846 6010B
Vanadium	1.0 B	50.0	ug/L	SW846 6010B
Benzene	0.55 J	1.0	ug/L	SW846 8260B
Carbon disulfide	0.56 J	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	0.77 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.3	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.69 J	1.0	ug/L	SW846 8260B
Vinyl chloride	1.5	1.0	ug/L	SW846 8260B
Chloride	32.6	1.0	mg/L	MCAWW 300.0A
Sulfate	269	5.0	mg/L	MCAWW 300.0A
Bromide	0.25 B	0.50	mg/L	MCAWW 300.0A
GW-WT117D-120710 12/07/10 12:42 004				
Aluminum	80.8	50.0	ug/L	SW846 6020
Arsenic	3.9	1.0	ug/L	SW846 6020
Barium	53.8 B,J	200	ug/L	SW846 6010B
Calcium	119000 J	5000	ug/L	SW846 6010B
Iron	5840	100	ug/L	SW846 6010B
Magnesium	30600	5000	ug/L	SW846 6010B
Manganese	156	15.0	ug/L	SW846 6010B
Potassium	2510 B,J	5000	ug/L	SW846 6010B
Sodium	16400	5000	ug/L	SW846 6010B
Chloride	31.7	1.0	mg/L	MCAWW 300.0A
Sulfate	271	2.0	mg/L	MCAWW 300.0A
GW-WT104A-120710 12/07/10 14:52 005				
Aluminum	24.9 B	50.0	ug/L	SW846 6020
Arsenic	0.41 B	1.0	ug/L	SW846 6020
Barium	7.7 B,J	200	ug/L	SW846 6010B
Calcium	38600 J	5000	ug/L	SW846 6010B
Chromium	2.9 B	10.0	ug/L	SW846 6010B
Magnesium	9260	5000	ug/L	SW846 6010B
Manganese	1.3 B	15.0	ug/L	SW846 6010B
Potassium	1260 B,J	5000	ug/L	SW846 6010B
Sodium	9790	5000	ug/L	SW846 6010B
Chloride	16.8	1.0	mg/L	MCAWW 300.0A
Sulfate	17.9	1.0	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L080416

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT104A-120710-E 12/07/10 15:10 006				
Calcium	136 B,J	5000	ug/L	SW846 6010B
Potassium	135 B,J	5000	ug/L	SW846 6010B
GW-WT105A-120710 12/07/10 16:08 007				
Aluminum	78.6	50.0	ug/L	SW846 6020
Arsenic	0.49 B	1.0	ug/L	SW846 6020
Barium	14.7 B,J	200	ug/L	SW846 6010B
Calcium	69200 J	5000	ug/L	SW846 6010B
Chromium	5.4 B	10.0	ug/L	SW846 6010B
Cobalt	2.0 B	50.0	ug/L	SW846 6010B
Iron	265	100	ug/L	SW846 6010B
Magnesium	14500	5000	ug/L	SW846 6010B
Manganese	120	15.0	ug/L	SW846 6010B
Nickel	12.7 B	40.0	ug/L	SW846 6010B
Potassium	1810 B,J	5000	ug/L	SW846 6010B
Sodium	9720	5000	ug/L	SW846 6010B
Chloride	12.7	1.0	mg/L	MCAWW 300.0A
Sulfate	16.4	1.0	mg/L	MCAWW 300.0A
TRIP BLANK-120710-1 12/07/10 09:30 008				
Acetone	3.8 J	10	ug/L	SW846 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0L080416

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A0L080416

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MA1PL	001	GW-WT117A-120710	12/07/10	09:23
MA1PN	002	GW-WT117B-120710	12/07/10	10:24
MA1PP	003	GW-WT117C-120710	12/07/10	11:18
MA1PQ	004	GW-WT117D-120710	12/07/10	12:42
MA1PR	005	GW-WT104A-120710	12/07/10	14:52
MA1PV	006	GW-WT104A-120710-E	12/07/10	15:10
MA1PW	007	GW-WT105A-120710	12/07/10	16:08
MA1PX	008	TRIP BLANK-120710-1	12/07/10	09:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	SVOCs	TAL Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	12/7/10	923	GW-WT117A-120710	Water	6	X		X	X	X	X	X	
2		1024	GW-WT117B-120710		6	X		X	X	X	X	X	
3		1118	GW-WT117C-120710		6	X		X	X	X	X	X	
4		1242	GW-WT117D-120710		6	X		X	X	X	X	X	
5		1452	GW-WT104A-120710		6	X		X	X	X	X	X	
6	↓	1516	GW-WT104A-120710-E	↓	6	X		X	X	X	X	X	
7	12/7/10	1608	GW-WT105A-120710	Water	8	X	X	X	X	X	X	X	
8	12/7/10	930	TRIPBLANK-120710-1	Water	1	X							
			TOTAL NUMBER OF CONTAINERS		45								

RELINQUISHED BY: ① _____	DATE: 12/7/10 TIME: 1730	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2598 4066

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Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 12/8/10 TIME: 930

2188

400001-00(SOURCE)GN-CO007

North Canton

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA- North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HF MCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: Sulfur	REMARKS
1	12/7/10	923	GW-WT117A-120710	Water	2	X	
2		1024	GW-WT117B-120710		2	X	
3		1118	GW-WT117C-120710		2	X	
4		1242	GW-WT117D-120710		2	X	
5		1452	GW-WT104A-120710		2	X	
6	12/7/10	1510	GW-WT104A-120710-E	Water	2	X	
TOTAL NUMBER OF CONTAINERS					12		

RELINQUISHED BY: ① [signature]	DATE: 12/7/10 TIME: 1730	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4066

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn M. Miller

RECEIVED FOR LABORATORY BY: [signature] DATE: 12/8/10 TIME: 930

2189

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A0L080416
North Canton Facility

Client CRA Project Himco By: [signature] (Signature)
Cooler Received on 12-8-10 Opened on 12-8-10
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 4 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☐ Other ☐ _____ BACK
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 051010-HNO_3; *Sulfuric Acid Lot#* 051010-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
117 A	<2 >12	12-8-10	CSL
117 B	<2 >12		
117 C	<2 >12		
117 D	<2 >12		
104 A	<2 >12		
104 A-E	<2 >12		
105 A	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
L617	2.9	IR	Ice
A177	2.1	↓	↓

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-001 **Work Order #...:** MA1PL1AA **Matrix.....:** WG
Date Sampled...: 12/07/10 09:23 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**0.52 J**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-001 **Work Order #...:** MA1PL1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(75 - 121)
1,2-Dichloroethane-d4	125	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-002 **Work Order #...:** MA1PN1AL **Matrix.....:** WG
Date Sampled...: 12/07/10 10:24 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**0.59 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.79 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**2.9**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.27 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-002 **Work Order #...:** MA1PN1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	125	(63 - 129)
Toluene-d8	95	(74 - 115)
4-Bromofluorobenzene	91	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-003 **Work Order #...:** MA1PP1AL **Matrix.....:** WG
Date Sampled...: 12/07/10 11:18 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**0.55 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.56 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**0.77 J**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**4.3**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.69 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-003 **Work Order #...:** MA1PP1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**1.5**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	129	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	90	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-004 **Work Order #...:** MA1PQ1AL **Matrix.....:** WG
Date Sampled...: 12/07/10 12:42 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-004 **Work Order #...:** MA1PQ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(75 - 121)
1,2-Dichloroethane-d4	129	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	91	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-005 **Work Order #...:** MA1PR1AL **Matrix.....:** WG
Date Sampled...: 12/07/10 14:52 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-005 **Work Order #...:** MA1PR1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	127	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	87	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

GC/MS Volatiles

Lot-Sample #...: A0L080416-006 **Work Order #...:** MA1PV1AL **Matrix.....:** WG
Date Sampled...: 12/07/10 15:10 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

GC/MS Volatiles

Lot-Sample #...: A0L080416-006 **Work Order #...:** MA1PV1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(75 - 121)
1,2-Dichloroethane-d4	127	(63 - 129)
Toluene-d8	95	(74 - 115)
4-Bromofluorobenzene	88	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-007 **Work Order #...:** MA1PW1AL **Matrix.....:** WG
Date Sampled...: 12/07/10 16:08 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

GC/MS Volatiles

Lot-Sample #...: A0L080416-007 **Work Order #...:** MA1PW1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	129	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	87	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-120710-1

GC/MS Volatiles

Lot-Sample #...: A0L080416-008 **Work Order #...:** MA1PX1AA **Matrix.....:** WQ
Date Sampled...: 12/07/10 09:30 **Date Received..:** 12/08/10
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.8 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-120710-1

GC/MS Volatiles

Lot-Sample #...: A0L080416-008 **Work Order #...:** MA1PX1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(75 - 121)
1,2-Dichloroethane-d4	127	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	90	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L080416 **Work Order #...:** MA9KX1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L130000-293

Prep Date.....: 12/10/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/10/10 **Prep Batch #...:** 0347293
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L080416 **Work Order #...:** MA9KX1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(75 - 121)
1,2-Dichloroethane-d4	126	(63 - 129)
Toluene-d8	95	(74 - 115)
4-Bromofluorobenzene	89	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L080416 **Work Order #...:** MA9KX1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L130000-293 MA9KX1AD-LCSD
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**90**	**(83 - 112)**			**SW846 8260B**
	87	**(83 - 112)**	**4.1**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**98**	**(85 - 110)**			**SW846 8260B**
	95	**(85 - 110)**	**3.7**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**92**	**(78 - 131)**			**SW846 8260B**
	85	**(78 - 131)**	**7.1**	**(0-30)**	**SW846 8260B**
Toluene	**96**	**(84 - 111)**			**SW846 8260B**
	89	**(84 - 111)**	**8.4**	**(0-30)**	**SW846 8260B**
Trichloroethene	**111**	**(76 - 117)**			**SW846 8260B**
	108	**(76 - 117)**	**3.4**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
	104	(75 - 121)
1,2-Dichloroethane-d4	121	(63 - 129)
	122	(63 - 129)
Toluene-d8	98	(74 - 115)
	93	(74 - 115)
4-Bromofluorobenzene	91	(66 - 117)
	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L080416 **Work Order #...:** MA9KX1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L130000-293 MA9KX1AD-LCSD
Prep Date.....: 12/10/10 **Analysis Date..:** 12/10/10
Prep Batch #...: 0347293
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**8.7**	**ug/L**	**87**	**4.1**	**SW846 8260B**
Chlorobenzene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**9.5**	**ug/L**	**95**	**3.7**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**8.5**	**ug/L**	**85**	**7.1**	**SW846 8260B**
Toluene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**8.9**	**ug/L**	**89**	**8.4**	**SW846 8260B**
Trichloroethene	**10**	**11**	**ug/L**	**111**		**SW846 8260B**
	10	**11**	**ug/L**	**108**	**3.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
	104	(75 - 121)
1,2-Dichloroethane-d4	121	(63 - 129)
	122	(63 - 129)
Toluene-d8	98	(74 - 115)
	93	(74 - 115)
4-Bromofluorobenzene	91	(66 - 117)
	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-001 **Work Order #...:** MA1PL1AC **Matrix.....:** WG
Date Sampled...: 12/07/10 09:23 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 1030 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-001 **Work Order #...:** MA1PL1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-001 **Work Order #...:** MA1PL1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	19	(10 - 110)
2-Fluorophenol	37	(10 - 110)
2,4,6-Tribromophenol	73	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-002 **Work Order #...:** MA1PN1AM **Matrix.....:** WG
Date Sampled...: 12/07/10 10:24 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 1030 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-002 **Work Order #...:** MA1PN1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-002 **Work Order #...:** MA1PN1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	36	(10 - 110)
2,4,6-Tribromophenol	73	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-003 **Work Order #...:** MA1PP1AM **Matrix.....:** WG
Date Sampled...: 12/07/10 11:18 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-003 **Work Order #...:** MA1PP1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-003 **Work Order #...:** MA1PP1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	37	(10 - 110)
2,4,6-Tribromophenol	76	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-004 **Work Order #...:** MA1PQ1AM **Matrix.....:** WG
Date Sampled...: 12/07/10 12:42 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-004 **Work Order #...:** MA1PQ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-004 **Work Order #...:** MA1PQ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	20	(10 - 110)
2-Fluorophenol	38	(10 - 110)
2,4,6-Tribromophenol	74	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-005 **Work Order #...:** MA1PR1AM **Matrix.....:** WG
Date Sampled...: 12/07/10 14:52 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-005 **Work Order #...:** MA1PR1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-005 **Work Order #...:** MA1PR1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	54	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	20	(10 - 110)
2-Fluorophenol	39	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-006 **Work Order #...:** MA1PV1AM **Matrix.....:** WG
Date Sampled...: 12/07/10 15:10 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1.2 **Initial Wgt/Vol:** 830 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.24	ug/L	0.12
Acenaphthylene	ND	0.24	ug/L	0.12
Acetophenone	ND	1.2	ug/L	0.41
Anthracene	ND	0.24	ug/L	0.12
Atrazine	ND	1.2	ug/L	0.41
Benzo(a)anthracene	ND	0.24	ug/L	0.12
Benzo(a)pyrene	ND	0.24	ug/L	0.12
Benzo(b)fluoranthene	ND	0.24	ug/L	0.12
Benzo(ghi)perylene	ND	0.24	ug/L	0.12
Benzo(k)fluoranthene	ND	0.24	ug/L	0.12
Benzaldehyde	ND	1.2	ug/L	0.47
1,1'-Biphenyl	ND	1.2	ug/L	0.96
bis(2-Chloroethoxy) methane	ND	1.2	ug/L	0.38
bis(2-Chloroethyl)-ether	ND	1.2	ug/L	0.12
bis(2-Ethylhexyl) phthalate	ND	2.4	ug/L	0.96
4-Bromophenyl phenyl ether	ND	2.4	ug/L	0.96
Butyl benzyl phthalate	ND	1.2	ug/L	0.96
Caprolactam	ND	6.0	ug/L	0.96
Carbazole	ND	1.2	ug/L	0.34
4-Chloroaniline	ND	2.4	ug/L	0.96
4-Chloro-3-methylphenol	ND	2.4	ug/L	0.96
2-Chloronaphthalene	ND	1.2	ug/L	0.12
2-Chlorophenol	ND	1.2	ug/L	0.35
4-Chlorophenyl phenyl ether	ND	2.4	ug/L	0.36
Chrysene	ND	0.24	ug/L	0.12
Dibenz(a,h)anthracene	ND	0.24	ug/L	0.12
Dibenzofuran	ND	1.2	ug/L	0.12
3,3'-Dichlorobenzidine	ND	6.0	ug/L	0.44
2,4-Dichlorophenol	ND	2.4	ug/L	0.96
Diethyl phthalate	ND	1.2	ug/L	0.72
2,4-Dimethylphenol	ND	2.4	ug/L	0.96
Dimethyl phthalate	ND	1.2	ug/L	0.35
Di-n-butyl phthalate	ND	1.2	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-006 **Work Order #...:** MA1PV1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	6.0	ug/L	2.9
2,4-Dinitrophenol	ND	6.0	ug/L	2.9
2,4-Dinitrotoluene	ND	6.0	ug/L	0.32
2,6-Dinitrotoluene	ND	6.0	ug/L	0.96
Di-n-octyl phthalate	ND	1.2	ug/L	0.96
Fluoranthene	ND	0.24	ug/L	0.12
Fluorene	ND	0.24	ug/L	0.12
Hexachlorobenzene	ND	0.24	ug/L	0.12
Hexachlorobutadiene	ND	1.2	ug/L	0.32
Hexachlorocyclopenta-diene	ND	12	ug/L	0.96
Hexachloroethane	ND	1.2	ug/L	0.96
Indeno(1,2,3-cd)pyrene	ND	0.24	ug/L	0.12
Isophorone	ND	1.2	ug/L	0.32
2-Methylnaphthalene	ND	0.24	ug/L	0.12
2-Methylphenol	ND	1.2	ug/L	0.96
4-Methylphenol	ND	1.2	ug/L	0.96
Naphthalene	ND	0.24	ug/L	0.12
2-Nitroaniline	ND	2.4	ug/L	0.96
3-Nitroaniline	ND	2.4	ug/L	0.34
4-Nitroaniline	ND	2.4	ug/L	0.96
Nitrobenzene	ND	1.2	ug/L	0.048
2-Nitrophenol	ND	2.4	ug/L	0.34
4-Nitrophenol	ND	6.0	ug/L	2.9
N-Nitrosodi-n-propyl-amine	ND	1.2	ug/L	0.96
N-Nitrosodiphenylamine	ND	1.2	ug/L	0.37
2,2'-oxybis (1-Chloropropane)	ND	1.2	ug/L	0.48
Pentachlorophenol	ND	6.0	ug/L	2.9
Phenanthrene	ND	0.24	ug/L	0.12
Phenol	ND	1.2	ug/L	0.72
Pyrene	ND	0.24	ug/L	0.12
2,4,5-Trichloro-phenol	ND	6.0	ug/L	0.36
2,4,6-Trichloro-phenol	ND	6.0	ug/L	0.96

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-006 **Work Order #...:** MA1PV1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	21	(10 - 110)
2-Fluorophenol	41	(10 - 110)
2,4,6-Tribromophenol	65	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-007 **Work Order #...:** MA1PW1AM **Matrix.....:** WG
Date Sampled...: 12/07/10 16:08 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-007 **Work Order #...:** MA1PW1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

GC/MS Semivolatiles

Lot-Sample #...: A0L080416-007 **Work Order #...:** MA1PW1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	35	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1771AA **Matrix.....:** WATER
MB Lot-Sample #: A0L080000-264

Prep Date.....: 12/08/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/09/10 **Prep Batch #...:** 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1771AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	89	(37 - 119)
Phenol-d5	45	(10 - 110)
2-Fluorophenol	59	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1771AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1771AC **Matrix.....:** WATER
LCS Lot-Sample#: A0L080000-264
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**71**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**74**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**67**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**69**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**76**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**49**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**76**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**66**	**(26 - 110)**	**SW846 8270C**
Phenol	**45**	**(14 - 112)**	**SW846 8270C**
Pyrene	**71**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	46	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1771AC **Matrix.....:** WATER
LCS Lot-Sample#: A0L080000-264
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**15**	**ug/L**	**74**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**69**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**76**	**SW846 8270C**
4-Nitrophenol	**20**	**9.8**	**ug/L**	**49**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**76**	**SW846 8270C**
Pentachlorophenol	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
Phenol	**20**	**9.1**	**ug/L**	**45**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**71**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	46	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1R21EA-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L080424-002 MA1R21EC-MSD
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**69**	**(36 - 110)**			**SW846 8270C**
	69	**(36 - 110)**	**0.01**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**70**	**(25 - 110)**			**SW846 8270C**
	69	**(25 - 110)**	**1.5**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**72**	**(17 - 110)**			**SW846 8270C**
	71	**(17 - 110)**	**1.8**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**65**	**(33 - 110)**			**SW846 8270C**
	68	**(33 - 110)**	**4.2**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**66**	**(26 - 110)**			**SW846 8270C**
	66	**(26 - 110)**	**0.81**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**73**	**(46 - 119)**			**SW846 8270C**
	75	**(46 - 119)**	**3.4**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**33**	**(13 - 127)**			**SW846 8270C**
	35	**(13 - 127)**	**5.7**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**71**	**(25 - 119)**			**SW846 8270C**
	70	**(25 - 119)**	**1.2**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**63**	**(23 - 110)**			**SW846 8270C**
	68	**(23 - 110)**	**8.0**	**(0-30)**	**SW846 8270C**
Phenol	**37**	**(16 - 110)**			**SW846 8270C**
	37	**(16 - 110)**	**1.6**	**(0-30)**	**SW846 8270C**
Pyrene	**70**	**(54 - 115)**			**SW846 8270C**
	69	**(54 - 115)**	**0.77**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(27 - 111)
	67	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
	69	(28 - 110)
Terphenyl-d14	81	(37 - 119)
	79	(37 - 119)
Phenol-d5	36	(10 - 110)
	36	(10 - 110)
2-Fluorophenol	51	(10 - 110)
	53	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1R21EA-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L080424-002 MA1R21EC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(22 - 120)
	76	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1R21EA-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L080424-002 MA1R21EC-MSD
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10
Prep Date.....: 12/08/10 **Analysis Date..:** 12/09/10
Prep Batch #...: 0342264
Dilution Factor: 1 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**40**	**28**	**ug/L**	**69**		**SW846 8270C**
	ND	**40**	**28**	**ug/L**	**69**	**0.01**	**SW846 8270C**
1,2,4-Trichloro- benzene	**ND**	**40**	**28**	**ug/L**	**70**		**SW846 8270C**
	ND	**40**	**28**	**ug/L**	**69**	**1.5**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**40**	**29**	**ug/L**	**72**		**SW846 8270C**
	ND	**40**	**28**	**ug/L**	**71**	**1.8**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**40**	**26**	**ug/L**	**65**		**SW846 8270C**
	ND	**40**	**27**	**ug/L**	**68**	**4.2**	**SW846 8270C**
2-Chlorophenol	**ND**	**40**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**40**	**27**	**ug/L**	**66**	**0.81**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**40**	**29**	**ug/L**	**73**		**SW846 8270C**
	ND	**40**	**30**	**ug/L**	**75**	**3.4**	**SW846 8270C**
4-Nitrophenol	**ND**	**40**	**13**	**ug/L**	**33**		**SW846 8270C**
	ND	**40**	**14**	**ug/L**	**35**	**5.7**	**SW846 8270C**
N-Nitrosodi-n-propyl- amine	**ND**	**40**	**28**	**ug/L**	**71**		**SW846 8270C**
	ND	**40**	**28**	**ug/L**	**70**	**1.2**	**SW846 8270C**
Pentachlorophenol	**ND**	**40**	**25**	**ug/L**	**63**		**SW846 8270C**
	ND	**40**	**27**	**ug/L**	**68**	**8.0**	**SW846 8270C**
Phenol	**ND**	**40**	**15**	**ug/L**	**37**		**SW846 8270C**
	ND	**40**	**15**	**ug/L**	**37**	**1.6**	**SW846 8270C**
Pyrene	**ND**	**40**	**28**	**ug/L**	**70**		**SW846 8270C**
	ND	**40**	**28**	**ug/L**	**69**	**0.77**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(27 - 111)
	67	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
	69	(28 - 110)
Terphenyl-d14	81	(37 - 119)
	79	(37 - 119)
Phenol-d5	36	(10 - 110)
	36	(10 - 110)
2-Fluorophenol	51	(10 - 110)
	53	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L080416 **Work Order #...:** MA1R21EA-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L080424-002 MA1R21EC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(22 - 120)
	76	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-001 **Matrix.....:** WG
Date Sampled...: 12/07/10 09:23 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	**1140**	**50.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PL1A0**
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.77 B**	**1.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PL1A1**
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AV
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.32 B**	**2.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PL1A2**
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PL1A3
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AW
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**52.9 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AD**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AX
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AE
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**98900 J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AF**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AG
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AH
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AJ
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1310**	**100**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AK**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AL**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**488**	**15.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AM**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AN
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2330 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AP**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PL1AQ
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**10000**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AR**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**2.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AT**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**12.1 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PL1AU**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PL1A4
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

TOTAL Metals

Lot-Sample #...: A0L080416-002 **Matrix.....:** WG
Date Sampled...: 12/07/10 10:24 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/09/10	MA1PN1AA
		Dilution Factor: 1		Analysis Time..: 22:41	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.8**	**1.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PN1AC**
		Dilution Factor: 1		Analysis Time..: 22:41	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1A6
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA1PN1AD
		Dilution Factor: 1		Analysis Time..: 22:41	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PN1AE
		Dilution Factor: 1		Analysis Time..: 22:41	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1A7
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**40.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1AN**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1A8
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1AP
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**133000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1AQ**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

TOTAL Metals

Lot-Sample #...: A0L080416-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1AR
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1AT
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1AU
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**5070**	**100**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1AV**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19400**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1AW**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**128**	**15.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1AX**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1A0
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2080 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1A1**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1A2
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**23100**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1A3**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

TOTAL Metals

Lot-Sample #...: A0L080416-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PN1A4
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**29.1 J**	**20.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PN1A5**
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PN1AF
		Dilution Factor: 1		Analysis Time..: 18:00	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

TOTAL Metals

Lot-Sample #...: A0L080416-003 **Matrix.....:** WG
Date Sampled...: 12/07/10 11:18 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	**34.9 B**	**50.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PP1AA**
		Dilution Factor: 1		Analysis Time..: 22:45	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.1**	**1.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PP1AC**
		Dilution Factor: 1		Analysis Time..: 22:45	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1A6
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA1PP1AD
		Dilution Factor: 1		Analysis Time..: 22:45	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PP1AE
		Dilution Factor: 1		Analysis Time..: 22:45	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1A7
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**162 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1AN**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1A8
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1AP
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**251000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1AQ**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

TOTAL Metals

Lot-Sample #...: A0L080416-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1AR
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1AT
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1AU
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3710**	**100**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1AV**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**20900**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1AW**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**388**	**15.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1AX**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1A0
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3940 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1A1**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1A2
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**33600**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1A3**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

TOTAL Metals

Lot-Sample #...: A0L080416-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**1.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PP1A4**
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PP1A5
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PP1AF
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

TOTAL Metals

Lot-Sample #...: A0L080416-004 **Matrix.....:** WG
Date Sampled...: 12/07/10 12:42 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	**80.8**	**50.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PQ1AA**
		Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.9**	**1.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PQ1AC**
		Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A6
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA1PQ1AD
		Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PQ1AE
		Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A7
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**53.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1AN**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A8
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1AP
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**119000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1AQ**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

TOTAL Metals

Lot-Sample #...: A0L080416-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1AR
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1AT
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1AU
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**5840**	**100**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1AV**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**30600**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1AW**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**156**	**15.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1AX**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A0
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2510 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1A1**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A2
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**16400**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PQ1A3**
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

TOTAL Metals

Lot-Sample #...: A0L080416-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A4
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PQ1A5
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PQ1AF
		Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-005 **Matrix.....:** WG
Date Sampled...: 12/07/10 14:52 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	**24.9 B**	**50.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PR1AA**
		Dilution Factor: 1		Analysis Time..: 22:53	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.41 B**	**1.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PR1AC**
		Dilution Factor: 1		Analysis Time..: 22:53	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A6
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA1PR1AD
		Dilution Factor: 1		Analysis Time..: 22:53	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PR1AE
		Dilution Factor: 1		Analysis Time..: 22:53	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A7
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**7.7 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1AN**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A8
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1AP
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**38600 J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1AQ**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.9 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1AR**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1AT
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1AU
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1AV
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**9260**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1AW**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**1.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1AX**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A0
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1260 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1A1**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A2
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**9790**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PR1A3**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A4
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PR1A5
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PR1AF
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

TOTAL Metals

Lot-Sample #...: A0L080416-006 **Matrix.....:** WG
Date Sampled...: 12/07/10 15:10 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/09/10	MA1PV1AA
		Dilution Factor: 1		Analysis Time..: 22:57	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PV1AC
		Dilution Factor: 1		Analysis Time..: 22:57	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A6
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA1PV1AD
		Dilution Factor: 1		Analysis Time..: 22:57	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PV1AE
		Dilution Factor: 1		Analysis Time..: 22:57	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A7
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	ND	200	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AN
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A8
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AP
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**136 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PV1AQ**
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

TOTAL Metals

Lot-Sample #...: A0L080416-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AR
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AT
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AU
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AV
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	ND	5000	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AW
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1AX
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A0
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**135 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PV1A1**
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A2
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	ND	5000	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A3
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

TOTAL Metals

Lot-Sample #...: A0L080416-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A4
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PV1A5
		Dilution Factor: 1		Analysis Time..: 21:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PV1AF
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-007 **Matrix.....:** WG
Date Sampled...: 12/07/10 16:08 **Date Received..:** 12/08/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0343016						
Aluminum	**78.6**	**50.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PW1AA**
		Dilution Factor: 1		Analysis Time..: 23:01	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.49 B**	**1.0**	**ug/L**	**SW846 6020**	**12/09/10**	**MA1PW1AC**
		Dilution Factor: 1		Analysis Time..: 23:01	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1A6
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA1PW1AD
		Dilution Factor: 1		Analysis Time..: 23:01	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA1PW1AE
		Dilution Factor: 1		Analysis Time..: 23:01	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1A7
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**14.7 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AN**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1A8
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1AP
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**69200 J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AQ**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**5.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AR**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**2.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AT**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1AU
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**265**	**100**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AV**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**14500**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AW**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**120**	**15.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1AX**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**12.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1A0**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1810 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1A1**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1A2
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**9720**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA1PW1A3**
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

TOTAL Metals

Lot-Sample #...: A0L080416-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1A4
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/09-12/13/10	MA1PW1A5
		Dilution Factor: 1		Analysis Time..: 21:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA1PW1AF
		Dilution Factor: 1		Analysis Time..: 17:59	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0L090000-016 **Prep Batch #...:** 0343016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/09/10	MA3E81CP
		Dilution Factor: 1				
		Analysis Time..: 21:04	Analyst ID.....: 001576		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	12/09/10	MA3E81AE
		Dilution Factor: 1				
		Analysis Time..: 21:04	Analyst ID.....: 001576		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	12/09/10	MA3E81CQ
		Dilution Factor: 1				
		Analysis Time..: 21:04	Analyst ID.....: 001576		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81CN
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	12/09/10	MA3E81AF
		Dilution Factor: 1				
		Analysis Time..: 21:04	Analyst ID.....: 001576		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AH
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.1 B**	**200**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA3E81AK**
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AJ
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AL
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**275 B**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA3E81CF**
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AN
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AP
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Copper	ND	25.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81CG
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Iron	ND	100	ug/L	SW846 6010B	12/09-12/13/10	MA3E81CH
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Magnesium	ND	5000	ug/L	SW846 6010B	12/09-12/13/10	MA3E81CJ
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Manganese	ND	15.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81CK
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AQ
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Potassium	**129 B**	**5000**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA3E81CL**
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Silver	ND	10.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AR
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Sodium	ND	5000	ug/L	SW846 6010B	12/09-12/13/10	MA3E81CM
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/09-12/13/10	MA3E81AT
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Zinc	**13.4 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/09-12/13/10**	**MA3E81AU**
		Dilution Factor: 1				
		Analysis Time..: 18:06	Analyst ID.....: 001637		Instrument ID..: I6	
Mercury	ND	0.20	ug/L	SW846 7470A	12/09-12/10/10	MA3E81AD
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 001576		Instrument ID..: H1	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L090000-016 **Prep Batch #...:** 0343016					
Antimony	90	(80 - 120)	SW846 6020	12/09/10	MA3E81A0
		Dilution Factor: 1	Analysis Time..: 21:08	Analyst ID.....: 001576	
		Instrument ID..: I8			
Thallium	93	(80 - 120)	SW846 6020	12/09/10	MA3E81A1
		Dilution Factor: 1	Analysis Time..: 21:08	Analyst ID.....: 001576	
		Instrument ID..: I8			
Cadmium	94	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DQ
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Aluminum	92	(80 - 120)	SW846 6020	12/09/10	MA3E81DR
		Dilution Factor: 1	Analysis Time..: 21:08	Analyst ID.....: 001576	
		Instrument ID..: I8			
Arsenic	90	(80 - 120)	SW846 6020	12/09/10	MA3E81DT
		Dilution Factor: 1	Analysis Time..: 21:08	Analyst ID.....: 001576	
		Instrument ID..: I8			
Lead	91	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81A3
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	97	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81A4
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	93	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81A5
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	93	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81A6
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	98	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DH
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	93	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81A8
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	92	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81A9
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	95	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DJ
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	99	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DK
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	99	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DL
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	94	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DM
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	92	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81CA
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	99	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DN
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	96	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81CC
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	97	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81DP
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	93	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81CD
	Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	100	(80 - 120)	SW846 6010B	12/09-12/13/10	MA3E81CE
		Dilution Factor: 1	Analysis Time..: 18:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Mercury	104	(81 - 123)	SW846 7470A	12/09-12/10/10	MA3E81AX
		Dilution Factor: 1	Analysis Time..: 17:45	Analyst ID.....: 001576	
		Instrument ID..: H1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L090000-016 **Prep Batch #...:** 0343016							
Antimony	100	90.2	ug/L	90	SW846 6020	12/09/10	MA3E81A0
			Dilution Factor: 1		Analysis Time..: 21:08	Analyst ID.....: 001576	
			Instrument ID..: I8				
Thallium	100	93.2	ug/L	93	SW846 6020	12/09/10	MA3E81A1
			Dilution Factor: 1		Analysis Time..: 21:08	Analyst ID.....: 001576	
			Instrument ID..: I8				
Cadmium	50.0	46.8	ug/L	94	SW846 6010B	12/09-12/13/10	MA3E81DQ
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Aluminum	10000	9150	ug/L	92	SW846 6020	12/09/10	MA3E81DR
			Dilution Factor: 1		Analysis Time..: 21:08	Analyst ID.....: 001576	
			Instrument ID..: I8				
Arsenic	100	89.6	ug/L	90	SW846 6020	12/09/10	MA3E81DT
			Dilution Factor: 1		Analysis Time..: 21:08	Analyst ID.....: 001576	
			Instrument ID..: I8				
Lead	500	456	ug/L	91	SW846 6010B	12/09-12/13/10	MA3E81A3
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1940	ug/L	97	SW846 6010B	12/09-12/13/10	MA3E81A4
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1850	ug/L	93	SW846 6010B	12/09-12/13/10	MA3E81A5
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	46.6	ug/L	93	SW846 6010B	12/09-12/13/10	MA3E81A6
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	48800	ug/L	98	SW846 6010B	12/09-12/13/10	MA3E81DH
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	186	ug/L	93	SW846 6010B	12/09-12/13/10	MA3E81A8
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	500	461	ug/L	92	SW846 6010B	12/09-12/13/10	MA3E81A9
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	250	237	ug/L	95	SW846 6010B	12/09-12/13/10	MA3E81DJ
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	988	ug/L	99	SW846 6010B	12/09-12/13/10	MA3E81DK
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	50000	49600	ug/L	99	SW846 6010B	12/09-12/13/10	MA3E81DL
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	468	ug/L	94	SW846 6010B	12/09-12/13/10	MA3E81DM
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	458	ug/L	92	SW846 6010B	12/09-12/13/10	MA3E81CA
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Potassium	50000	49400	ug/L	99	SW846 6010B	12/09-12/13/10	MA3E81DN
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Silver	50.0	48.2	ug/L	96	SW846 6010B	12/09-12/13/10	MA3E81CC
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	50000	48700	ug/L	97	SW846 6010B	12/09-12/13/10	MA3E81DP
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	465	ug/L	93	SW846 6010B	12/09-12/13/10	MA3E81CD
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	502	ug/L	100	SW846 6010B	12/09-12/13/10	MA3E81CE
			Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.2	ug/L	104	SW846 7470A	12/09-12/10/10	MA3E81AX
			Dilution Factor: 1		Analysis Time..: 17:45	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L080424-002 **Prep Batch #...:** 0343016							
Aluminum	93	(63 - 128)			SW846 6020	12/09/10	MA1R21E1
	98	(63 - 128)	5.0	(0-20)	SW846 6020	12/09/10	MA1R21E2
		Dilution Factor: 1					
		Analysis Time..: 21:24			Instrument ID..: I8	Analyst ID.....: 001576	
Antimony	94	(44 - 153)			SW846 6020	12/09/10	MA1R21CQ
	96	(44 - 153)	2.3	(0-20)	SW846 6020	12/09/10	MA1R21CR
		Dilution Factor: 1					
		Analysis Time..: 21:24			Instrument ID..: I8	Analyst ID.....: 001576	
Arsenic	95	(82 - 123)			SW846 6020	12/09/10	MA1R21E4
	98	(82 - 123)	2.6	(0-20)	SW846 6020	12/09/10	MA1R21E5
		Dilution Factor: 1					
		Analysis Time..: 21:24			Instrument ID..: I8	Analyst ID.....: 001576	
Cadmium	101	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21EW
	100	(75 - 125)	0.75	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21EX
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	95	(69 - 117)			SW846 6020	12/09/10	MA1R21CU
	98	(69 - 117)	3.0	(0-20)	SW846 6020	12/09/10	MA1R21CV
		Dilution Factor: 1					
		Analysis Time..: 21:24			Instrument ID..: I8	Analyst ID.....: 001576	
Lead	99	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21C2
	99	(75 - 125)	0.21	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21C3
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	103	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21C8
	102	(75 - 125)	0.14	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21C9
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	106	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21C5
	106	(75 - 125)	0.20	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21C6
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	100	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21DC
	101	(75 - 125)	0.45	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21DD
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	116	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21EE
	122	(75 - 125)	1.2	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21EF
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	101	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21DJ
	101	(75 - 125)	0.25	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21DK
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	100	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21DM
	100	(75 - 125)	0.20	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21DN
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	105	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21EH
	105	(75 - 125)	0.22	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21EJ
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21HE
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/09-12/13/10	MA1R21HF
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	113	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21EL
	114	(75 - 125)	0.64	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21EM
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	104	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21HH
	105	(75 - 125)	0.40	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21HJ
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	99	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21DQ
	99	(75 - 125)	0.19	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21DR
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	113	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21EP
	111	(75 - 125)	1.1	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21EQ
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	107	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21DU
	105	(75 - 125)	1.6	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21DV
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	119	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21ET
	120	(75 - 125)	0.36	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21EU
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	101	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21DX
	101	(75 - 125)	0.01	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21D0
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	103	(75 - 125)			SW846 6010B	12/09-12/13/10	MA1R21D2
	101	(75 - 125)	1.2	(0-20)	SW846 6010B	12/09-12/13/10	MA1R21D3
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	102	(69 - 134)			SW846 7470A	12/09-12/10/10	MA1R21CM
	102	(69 - 134)	0.29	(0-20)	SW846 7470A	12/09-12/10/10	MA1R21CN
		Dilution Factor: 1					
		Analysis Time..: 17:47			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L080424-002 **Prep Batch #...:** 0343016									
Aluminum									
	44.0	10000	9340	ug/L	93		SW846 6020	12/09/10	MA1R21E1
	44.0	10000	9820	ug/L	98	5.0	SW846 6020	12/09/10	MA1R21E2
			Dilution Factor: 1						
			Analysis Time..: 21:24		Instrument ID..: I8			Analyst ID.....: 001576	
Antimony									
	ND	100	94.1	ug/L	94		SW846 6020	12/09/10	MA1R21CQ
	ND	100	96.3	ug/L	96	2.3	SW846 6020	12/09/10	MA1R21CR
			Dilution Factor: 1						
			Analysis Time..: 21:24		Instrument ID..: I8			Analyst ID.....: 001576	
Arsenic									
	13.0	100	108	ug/L	95		SW846 6020	12/09/10	MA1R21E4
	13.0	100	111	ug/L	98	2.6	SW846 6020	12/09/10	MA1R21E5
			Dilution Factor: 1						
			Analysis Time..: 21:24		Instrument ID..: I8			Analyst ID.....: 001576	
Cadmium									
	ND	50.0	50.4	ug/L	101		SW846 6010B	12/09-12/13/10	MA1R21EW
	ND	50.0	50.1	ug/L	100	0.75	SW846 6010B	12/09-12/13/10	MA1R21EX
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	95.0	ug/L	95		SW846 6020	12/09/10	MA1R21CU
	ND	100	97.9	ug/L	98	3.0	SW846 6020	12/09/10	MA1R21CV
			Dilution Factor: 1						
			Analysis Time..: 21:24		Instrument ID..: I8			Analyst ID.....: 001576	
Lead									
	ND	500	494	ug/L	99		SW846 6010B	12/09-12/13/10	MA1R21C2
	ND	500	495	ug/L	99	0.21	SW846 6010B	12/09-12/13/10	MA1R21C3
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	65.6	2000	2120	ug/L	103		SW846 6010B	12/09-12/13/10	MA1R21C8
	65.6	2000	2110	ug/L	102	0.14	SW846 6010B	12/09-12/13/10	MA1R21C9
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2110	ug/L	106		SW846 6010B	12/09-12/13/10	MA1R21C5
	ND	2000	2120	ug/L	106	0.20	SW846 6010B	12/09-12/13/10	MA1R21C6
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		
Beryllium									
	ND	50.0	50.2	ug/L	100		SW846 6010B	12/09-12/13/10	MA1R21DC
	ND	50.0	50.5	ug/L	101	0.45	SW846 6010B	12/09-12/13/10	MA1R21DD
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		
Calcium									
	156000	50000	214000	ug/L	116		SW846 6010B	12/09-12/13/10	MA1R21EE
	156000	50000	216000	ug/L	122	1.2	SW846 6010B	12/09-12/13/10	MA1R21EF
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		
Chromium									
	ND	200	203	ug/L	101		SW846 6010B	12/09-12/13/10	MA1R21DJ
	ND	200	202	ug/L	101	0.25	SW846 6010B	12/09-12/13/10	MA1R21DK
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		
Cobalt									
	1.9	500	501	ug/L	100		SW846 6010B	12/09-12/13/10	MA1R21DM
	1.9	500	500	ug/L	100	0.20	SW846 6010B	12/09-12/13/10	MA1R21DN
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		
Copper									
	ND	250	262	ug/L	105		SW846 6010B	12/09-12/13/10	MA1R21EH
	ND	250	261	ug/L	105	0.22	SW846 6010B	12/09-12/13/10	MA1R21EJ
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		
Iron									
	8580	1000	10300	ug/L			SW846 6010B	12/09-12/13/10	MA1R21HE
			Qualifiers: NC,MSB						
	8580	1000	10400	ug/L			SW846 6010B	12/09-12/13/10	MA1R21HF
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 18:55	Instrument ID..: I6			Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	51000	50000	107000	ug/L	113		SW846 6010B	12/09-12/13/10	MA1R21EL
	51000	50000	108000	ug/L	114	0.64	SW846 6010B	12/09-12/13/10	MA1R21EM
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	154	500	675	ug/L	104		SW846 6010B	12/09-12/13/10	MA1R21HH
	154	500	677	ug/L	105	0.40	SW846 6010B	12/09-12/13/10	MA1R21HJ
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	494	ug/L	99		SW846 6010B	12/09-12/13/10	MA1R21DQ
	ND	500	493	ug/L	99	0.19	SW846 6010B	12/09-12/13/10	MA1R21DR
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	4050	50000	60400	ug/L	113		SW846 6010B	12/09-12/13/10	MA1R21EP
	4050	50000	59800	ug/L	111	1.1	SW846 6010B	12/09-12/13/10	MA1R21EQ
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	53.3	ug/L	107		SW846 6010B	12/09-12/13/10	MA1R21DU
	ND	50.0	52.5	ug/L	105	1.6	SW846 6010B	12/09-12/13/10	MA1R21DV
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	80900	50000	140000	ug/L	119		SW846 6010B	12/09-12/13/10	MA1R21ET
	80900	50000	141000	ug/L	120	0.36	SW846 6010B	12/09-12/13/10	MA1R21EU
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	506	ug/L	101		SW846 6010B	12/09-12/13/10	MA1R21DX
	ND	500	506	ug/L	101	0.01	SW846 6010B	12/09-12/13/10	MA1R21D0
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:50 **Date Received..:** 12/08/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	39.5	500	553	ug/L	103		SW846 6010B	12/09-12/13/10	MA1R21D2
	39.5	500	547	ug/L	101	1.2	SW846 6010B	12/09-12/13/10	MA1R21D3
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.0	ug/L	102		SW846 7470A	12/09-12/10/10	MA1R21CM
	ND	1.0	1.0	ug/L	102	0.29	SW846 7470A	12/09-12/10/10	MA1R21CN
			Dilution Factor: 1						
			Analysis Time..: 17:47		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-120710

General Chemistry

Lot-Sample #...: A0L080416-001 **Work Order #...:** MA1PL **Matrix.....:** WG
Date Sampled...: 12/07/10 09:23 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**5.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362147**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352082
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**73.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362157**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-120710

General Chemistry

Lot-Sample #...: A0L080416-002 **Work Order #...:** MA1PN **Matrix.....:** WG
Date Sampled...: 12/07/10 10:24 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**39.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362147**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352082
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**184**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362157**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-120710

General Chemistry

Lot-Sample #...: A0L080416-003 **Work Order #...:** MA1PP **Matrix.....:** WG
Date Sampled...: 12/07/10 11:18 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.25 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362151**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362147**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352082
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**269**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362157**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-120710

General Chemistry

Lot-Sample #...: A0L080416-004 **Work Order #...:** MA1PQ **Matrix.....:** WG
Date Sampled...: 12/07/10 12:42 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**31.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362147**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**271**	**2.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362157**
		Dilution Factor: 2		MDL.....: 0.24		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710

General Chemistry

Lot-Sample #...: A0L080416-005 **Work Order #...:** MA1PR **Matrix.....:** WG
Date Sampled...: 12/07/10 14:52 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**16.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362147**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**17.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362157**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-120710-E

General Chemistry

Lot-Sample #...: A0L080416-006 **Work Order #...:** MA1PV **Matrix.....:** WG
Date Sampled...: 12/07/10 15:10 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	ND	1.0	mg/L	MCAWW 300.0A	12/23/10	0362147
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	12/23/10	0362157
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT105A-120710

General Chemistry

Lot-Sample #...: A0L080416-007 **Work Order #...:** MA1PW **Matrix.....:** WG
Date Sampled...: 12/07/10 16:08 **Date Received..:** 12/08/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**12.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362147**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**16.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362157**
		Dilution Factor: 1		MDL.....: 0.12		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MCTLP1AA		MB Lot-Sample #:	A0L280000-151	
	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1				
Chloride		Work Order #: MCTLH1AA		MB Lot-Sample #:	A0L280000-147	
	ND	1.0	mg/L	MCAWW 300.0A	12/23/10	0362147
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MCJ2R1AA		MB Lot-Sample #:	A0L180000-081	
	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MCJ291AA		MB Lot-Sample #:	A0L180000-082	
	ND	0.010	mg/L	SW846 9012A	12/17/10	0352082
		Dilution Factor: 1				
Sulfate		Work Order #: MCTL51AA		MB Lot-Sample #:	A0L280000-157	
	ND	1.0	mg/L	MCAWW 300.0A	12/23/10	0362157
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0L080416 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCTLP1AC-LCS/MCTLP1AD-LCSD LCS Lot-Sample#: A0L280000-151					
	101	(90 - 110)			MCAWW 300.0A	12/23/10	0362151
	102	(90 - 110)	1.3	(0-20)	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1					
Chloride		WO#:MCTLH1AC-LCS/MCTLH1AD-LCSD LCS Lot-Sample#: A0L280000-147					
	105	(90 - 110)			MCAWW 300.0A	12/23/10	0362147
	106	(90 - 110)	0.49	(0-20)	MCAWW 300.0A	12/23/10	0362147
		Dilution Factor: 1					
Sulfate		WO#:MCTL51AC-LCS/MCTL51AD-LCSD LCS Lot-Sample#: A0L280000-157					
	98	(90 - 110)			MCAWW 300.0A	12/23/10	0362157
	98	(90 - 110)	0.69	(0-20)	MCAWW 300.0A	12/23/10	0362157
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0L080416 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCTLP1AC-LCS/MCTLP1AD-LCSD		LCS Lot-Sample#: A0L280000-151				
	10.0	10.1	mg/L	101		MCAWW 300.0A	12/23/10	0362151
	10.0	10.2	mg/L	102	1.3	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1						
Chloride		WO#:MCTLH1AC-LCS/MCTLH1AD-LCSD		LCS Lot-Sample#: A0L280000-147				
	50.0	52.5	mg/L	105		MCAWW 300.0A	12/23/10	0362147
	50.0	52.8	mg/L	106	0.49	MCAWW 300.0A	12/23/10	0362147
		Dilution Factor: 1						
Sulfate		WO#:MCTL51AC-LCS/MCTL51AD-LCSD		LCS Lot-Sample#: A0L280000-157				
	50.0	49.2	mg/L	98		MCAWW 300.0A	12/23/10	0362157
	50.0	48.9	mg/L	98	0.69	MCAWW 300.0A	12/23/10	0362157
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MCJ2R1AC	LCS Lot-Sample#: A0L180000-081		
	103	(69 - 118)	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1			
Cyanide, Total		Work Order #: MCJ291AC	LCS Lot-Sample#: A0L180000-082		
	99	(69 - 118)	SW846 9012A	12/17/10	0352082
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: MCJ2R1AC		LCS Lot-Sample#: A0L180000-081		
	0.39	0.41	mg/L	103	SW846 9012A	12/17/10	0352081
			Dilution Factor: 1				
Cyanide, Total			Work Order #: MCJ291AC		LCS Lot-Sample#: A0L180000-082		
	0.39	0.39	mg/L	99	SW846 9012A	12/17/10	0352082
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:48 **Date Received..:** 12/09/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MA4C61A9-MS/MA4C61CA-MSD				MS Lot-Sample #: A0L090474-002	
	90	(42 - 140)			SW846 9012A	12/17/10	0352082
	91	(42 - 140)	1.4	(0-20)	SW846 9012A	12/17/10	0352082
		Dilution Factor: 1					
Cyanide, Total		WO#: MA6MK1DE-MS/MA6MK1DF-MSD				MS Lot-Sample #: A0L100487-005	
	99	(42 - 140)			SW846 9012A	12/17/10	0352081
	89	(42 - 140)	10	(0-20)	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WATER
Date Sampled...: 12/07/10 14:48 **Date Received..:** 12/09/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MA4C61A9-MS/MA4C61CA-MSD		MS Lot-Sample #: A0L090474-002				
	ND	0.040	0.036	mg/L	90		SW846 9012A	12/17/10	0352082
	ND	0.040	0.036	mg/L	91	1.4	SW846 9012A	12/17/10	0352082
			Dilution Factor: 1						
Cyanide, Total			WO#: MA6MK1DE-MS/MA6MK1DF-MSD		MS Lot-Sample #: A0L100487-005				
	ND	0.040	0.040	mg/L	99		SW846 9012A	12/17/10	0352081
	ND	0.040	0.036	mg/L	89	10	SW846 9012A	12/17/10	0352081
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WG
Date Sampled...: 12/07/10 14:52 **Date Received..:** 12/08/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MA1PR1CA		MS Lot-Sample #: A0L080416-005	
	111	(80 - 120)	MCAWW 300.0A	12/23/10	0362151
		Dilution Factor: 1			
Chloride		Work Order #...: MA1PR1A9		MS Lot-Sample #: A0L080416-005	
	120	(80 - 120)	MCAWW 300.0A	12/23/10	0362147
		Dilution Factor: 1			
Sulfate		Work Order #...: MA1PR1CC		MS Lot-Sample #: A0L080416-005	
	113	(80 - 120)	MCAWW 300.0A	12/23/10	0362157
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L080416 **Matrix.....:** WG
Date Sampled...: 12/07/10 14:52 **Date Received..:** 12/08/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MA1PR1CA			MS Lot-Sample #: A0L080416-005		
	ND	10.0	11.1	mg/L	111	MCAWW 300.0A	12/23/10	0362151
			Dilution Factor: 1					
Chloride			Work Order #...: MA1PR1A9			MS Lot-Sample #: A0L080416-005		
	16.8	50.0	76.8	mg/L	120	MCAWW 300.0A	12/23/10	0362147
			Dilution Factor: 1					
Sulfate			Work Order #...: MA1PR1CC			MS Lot-Sample #: A0L080416-005		
	17.9	50.0	74.2	mg/L	113	MCAWW 300.0A	12/23/10	0362157
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
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END OF REPORT

TestAmerica
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ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO ELKHART, IN

Lot #: A0L090413

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
1/5/2011 2:20 PM

Amy L. McCormick
Project Manager
amy.mccormick@testamericainc.com

January 05, 2011

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 22
GC/MS Semivolatile Data 47
Inorganic/Metals Data 79
General Chemistry Data 120

Total # of Pages in this Document 138

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A0L090413

The following report contains the analytical results for eight water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO ELKHART, IN Site, project number 39611-40. The samples were received December 09, 2010, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on December 28, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.2, 2.8, and 3.9°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

CASE NARRATIVE (continued)

METALS (continued)

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP Trace or ICP MS Form IX was provided for batch(es) 0344023. The serial dilutions were performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0L090413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT106A-120810 12/08/10 09:03 001				
Arsenic	2.1	1.0	ug/L	SW846 6020
Barium	45.0 B	200	ug/L	SW846 6010B
Calcium	129000	5000	ug/L	SW846 6010B
Iron	958	100	ug/L	SW846 6010B
Magnesium	17100	5000	ug/L	SW846 6010B
Manganese	516 J	15.0	ug/L	SW846 6010B
Potassium	1860 B,J	5000	ug/L	SW846 6010B
Sodium	31300	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.2 J,B	2.0	ug/L	SW846 8270C
1,1-Dichloroethane	1.5	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.58 J	1.0	ug/L	SW846 8260B
Chloride	66.2	1.0	mg/L	MCAWW 300.0A
Sulfate	111	1.0	mg/L	MCAWW 300.0A
GW-WT106B-120810 12/08/10 10:14 002				
Aluminum	98.4	50.0	ug/L	SW846 6020
Arsenic	11.8	1.0	ug/L	SW846 6020
Barium	114 B	200	ug/L	SW846 6010B
Calcium	153000	5000	ug/L	SW846 6010B
Iron	6040	100	ug/L	SW846 6010B
Magnesium	66900	5000	ug/L	SW846 6010B
Manganese	54.8 J	15.0	ug/L	SW846 6010B
Potassium	5530 J	5000	ug/L	SW846 6010B
Sodium	40000	5000	ug/L	SW846 6010B
Zinc	7.1 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.2 J,B	2.0	ug/L	SW846 8270C
Carbon disulfide	0.98 J	1.0	ug/L	SW846 8260B
Chloroethane	2.3	1.0	ug/L	SW846 8260B
Chloride	26.6	1.0	mg/L	MCAWW 300.0A
Sulfate	217	5.0	mg/L	MCAWW 300.0A
Bromide	0.30 B	0.50	mg/L	MCAWW 300.0A
TRIP BLANK-120810-2 12/08/10 10:20 003				
Methylene chloride	0.40 J,B	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L090413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT120A-120810 12/08/10 11:12 004				
Arsenic	4.1	1.0	ug/L	SW846 6020
Barium	69.9 B	200	ug/L	SW846 6010B
Calcium	77500	5000	ug/L	SW846 6010B
Iron	944	100	ug/L	SW846 6010B
Magnesium	19600	5000	ug/L	SW846 6010B
Manganese	86.1 J	15.0	ug/L	SW846 6010B
Potassium	2010 B,J	5000	ug/L	SW846 6010B
Sodium	38200	5000	ug/L	SW846 6010B
Chloride	67.2	1.0	mg/L	MCAWW 300.0A
Sulfate	45.3	1.0	mg/L	MCAWW 300.0A
Cyanide, Total	0.0072 B	0.010	mg/L	SW846 9012A
GW-WT120A-120810-D 12/08/10 11:20 005				
Arsenic	4.1	1.0	ug/L	SW846 6020
Barium	69.5 B	200	ug/L	SW846 6010B
Calcium	77500	5000	ug/L	SW846 6010B
Iron	946	100	ug/L	SW846 6010B
Magnesium	19500	5000	ug/L	SW846 6010B
Manganese	86.0 J	15.0	ug/L	SW846 6010B
Potassium	2010 B,J	5000	ug/L	SW846 6010B
Sodium	38000	5000	ug/L	SW846 6010B
Chloride	67.2	1.0	mg/L	MCAWW 300.0A
Sulfate	45.3	1.0	mg/L	MCAWW 300.0A
GW-WT120B-120810 12/08/10 12:17 006				
Arsenic	6.8	1.0	ug/L	SW846 6020
Barium	97.9 B	200	ug/L	SW846 6010B
Calcium	77500	5000	ug/L	SW846 6010B
Iron	1100	100	ug/L	SW846 6010B
Magnesium	24300	5000	ug/L	SW846 6010B
Manganese	249 J	15.0	ug/L	SW846 6010B
Potassium	1140 B,J	5000	ug/L	SW846 6010B
Sodium	13800	5000	ug/L	SW846 6010B
Carbon disulfide	0.41 J	1.0	ug/L	SW846 8260B
Chloride	29.0	1.0	mg/L	MCAWW 300.0A
Sulfate	78.3	1.0	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L090413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT114C-120810 12/08/10 14:47 007				
Arsenic	19.2	1.0	ug/L	SW846 6020
Barium	78.8 B	200	ug/L	SW846 6010B
Calcium	92000	5000	ug/L	SW846 6010B
Iron	4030	100	ug/L	SW846 6010B
Magnesium	19200	5000	ug/L	SW846 6010B
Manganese	36.2 J	15.0	ug/L	SW846 6010B
Potassium	1910 B,J	5000	ug/L	SW846 6010B
Sodium	16600	5000	ug/L	SW846 6010B
1,1-Dichloroethane	4.5	1.0	ug/L	SW846 8260B
Chloride	32.6	1.0	mg/L	MCAWW 300.0A
Sulfate	134	1.0	mg/L	MCAWW 300.0A
GW-WT114B-120810 12/08/10 15:52 008				
Arsenic	7.6	1.0	ug/L	SW846 6020
Barium	45.7 B	200	ug/L	SW846 6010B
Calcium	83600	5000	ug/L	SW846 6010B
Iron	2330	100	ug/L	SW846 6010B
Magnesium	19300	5000	ug/L	SW846 6010B
Manganese	40.8 J	15.0	ug/L	SW846 6010B
Potassium	1310 B,J	5000	ug/L	SW846 6010B
Sodium	22200	5000	ug/L	SW846 6010B
Carbon disulfide	0.32 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	1.5	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.49 J	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	0.40 J	1.0	ug/L	SW846 8260B
Chloride	42.4	1.0	mg/L	MCAWW 300.0A
Sulfate	77.6	1.0	mg/L	MCAWW 300.0A
GW-WT114A-120810 12/08/10 17:03 009				
Arsenic	1.1	1.0	ug/L	SW846 6020
Barium	60.3 B	200	ug/L	SW846 6010B
Calcium	86800	5000	ug/L	SW846 6010B
Iron	451	100	ug/L	SW846 6010B
Magnesium	15700	5000	ug/L	SW846 6010B
Manganese	61.7 J	15.0	ug/L	SW846 6010B
Potassium	2340 B,J	5000	ug/L	SW846 6010B
Sodium	221000	5000	ug/L	SW846 6010B
Chloride	324	5.0	mg/L	MCAWW 300.0A
Sulfate	60.4	1.0	mg/L	MCAWW 300.0A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0L090413

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A0L090413

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MA3M7	001	GW-WT106A-120810	12/08/10	09:03
MA3M8	002	GW-WT106B-120810	12/08/10	10:14
MA3M9	003	TRIP BLANK-120810-2	12/08/10	10:20
MA3NQ	004	GW-WT120A-120810	12/08/10	11:12
MA3NV	005	GW-WT120A-120810-D	12/08/10	11:20
MA3NX	006	GW-WT120B-120810	12/08/10	12:17
MA3N1	007	GW-WT114C-120810	12/08/10	14:47
MA3N2	008	GW-WT114B-120810	12/08/10	15:52
MA3N3	009	GW-WT114A-120810	12/08/10	17:03

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CRA
CONESTOGA–ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278 (317) 291-7007

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HEMCO Elkhart, IN

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ PRINTED NAME: Tim Prange

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	TAL Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	12/8/10	903	GW-WT106A-120810	Water	6	X	X	X	X	X	X	
2		1014	GW-WT106B-120810		6	X	X	X	X	X	X	
3		1020	TRIP BLANK-120810-2		1	X						
4		1112	GW-WT120A-120810		6	X	X	X	X	X	X	
5		1120	GW-WT120A-120810-D		6	X	X	X	X	X	X	
6		1217	GW-WT120B-120810		6	X	X	X	X	X	X	
7		1447	GW-WT114C-120810		6	X	X	X	X	X	X	
8		1552	GW-WT114B-120810		6	X	X	X	X	X	X	
9	12/8/10	1703	GW-WT114A-120810	Water	6	X	X	X	X	X	X	
			TOTAL NUMBER OF CONTAINERS		49							

RELINQUISHED BY: ① _____ DATE: 12/8/10 TIME: 1830
RECEIVED BY: ② _____ DATE: _____ TIME: _____

RELINQUISHED BY: ② _____ DATE: _____ TIME: _____
RECEIVED BY: ③ _____ DATE: _____ TIME: _____

RELINQUISHED BY: ③ _____ DATE: _____ TIME: _____
RECEIVED BY: ④ _____ DATE: _____ TIME: _____

METHOD OF SHIPMENT: FedEx
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SAMPLE TEAM: Tim Prange, Shawn Miller

RECEIVED FOR LABORATORY BY: _____
DATE: 12/9/10 TIME: 9:15

1829

1CG1(FORMS)-OCT 24/96-REV.0-(C)(F-01)

17

North Canton

CRA
CONESTOGA–ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278 (317) 291-7007

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO, Elkhart, IN

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: Tim Prange

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	12/8/10	903	GW-WT106A-120810	Water	2	X	
2		1014	GW-WT106B-120810		2	X	
3		1112	GW-WT120A-120810		2	X	
4		1120	GW-WT120A-120810-D		2	X	
5		1217	GW-WT120B-120810		2	X	
6	12/8/10	1447	GW-WT114C-120810	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: ① [signature]	DATE: 12/8/10 TIME: 1830	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx AIR BILL No. 8724 2398 4055

White –Fully Executed Copy
Yellow –Receiving Laboratory Copy
Pink –Shipper Copy
Goldenrod –Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn Miller

RECEIVED FOR LABORATORY BY: [signature] DATE: 12/9/10 TIME: 915

1828

1CG1(FORMS)-OCT 24/96-REV.0-(C)(F-01)

North Canton

CRA
CONESTOGA–ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278 (317) 291-7007

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 3611-40

PROJECT NAME: HEMCO

CHAIN OF CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ PRINTED NAME: Tim Praeger

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	12/8/10	1552	GW-WT114B-120810	Water	2		
2	12/8/10	1703	GW-WT124A-120810	Water	2		
			TOTAL NUMBER OF CONTAINERS		4		

RELINQUISHED BY: ① _____	DATE: 12/8/10 TIME: 1630	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx

AIR BILL No. 8724 2398 4055

White –Fully Executed Copy
Yellow –Receiving Laboratory Copy
Pink –Shipper Copy
Goldenrod –Sampler Copy

SAMPLE TEAM: Tim Praeger, Shawn Miller

RECEIVED FOR LABORATORY BY: _____

DATE: 12/9/10 TIME: 9:15

1830

1CC1(FORMS)-OCT 24/96-REV.0-(C)(F-01)

19

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 401 091013
North Canton Facility

Client CRA Project _____ By: _____
Cooler Received on 12-9-10 Opened on 12-9-10 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 6 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑ BACK
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☐ No ☑
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 051010-HNO_3; Sulfuric Acid Lot# 051010-H_2SO_4; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-$(CH_3COO)_2ZN$/NaOH.* What time was preserved added to sample(s)? _____

Client ID	pH	Date	Initials
106A	<2 7 12	12-9-10	CSL
106B	<2 7 12		
120A	<2 7 12		
120AD	<2 7 12		
120B	<2 7 12		
114C	<2 7 12		
114B	<2 7 12		
114A	<2 7 12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
L802	2.8	IR	ice
L414	1.2	/	/
L685	3.9		

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-001 **Work Order #...:** MA3M71AA **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**1.5**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.58 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-001 **Work Order #...:** MA3M71AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-002 **Work Order #...:** MA3M81AL **Matrix.....:** WG
Date Sampled...: 12/08/10 10:14 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.98 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**2.3**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-002 **Work Order #...:** MA3M81AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	83	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-120810-2

GC/MS Volatiles

Lot-Sample #...: A0L090413-003 **Work Order #...:** MA3M91AA **Matrix.....:** WQ
Date Sampled...: 12/08/10 10:20 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**0.40 J,B**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-120810-2

GC/MS Volatiles

Lot-Sample #...: A0L090413-003 **Work Order #...:** MA3M91AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
1,2-Dichloroethane-d4	106	(63 - 129)
Toluene-d8	94	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-004 **Work Order #...:** MA3NQ1AL **Matrix.....:** WG
Date Sampled...: 12/08/10 11:12 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-004 **Work Order #...:** MA3NQ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

GC/MS Volatiles

Lot-Sample #...: A0L090413-005 **Work Order #...:** MA3NV1AL **Matrix.....:** WG
Date Sampled...: 12/08/10 11:20 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

GC/MS Volatiles

Lot-Sample #...: A0L090413-005 **Work Order #...:** MA3NV1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	97	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	78	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-006 **Work Order #...:** MA3NX1AL **Matrix.....:** WG
Date Sampled...: 12/08/10 12:17 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.41 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-006 **Work Order #...:** MA3NX1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	91	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-007 **Work Order #...:** MA3N11AL **Matrix.....:** WG
Date Sampled...: 12/08/10 14:47 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**4.5**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-007 **Work Order #...:** MA3N11AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
Toluene-d8	91	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-008 **Work Order #...:** MA3N21AL **Matrix.....:** WG
Date Sampled...: 12/08/10 15:52 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.32 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**1.5**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.49 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	**0.40 J**	**1.0**	**ug/L**	**0.18**
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-008 **Work Order #...:** MA3N21AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-009 **Work Order #...:** MA3N31AL **Matrix.....:** WG
Date Sampled...: 12/08/10 17:03 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

GC/MS Volatiles

Lot-Sample #...: A0L090413-009 **Work Order #...:** MA3N31AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L090413 **Work Order #...:** MCEE41AA **Matrix.....:** WATER
MB Lot-Sample #: A0L150000-356

Prep Date.....: 12/14/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/14/10 **Prep Batch #...:** 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.52 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L090413 **Work Order #...:** MCEE41AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.26 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	107	(63 - 129)
Toluene-d8	97	(74 - 115)
4-Bromofluorobenzene	85	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L090413 **Work Order #...:** MCEE41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-356 MCEE41AD-LCSD
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**90**	**(83 - 112)**			**SW846 8260B**
	91	**(83 - 112)**	**0.44**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**92**	**(85 - 110)**			**SW846 8260B**
	91	**(85 - 110)**	**1.1**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**88**	**(78 - 131)**			**SW846 8260B**
	94	**(78 - 131)**	**5.6**	**(0-30)**	**SW846 8260B**
Toluene	**95**	**(84 - 111)**			**SW846 8260B**
	94	**(84 - 111)**	**0.37**	**(0-30)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 117)**			**SW846 8260B**
	101	**(76 - 117)**	**0.84**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	100	(75 - 121)
1,2-Dichloroethane-d4	94	(63 - 129)
	95	(63 - 129)
Toluene-d8	101	(74 - 115)
	101	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)
	99	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L090413 **Work Order #...:** MCEE41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-356 MCEE41AD-LCSD
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**9.1**	**ug/L**	**91**	**0.44**	**SW846 8260B**
Chlorobenzene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.1**	**ug/L**	**91**	**1.1**	**SW846 8260B**
1,1-Dichloroethene	**10**	**8.8**	**ug/L**	**88**		**SW846 8260B**
	10	**9.4**	**ug/L**	**94**	**5.6**	**SW846 8260B**
Toluene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.4**	**ug/L**	**94**	**0.37**	**SW846 8260B**
Trichloroethene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**10**	**ug/L**	**101**	**0.84**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	100	(75 - 121)
1,2-Dichloroethane-d4	94	(63 - 129)
	95	(63 - 129)
Toluene-d8	101	(74 - 115)
	101	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)
	99	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L090413 **Work Order #...:** MA31A1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L090438-011 MA31A1AD-MSD
Date Sampled...: 12/08/10 10:56 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**93**	**(72 - 121)**			**SW846 8260B**
	91	**(72 - 121)**	**1.9**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 110)**			**SW846 8260B**
	93	**(80 - 110)**	**0.83**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**93**	**(74 - 135)**			**SW846 8260B**
	90	**(74 - 135)**	**3.8**	**(0-30)**	**SW846 8260B**
Toluene	**97**	**(78 - 114)**			**SW846 8260B**
	95	**(78 - 114)**	**1.5**	**(0-30)**	**SW846 8260B**
Trichloroethene	**103**	**(66 - 120)**			**SW846 8260B**
	102	**(66 - 120)**	**0.13**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
	102	(75 - 121)
1,2-Dichloroethane-d4	98	(63 - 129)
	95	(63 - 129)
Toluene-d8	103	(74 - 115)
	102	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L090413 **Work Order #...:** MA31A1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L090438-011 MA31A1AD-MSD
Date Sampled...: 12/08/10 10:56 **Date Received..:** 12/09/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349356
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**1.9**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.3**	**ug/L**	**93**	**0.83**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**3.8**	**SW846 8260B**
Toluene	**ND**	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**1.5**	**SW846 8260B**
Trichloroethene	**0.32**	**10**	**11**	**ug/L**	**103**		**SW846 8260B**
	0.32	**10**	**11**	**ug/L**	**102**	**0.13**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
	102	(75 - 121)
1,2-Dichloroethane-d4	98	(63 - 129)
	95	(63 - 129)
Toluene-d8	103	(74 - 115)
	102	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-001 **Work Order #...:** MA3M71AC **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.2 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-001 **Work Order #...:** MA3M71AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-001 **Work Order #...:** MA3M71AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	77	(37 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-002 **Work Order #...:** MA3M81AM **Matrix.....:** WG
Date Sampled...: 12/08/10 10:14 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.2 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-002 **Work Order #...:** MA3M81AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-002 **Work Order #...:** MA3M81AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	28	(10 - 110)
2,4,6-Tribromophenol	59	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-004 **Work Order #...:** MA3NQ1AM **Matrix.....:** WG
Date Sampled...: 12/08/10 11:12 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/13/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1020 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-004 **Work Order #...:** MA3NQ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-004 **Work Order #...:** MA3NQ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	75	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	48	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-005 **Work Order #...:** MA3NV1AM **Matrix.....:** WG
Date Sampled...: 12/08/10 11:20 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/13/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-005 **Work Order #...:** MA3NV1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-005 **Work Order #...:** MA3NV1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	59	(28 - 110)
Terphenyl-d14	79	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	38	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-006 **Work Order #...:** MA3NX1AM **Matrix.....:** WG
Date Sampled...: 12/08/10 12:17 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/13/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-006 **Work Order #...:** MA3NX1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-006 **Work Order #...:** MA3NX1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	32	(10 - 110)
2,4,6-Tribromophenol	52	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-007 **Work Order #...:** MA3N11AM **Matrix.....:** WG
Date Sampled...: 12/08/10 14:47 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/13/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-007 **Work Order #...:** MA3N11AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-007 **Work Order #...:** MA3N11AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	59	(28 - 110)
Terphenyl-d14	87	(37 - 119)
Phenol-d5	20	(10 - 110)
2-Fluorophenol	36	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-008 **Work Order #...:** MA3N21AM **Matrix.....:** WG
Date Sampled...: 12/08/10 15:52 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/13/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-008 **Work Order #...:** MA3N21AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-008 **Work Order #...:** MA3N21AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	19	(10 - 110)
2-Fluorophenol	33	(10 - 110)
2,4,6-Tribromophenol	60	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-009 **Work Order #...:** MA3N31AM **Matrix.....:** WG
Date Sampled...: 12/08/10 17:03 **Date Received..:** 12/09/10
Prep Date.....: 12/09/10 **Analysis Date..:** 12/13/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-009 **Work Order #...:** MA3N31AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

GC/MS Semivolatiles

Lot-Sample #...: A0L090413-009 **Work Order #...:** MA3N31AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	35	(10 - 110)
2,4,6-Tribromophenol	59	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L090000-137

Prep Date.....: 12/09/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/14/10 **Prep Batch #...:** 0343137
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**0.83 J**	**2.0**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	85	(37 - 119)
Phenol-d5	36	(10 - 110)
2-Fluorophenol	53	(10 - 110)
2,4,6-Tribromophenol	65	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L090000-137 MA3QK1AD-LCSD
Prep Date.....: 12/09/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**70**	**(40 - 110)**			**SW846 8270C**
	61	**(40 - 110)**	**15**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**69**	**(25 - 110)**			**SW846 8270C**
	59	**(25 - 110)**	**16**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**71**	**(19 - 110)**			**SW846 8270C**
	58	**(19 - 110)**	**20**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**74**	**(39 - 110)**			**SW846 8270C**
	63	**(39 - 110)**	**16**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**71**	**(27 - 110)**			**SW846 8270C**
	59	**(27 - 110)**	**17**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**77**	**(52 - 123)**			**SW846 8270C**
	66	**(52 - 123)**	**15**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**43**	**(12 - 130)**			**SW846 8270C**
	35	**(12 - 130)**	**23**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(37 - 121)**			**SW846 8270C**
	65	**(37 - 121)**	**13**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**54**	**(26 - 110)**			**SW846 8270C**
	52	**(26 - 110)**	**3.4**	**(0-30)**	**SW846 8270C**
Phenol	**42**	**(14 - 112)**			**SW846 8270C**
	31	**(14 - 112)**	**30**	**(0-30)**	**SW846 8270C**
Pyrene	**72**	**(55 - 120)**			**SW846 8270C**
	61	**(55 - 120)**	**16**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
	64	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
	60	(28 - 110)
Terphenyl-d14	84	(37 - 119)
	72	(37 - 119)
Phenol-d5	43	(10 - 110)
	31	(10 - 110)
2-Fluorophenol	60	(10 - 110)
	46	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L090000-137 MA3QK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(22 - 120)
	65	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L090000-137 MA3QK1AD-LCSD
Prep Date.....: 12/09/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0343137
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	**20**	**14**	**ug/L**	**70**		**SW846 8270C**
	20	**12**	**ug/L**	**61**	**15**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**14**	**ug/L**	**69**		**SW846 8270C**
	20	**12**	**ug/L**	**59**	**16**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**14**	**ug/L**	**71**		**SW846 8270C**
	20	**12**	**ug/L**	**58**	**20**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**15**	**ug/L**	**74**		**SW846 8270C**
	20	**13**	**ug/L**	**63**	**16**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**71**		**SW846 8270C**
	20	**12**	**ug/L**	**59**	**17**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**77**		**SW846 8270C**
	20	**13**	**ug/L**	**66**	**15**	**SW846 8270C**
4-Nitrophenol	**20**	**8.7**	**ug/L**	**43**		**SW846 8270C**
	20	**6.9**	**ug/L**	**35**	**23**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**74**		**SW846 8270C**
	20	**13**	**ug/L**	**65**	**13**	**SW846 8270C**
Pentachlorophenol	**20**	**11**	**ug/L**	**54**		**SW846 8270C**
	20	**10**	**ug/L**	**52**	**3.4**	**SW846 8270C**
Phenol	**20**	**8.5**	**ug/L**	**42**		**SW846 8270C**
	20	**6.3**	**ug/L**	**31**	**30**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**72**		**SW846 8270C**
	20	**12**	**ug/L**	**61**	**16**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
	64	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
	60	(28 - 110)
Terphenyl-d14	84	(37 - 119)
	72	(37 - 119)
Phenol-d5	43	(10 - 110)
	31	(10 - 110)
2-Fluorophenol	60	(10 - 110)
	46	(10 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L090413 **Work Order #...:** MA3QK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L090000-137 MA3QK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(22 - 120)
	65	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-001 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3M71A0
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3M71A1**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AV
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3M71A2
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3M71A3
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AW
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**45.0 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AD**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AX
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AE
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**129000**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AF**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AG
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AH
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AJ
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**958**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AK**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**17100**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AL**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**516 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AM**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AN
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1860 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AP**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AQ
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**31300**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M71AR**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AT
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M71AU
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3M71A4
		Dilution Factor: 1		Analysis Time..: 14:47	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-002 **Matrix.....:** WG
Date Sampled...: 12/08/10 10:14 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	**98.4**	**50.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3M81AA**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**11.8**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3M81AC**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81A6
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3M81AD
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3M81AE
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81A7
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**114 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81AN**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81A8
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81AP
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**153000**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81AQ**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81AR
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81AT
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81AU
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**6040**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81AV**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**66900**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81AW**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**54.8 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81AX**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81A0
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**5530 J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81A1**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81A2
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**40000**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81A3**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3M81A4
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**7.1 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3M81A5**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3M81AF
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-004 **Matrix.....:** WG
Date Sampled...: 12/08/10 11:12 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3NQ1AA
		Dilution Factor: 1		Analysis Time..: 16:11	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**4.1**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3NQ1AC**
		Dilution Factor: 1		Analysis Time..: 16:11	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A6
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3NQ1AD
		Dilution Factor: 1		Analysis Time..: 16:11	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3NQ1AE
		Dilution Factor: 1		Analysis Time..: 16:11	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A7
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**69.9 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1AN**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A8
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1AP
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**77500**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1AQ**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1AR
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1AT
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1AU
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**944**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1AV**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19600**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1AW**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**86.1 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1AX**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A0
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2010 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1A1**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A2
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**38200**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NQ1A3**
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A4
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NQ1A5
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3NQ1AF
		Dilution Factor: 1		Analysis Time..: 14:54	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

TOTAL Metals

Lot-Sample #...: A0L090413-005 **Matrix.....:** WG
Date Sampled...: 12/08/10 11:20 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3NV1AA
		Dilution Factor: 1		Analysis Time..: 16:15	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**4.1**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3NV1AC**
		Dilution Factor: 1		Analysis Time..: 16:15	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A6
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3NV1AD
		Dilution Factor: 1		Analysis Time..: 16:15	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3NV1AE
		Dilution Factor: 1		Analysis Time..: 16:15	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A7
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**69.5 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1AN**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A8
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1AP
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**77500**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1AQ**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

TOTAL Metals

Lot-Sample #...: A0L090413-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1AR
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1AT
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1AU
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**946**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1AV**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19500**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1AW**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**86.0 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1AX**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A0
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2010 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1A1**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A2
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**38000**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NV1A3**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

TOTAL Metals

Lot-Sample #...: A0L090413-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A4
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NV1A5
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3NV1AF
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-006 **Matrix.....:** WG
Date Sampled...: 12/08/10 12:17 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3NX1AA
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**6.8**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3NX1AC**
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A6
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3NX1AD
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3NX1AE
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A7
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**97.9 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1AN**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A8
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1AP
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**77500**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1AQ**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1AR
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1AT
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1AU
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1100**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1AV**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**24300**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1AW**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**249 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1AX**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A0
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1140 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1A1**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A2
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**13800**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3NX1A3**
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A4
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3NX1A5
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3NX1AF
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

TOTAL Metals

Lot-Sample #...: A0L090413-007 **Matrix.....:** WG
Date Sampled...: 12/08/10 14:47 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3N11AA
		Dilution Factor: 1		Analysis Time..: 16:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**19.2**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3N11AC**
		Dilution Factor: 1		Analysis Time..: 16:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A6
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3N11AD
		Dilution Factor: 1		Analysis Time..: 16:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3N11AE
		Dilution Factor: 1		Analysis Time..: 16:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A7
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**78.8 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11AN**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A8
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11AP
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**92000**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11AQ**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

TOTAL Metals

Lot-Sample #...: A0L090413-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11AR
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11AT
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11AU
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**4030**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11AV**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19200**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11AW**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**36.2 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11AX**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A0
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1910 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11A1**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A2
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N11A3**
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

TOTAL Metals

Lot-Sample #...: A0L090413-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A4
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N11A5
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3N11AF
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-008 **Matrix.....:** WG
Date Sampled...: 12/08/10 15:52 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3N21AA
		Dilution Factor: 1		Analysis Time..: 16:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**7.6**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3N21AC**
		Dilution Factor: 1		Analysis Time..: 16:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A6
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3N21AD
		Dilution Factor: 1		Analysis Time..: 16:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3N21AE
		Dilution Factor: 1		Analysis Time..: 16:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A7
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**45.7 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21AN**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A8
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21AP
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**83600**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21AQ**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21AR
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21AT
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21AU
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**2330**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21AV**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19300**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21AW**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**40.8 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21AX**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A0
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1310 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21A1**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A2
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**22200**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N21A3**
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

TOTAL Metals

Lot-Sample #...: A0L090413-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A4
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N21A5
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3N21AF
		Dilution Factor: 1		Analysis Time..: 15:04	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-009 **Matrix.....:** WG
Date Sampled...: 12/08/10 17:03 **Date Received..:** 12/09/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA3N31AA
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.1**	**1.0**	**ug/L**	**SW846 6020**	**12/10-12/13/10**	**MA3N31AC**
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A6
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA3N31AD
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA3N31AE
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A7
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**60.3 B**	**200**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31AN**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A8
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31AP
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**86800**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31AQ**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31AR
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31AT
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31AU
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**451**	**100**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31AV**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**15700**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31AW**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**61.7 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31AX**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A0
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2340 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31A1**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A2
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**221000**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA3N31A3**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

TOTAL Metals

Lot-Sample #...: A0L090413-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A4
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/10-12/15/10	MA3N31A5
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA3N31AF
		Dilution Factor: 1		Analysis Time..: 14:52	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0L100000-023 **Prep Batch #...:** 0344023						
Aluminum	ND	50.0	ug/L	SW846 6020	12/10-12/13/10	MA5NX1AW
		Dilution Factor: 1				
		Analysis Time..: 14:37	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	12/10-12/13/10	MA5NX1A0
		Dilution Factor: 1				
		Analysis Time..: 14:37	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA5NX1AX
		Dilution Factor: 1				
		Analysis Time..: 14:37	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AT
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	12/10-12/13/10	MA5NX1A1
		Dilution Factor: 1				
		Analysis Time..: 14:37	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AU
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Barium	ND	200	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AA
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AV
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AC
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Calcium	ND	5000	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AD
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Chromium	**2.3 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA5NX1AE**
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AF
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Copper	ND	25.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AG
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Iron	ND	100	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AH
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Magnesium	ND	5000	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AJ
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Manganese	**0.58 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA5NX1AK**
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AL
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Potassium	**136 B**	**5000**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA5NX1AM**
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Silver	ND	10.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AN
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Sodium	ND	5000	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AP
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/10-12/15/10	MA5NX1AQ
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Zinc	**5.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/10-12/15/10**	**MA5NX1AR**
		Dilution Factor: 1				
		Analysis Time..: 12:06	Analyst ID.....: 000079		Instrument ID..: I6	
Mercury	ND	0.20	ug/L	SW846 7470A	12/10-12/13/10	MA5NX1A2
		Dilution Factor: 1				
		Analysis Time..: 14:45	Analyst ID.....: 001576		Instrument ID..: H1	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L100000-023 **Prep Batch #...:** 0344023					
Cadmium	106	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CK
		Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	
		Instrument ID..: I6			
Aluminum	102	(80 - 120)	SW846 6020	12/10-12/13/10	MA5NX1CN
		Dilution Factor: 1	Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	100	(80 - 120)	SW846 6020	12/10-12/13/10	MA5NX1CP
		Dilution Factor: 1	Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	102	(80 - 120)	SW846 6020	12/10-12/13/10	MA5NX1CQ
		Dilution Factor: 1	Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	94	(80 - 120)	SW846 6020	12/10-12/13/10	MA5NX1CR
		Dilution Factor: 1	Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	106	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CL
		Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	
		Instrument ID..: I6			
Barium	107	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A3
		Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	
		Instrument ID..: I6			
Selenium	109	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CM
		Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	
		Instrument ID..: I6			
Beryllium	106	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A4
		Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	
		Instrument ID..: I6			
Calcium	108	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A5
		Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	106	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A6
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Cobalt	107	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A7
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Copper	108	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A8
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Iron	113	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1A9
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Magnesium	108	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CA
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Manganese	108	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CC
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Nickel	107	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CD
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Potassium	108	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CE
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Silver	105	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CF
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Sodium	107	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CG
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	
Vanadium	105	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CH
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079	Instrument ID..: I6	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	113	(80 - 120)	SW846 6010B	12/10-12/15/10	MA5NX1CJ
	Dilution Factor: 1	Analysis Time..: 12:24	Analyst ID.....: 000079		
	Instrument ID..: I6				
Mercury	88	(81 - 123)	SW846 7470A	12/10-12/13/10	MA5NX1CT
	Dilution Factor: 1	Analysis Time..: 14:46	Analyst ID.....: 001576		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L100000-023 **Prep Batch #...:** 0344023							
Cadmium	50.0	53.1	ug/L	106	SW846 6010B	12/10-12/15/10	MA5NX1CK
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				
Aluminum	10000	10200	ug/L	102	SW846 6020	12/10-12/13/10	MA5NX1CN
			Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	99.6	ug/L	100	SW846 6020	12/10-12/13/10	MA5NX1CP
			Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	102	ug/L	102	SW846 6020	12/10-12/13/10	MA5NX1CQ
			Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	94.0	ug/L	94	SW846 6020	12/10-12/13/10	MA5NX1CR
			Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	528	ug/L	106	SW846 6010B	12/10-12/15/10	MA5NX1CL
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				
Barium	2000	2140	ug/L	107	SW846 6010B	12/10-12/15/10	MA5NX1A3
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				
Selenium	2000	2180	ug/L	109	SW846 6010B	12/10-12/15/10	MA5NX1CM
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				
Beryllium	50.0	52.8	ug/L	106	SW846 6010B	12/10-12/15/10	MA5NX1A4
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				
Calcium	50000	53800	ug/L	108	SW846 6010B	12/10-12/15/10	MA5NX1A5
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	212	ug/L	106	SW846 6010B	12/10-12/15/10	MA5NX1A6
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Cobalt	500	533	ug/L	107	SW846 6010B	12/10-12/15/10	MA5NX1A7
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Copper	250	270	ug/L	108	SW846 6010B	12/10-12/15/10	MA5NX1A8
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Iron	1000	1130	ug/L	113	SW846 6010B	12/10-12/15/10	MA5NX1A9
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Magnesium	50000	54000	ug/L	108	SW846 6010B	12/10-12/15/10	MA5NX1CA
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Manganese	500	539	ug/L	108	SW846 6010B	12/10-12/15/10	MA5NX1CC
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Nickel	500	536	ug/L	107	SW846 6010B	12/10-12/15/10	MA5NX1CD
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Potassium	50000	53900	ug/L	108	SW846 6010B	12/10-12/15/10	MA5NX1CE
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Silver	50.0	52.6	ug/L	105	SW846 6010B	12/10-12/15/10	MA5NX1CF
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Sodium	50000	53500	ug/L	107	SW846 6010B	12/10-12/15/10	MA5NX1CG
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					
Vanadium	500	527	ug/L	105	SW846 6010B	12/10-12/15/10	MA5NX1CH
		Dilution Factor: 1		Analysis Time..: 12:24		Analyst ID.....: 000079	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	563	ug/L	113	SW846 6010B	12/10-12/15/10	MA5NX1CJ
			Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 000079	
			Instrument ID..: I6				
Mercury	5.0	4.4	ug/L	88	SW846 7470A	12/10-12/13/10	MA5NX1CT
			Dilution Factor: 1		Analysis Time..: 14:46	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L090413-001 **Prep Batch #...:** 0344023							
Aluminum	99	(63 - 128)			SW846 6020	12/10-12/13/10	MA3M71DG
	103	(63 - 128)	3.7	(0-20)	SW846 6020	12/10-12/13/10	MA3M71DH
		Dilution Factor: 1					
		Analysis Time..: 15:39			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	100	(44 - 153)			SW846 6020	12/10-12/13/10	MA3M71DL
	103	(44 - 153)	2.6	(0-20)	SW846 6020	12/10-12/13/10	MA3M71DM
		Dilution Factor: 1					
		Analysis Time..: 15:39			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	96	(82 - 123)			SW846 6020	12/10-12/13/10	MA3M71DJ
	99	(82 - 123)	2.8	(0-20)	SW846 6020	12/10-12/13/10	MA3M71DK
		Dilution Factor: 1					
		Analysis Time..: 15:39			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	103	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71C9
	103	(75 - 125)	0.02	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71DA
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Thallium	95	(69 - 117)			SW846 6020	12/10-12/13/10	MA3M71DN
	97	(69 - 117)	3.0	(0-20)	SW846 6020	12/10-12/13/10	MA3M71DP
		Dilution Factor: 1					
		Analysis Time..: 15:39			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	104	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71DC
	104	(75 - 125)	0.13	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71DD
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Barium	107	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71A9
	107	(75 - 125)	0.01	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CA
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Selenium	109	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71DE
	109	(75 - 125)	0.02	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71DF
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	104	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CC
	104	(75 - 125)	0.11	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CD
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Calcium	98	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CE
	101	(75 - 125)	0.65	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CF
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Chromium	105	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CG
	105	(75 - 125)	0.28	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CH
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Cobalt	106	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CJ
	105	(75 - 125)	0.06	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CK
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Copper	108	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CL
	108	(75 - 125)	0.14	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CM
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Iron	109	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CN
	110	(75 - 125)	0.11	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CP
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Magnesium	106	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CQ
	106	(75 - 125)	0.20	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CR
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Manganese	110	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CT
	107	(75 - 125)	1.0	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CU
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Nickel	105	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CV
	105	(75 - 125)	0.24	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71CW
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	110	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71CX
	109	(75 - 125)	0.24	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71C0
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Silver	105	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71C1
	105	(75 - 125)	0.12	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71C2
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Sodium	106	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71C3
	106	(75 - 125)	0.11	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71C4
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Vanadium	104	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71C5
	104	(75 - 125)	0.01	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71C6
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Zinc	117	(75 - 125)			SW846 6010B	12/10-12/15/10	MA3M71C7
	111	(75 - 125)	4.5	(0-20)	SW846 6010B	12/10-12/15/10	MA3M71C8
		Dilution Factor: 1					
		Analysis Time..: 13:44			Instrument ID..: I6	Analyst ID.....: 000079	
Mercury	84	(69 - 134)			SW846 7470A	12/10-12/13/10	MA3M71DQ
	87	(69 - 134)	3.1	(0-20)	SW846 7470A	12/10-12/13/10	MA3M71DR
		Dilution Factor: 1					
		Analysis Time..: 14:48			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L090413-001 **Prep Batch #...:** 0344023									
Aluminum									
	ND	10000	9920	ug/L	99		SW846 6020	12/10-12/13/10	MA3M71DG
	ND	10000	10300	ug/L	103	3.7	SW846 6020	12/10-12/13/10	MA3M71DH
			Dilution Factor: 1						
			Analysis Time..: 15:39		Instrument ID..: I8		Analyst ID.....: 000079		
Antimony									
	ND	100	100	ug/L	100		SW846 6020	12/10-12/13/10	MA3M71DL
	ND	100	103	ug/L	103	2.6	SW846 6020	12/10-12/13/10	MA3M71DM
			Dilution Factor: 1						
			Analysis Time..: 15:39		Instrument ID..: I8		Analyst ID.....: 000079		
Arsenic									
	2.1	100	98.1	ug/L	96		SW846 6020	12/10-12/13/10	MA3M71DJ
	2.1	100	101	ug/L	99	2.8	SW846 6020	12/10-12/13/10	MA3M71DK
			Dilution Factor: 1						
			Analysis Time..: 15:39		Instrument ID..: I8		Analyst ID.....: 000079		
Cadmium									
	ND	50.0	51.7	ug/L	103		SW846 6010B	12/10-12/15/10	MA3M71C9
	ND	50.0	51.7	ug/L	103	0.02	SW846 6010B	12/10-12/15/10	MA3M71DA
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6		Analyst ID.....: 000079		
Thallium									
	ND	100	94.6	ug/L	95		SW846 6020	12/10-12/13/10	MA3M71DN
	ND	100	97.5	ug/L	97	3.0	SW846 6020	12/10-12/13/10	MA3M71DP
			Dilution Factor: 1						
			Analysis Time..: 15:39		Instrument ID..: I8		Analyst ID.....: 000079		
Lead									
	ND	500	518	ug/L	104		SW846 6010B	12/10-12/15/10	MA3M71DC
	ND	500	519	ug/L	104	0.13	SW846 6010B	12/10-12/15/10	MA3M71DD
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6		Analyst ID.....: 000079		
Barium									
	45.0	2000	2180	ug/L	107		SW846 6010B	12/10-12/15/10	MA3M71A9
	45.0	2000	2180	ug/L	107	0.01	SW846 6010B	12/10-12/15/10	MA3M71CA
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6		Analyst ID.....: 000079		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2180	ug/L	109		SW846 6010B	12/10-12/15/10	MA3M71DE
	ND	2000	2180	ug/L	109	0.02	SW846 6010B	12/10-12/15/10	MA3M71DF
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	
Beryllium									
	ND	50.0	52.0	ug/L	104		SW846 6010B	12/10-12/15/10	MA3M71CC
	ND	50.0	52.1	ug/L	104	0.11	SW846 6010B	12/10-12/15/10	MA3M71CD
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	
Calcium									
	129000	50000	178000	ug/L	98		SW846 6010B	12/10-12/15/10	MA3M71CE
	129000	50000	179000	ug/L	101	0.65	SW846 6010B	12/10-12/15/10	MA3M71CF
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	
Chromium									
	ND	200	210	ug/L	105		SW846 6010B	12/10-12/15/10	MA3M71CG
	ND	200	209	ug/L	105	0.28	SW846 6010B	12/10-12/15/10	MA3M71CH
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	
Cobalt									
	ND	500	528	ug/L	106		SW846 6010B	12/10-12/15/10	MA3M71CJ
	ND	500	527	ug/L	105	0.06	SW846 6010B	12/10-12/15/10	MA3M71CK
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	
Copper									
	ND	250	271	ug/L	108		SW846 6010B	12/10-12/15/10	MA3M71CL
	ND	250	271	ug/L	108	0.14	SW846 6010B	12/10-12/15/10	MA3M71CM
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	
Iron									
	958	1000	2050	ug/L	109		SW846 6010B	12/10-12/15/10	MA3M71CN
	958	1000	2060	ug/L	110	0.11	SW846 6010B	12/10-12/15/10	MA3M71CP
			Dilution Factor: 1						
			Analysis Time..: 13:44	Instrument ID..: I6				Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	17100	50000	70200	ug/L	106		SW846 6010B	12/10-12/15/10	MA3M71CQ
	17100	50000	70300	ug/L	106	0.20	SW846 6010B	12/10-12/15/10	MA3M71CR
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Manganese									
	516	500	1060	ug/L	110		SW846 6010B	12/10-12/15/10	MA3M71CT
	516	500	1050	ug/L	107	1.0	SW846 6010B	12/10-12/15/10	MA3M71CU
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Nickel									
	ND	500	527	ug/L	105		SW846 6010B	12/10-12/15/10	MA3M71CV
	ND	500	525	ug/L	105	0.24	SW846 6010B	12/10-12/15/10	MA3M71CW
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Potassium									
	1860	50000	56600	ug/L	110		SW846 6010B	12/10-12/15/10	MA3M71CX
	1860	50000	56500	ug/L	109	0.24	SW846 6010B	12/10-12/15/10	MA3M71C0
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Silver									
	ND	50.0	52.4	ug/L	105		SW846 6010B	12/10-12/15/10	MA3M71C1
	ND	50.0	52.5	ug/L	105	0.12	SW846 6010B	12/10-12/15/10	MA3M71C2
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Sodium									
	31300	50000	84300	ug/L	106		SW846 6010B	12/10-12/15/10	MA3M71C3
	31300	50000	84400	ug/L	106	0.11	SW846 6010B	12/10-12/15/10	MA3M71C4
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Vanadium									
	ND	500	520	ug/L	104		SW846 6010B	12/10-12/15/10	MA3M71C5
	ND	500	520	ug/L	104	0.01	SW846 6010B	12/10-12/15/10	MA3M71C6
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	583	ug/L	117		SW846 6010B	12/10-12/15/10	MA3M71C7
	ND	500	557	ug/L	111	4.5	SW846 6010B	12/10-12/15/10	MA3M71C8
			Dilution Factor: 1						
			Analysis Time..: 13:44		Instrument ID..: I6			Analyst ID.....: 000079	
Mercury									
	ND	1.0	0.84	ug/L	84		SW846 7470A	12/10-12/13/10	MA3M71DQ
	ND	1.0	0.87	ug/L	87	3.1	SW846 7470A	12/10-12/13/10	MA3M71DR
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-120810

General Chemistry

Lot-Sample #...: A0L090413-001 **Work Order #...:** MA3M7 **Matrix.....:** WG
Date Sampled...: 12/08/10 09:03 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**66.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**111**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-120810

General Chemistry

Lot-Sample #...: A0L090413-002 **Work Order #...:** MA3M8 **Matrix.....:** WG
Date Sampled...: 12/08/10 10:14 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.30 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362124**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**26.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**217**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362138**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810

General Chemistry

Lot-Sample #...: A0L090413-004 **Work Order #...:** MA3NQ **Matrix.....:** WG
Date Sampled...: 12/08/10 11:12 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**67.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.0072 B**	**0.010**	**mg/L**	**SW846 9012A**	**12/17/10**	**0352081**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**45.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-120810-D

General Chemistry

Lot-Sample #...: A0L090413-005 **Work Order #...:** MA3NV **Matrix.....:** WG
Date Sampled...: 12/08/10 11:20 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**67.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**45.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/23/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-120810

General Chemistry

Lot-Sample #...: A0L090413-006 **Work Order #...:** MA3NX **Matrix.....:** WG
Date Sampled...: 12/08/10 12:17 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/24/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**29.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**78.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-120810

General Chemistry

Lot-Sample #...: A0L090413-007 **Work Order #...:** MA3N1 **Matrix.....:** WG
Date Sampled...: 12/08/10 14:47 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/24/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**134**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-120810

General Chemistry

Lot-Sample #...: A0L090413-008 **Work Order #...:** MA3N2 **Matrix.....:** WG
Date Sampled...: 12/08/10 15:52 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/24/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**42.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362121**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**77.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-120810

General Chemistry

Lot-Sample #...: A0L090413-009 **Work Order #...:** MA3N3 **Matrix.....:** WG
Date Sampled...: 12/08/10 17:03 **Date Received..:** 12/09/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/24/10	0362124
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**324**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362121**
		Dilution Factor: 5		MDL.....: 0.50		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**60.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/24/10**	**0362138**
		Dilution Factor: 1		MDL.....: 0.12		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MCTJL1AA		MB Lot-Sample #:	A0L280000-124	
	ND	0.50	mg/L	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1				
Chloride		Work Order #: MCTJA1AA		MB Lot-Sample #:	A0L280000-121	
	ND	1.0	mg/L	MCAWW 300.0A	12/23/10	0362121
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MCJ2R1AA		MB Lot-Sample #:	A0L180000-081	
	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1				
Sulfate		Work Order #: MCTJ61AA		MB Lot-Sample #:	A0L280000-138	
	ND	1.0	mg/L	MCAWW 300.0A	12/23/10	0362138
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0L090413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCTJL1AC-LCS/MCTJL1AD-LCSD LCS Lot-Sample#: A0L280000-124					
	102	(90 - 110)			MCAWW 300.0A	12/23/10	0362124
	102	(90 - 110)	0.39	(0-20)	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1					
Chloride		WO#:MCTJA1AC-LCS/MCTJA1AD-LCSD LCS Lot-Sample#: A0L280000-121					
	108	(90 - 110)			MCAWW 300.0A	12/23/10	0362121
	108	(90 - 110)	0.05	(0-20)	MCAWW 300.0A	12/23/10	0362121
		Dilution Factor: 1					
Sulfate		WO#:MCTJ61AC-LCS/MCTJ61AD-LCSD LCS Lot-Sample#: A0L280000-138					
	100	(90 - 110)			MCAWW 300.0A	12/23/10	0362138
	101	(90 - 110)	0.39	(0-20)	MCAWW 300.0A	12/23/10	0362138
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0L090413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCTJL1AC-LCS/MCTJL1AD-LCSD LCS Lot-Sample#: A0L280000-124						
	10.0	10.2	mg/L	102		MCAWW 300.0A	12/23/10	0362124
	10.0	10.2	mg/L	102	0.39	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1						
Chloride		WO#:MCTJA1AC-LCS/MCTJA1AD-LCSD LCS Lot-Sample#: A0L280000-121						
	50.0	53.8	mg/L	108		MCAWW 300.0A	12/23/10	0362121
	50.0	53.8	mg/L	108	0.05	MCAWW 300.0A	12/23/10	0362121
		Dilution Factor: 1						
Sulfate		WO#:MCTJ61AC-LCS/MCTJ61AD-LCSD LCS Lot-Sample#: A0L280000-138						
	50.0	50.1	mg/L	100		MCAWW 300.0A	12/23/10	0362138
	50.0	50.3	mg/L	101	0.39	MCAWW 300.0A	12/23/10	0362138
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MCJ2R1AC	LCS Lot-Sample#: A0L180000-081		
	103	(69 - 118)	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MCJ2R1AC				LCS Lot-Sample#: A0L180000-081		
	0.39	0.41	mg/L	103	SW846 9012A	12/17/10	0352081
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WATER
Date Sampled...: 12/21/10 09:00 **Date Received..:** 12/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#: MCPN61C5-MS/MCPN61C6-MSD				MS Lot-Sample #: A0L220537-001	
	106	(80 - 120)			MCAWW 300.0A	12/23/10	0362121
	102	(80 - 120)	0.58	(0-20)	MCAWW 300.0A	12/23/10	0362121
		Dilution Factor: 2					
Cyanide, Total		WO#: MA6MK1DE-MS/MA6MK1DF-MSD				MS Lot-Sample #: A0L100487-005	
	99	(42 - 140)			SW846 9012A	12/17/10	0352081
	89	(42 - 140)	10	(0-20)	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WATER
Date Sampled...: 12/21/10 09:00 **Date Received..:** 12/22/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			WO#: MCPN61C5-MS/MCPN61C6-MSD				MS Lot-Sample #: A0L220537-001		
	275	50.0	328	mg/L	106		MCAWW 300.0A	12/23/10	0362121
	275	50.0	326	mg/L	102	0.58	MCAWW 300.0A	12/23/10	0362121
			Dilution Factor: 2						
Cyanide, Total			WO#: MA6MK1DE-MS/MA6MK1DF-MSD				MS Lot-Sample #: A0L100487-005		
	ND	0.040	0.040	mg/L	99		SW846 9012A	12/17/10	0352081
	ND	0.040	0.036	mg/L	89	10	SW846 9012A	12/17/10	0352081
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 11:12 **Date Received..:** 12/09/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MA3NQ1A9		MS Lot-Sample #: A0L090413-004	
	104	(80 - 120)	MCAWW 300.0A	12/23/10	0362124
		Dilution Factor: 1			
Sulfate		Work Order #...: MA3NQ1CA		MS Lot-Sample #: A0L090413-004	
	118	(80 - 120)	MCAWW 300.0A	12/23/10	0362138
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L090413 **Matrix.....:** WG
Date Sampled...: 12/08/10 11:12 **Date Received..:** 12/09/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MA3NQ1A9			MS Lot-Sample #: A0L090413-004		
	ND	10.0	10.4	mg/L	104	MCAWW 300.0A	12/23/10	0362124
			Dilution Factor: 1					
Sulfate			Work Order #...: MA3NQ1CA			MS Lot-Sample #: A0L090413-004		
	45.3	50.0	104	mg/L	118	MCAWW 300.0A	12/23/10	0362138
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
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END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A0L100487

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
1/6/2011 10:51 AM

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January 6, 2011

Table of Contents

Case Narrative	2
Executive Summary	8
Analytical Method Summary	12
Sample Summary	14
Shipping and Receiving Documents	16
GC/MS Volatile Data	21
GC/MS Semivolatile Data	42
Inorganic/Metals Data	70
General Chemistry Data	105
Total # of Pages in this Document	**121**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A0L100487

The following report contains the analytical results for six water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received December 10, 2010, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on December 29, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.9 and 3.2°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The matrix spike/matrix spike duplicate(s) for GW-WTB4-120910 had RPD's outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP Trace or ICP MS Form IX provided for batch(es) 0347016. The serial dilutions were performed on a different sample from the same QC batch(es).

CASE NARRATIVE (continued)

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for GW-WTB4-120910 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0L100487

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT118B-120910 12/09/10 09:17 001				
Arsenic	2.8	1.0	ug/L	SW846 6020
Thallium	0.18 B	1.0	ug/L	SW846 6020
Barium	60.0 B,J	200	ug/L	SW846 6010B
Calcium	173000 J	5000	ug/L	SW846 6010B
Iron	6020	100	ug/L	SW846 6010B
Magnesium	20500	5000	ug/L	SW846 6010B
Manganese	142	15.0	ug/L	SW846 6010B
Potassium	3730 B,J	5000	ug/L	SW846 6010B
Sodium	23000	5000	ug/L	SW846 6010B
Zinc	19.0 B	20.0	ug/L	SW846 6010B
Vinyl chloride	0.44 J	1.0	ug/L	SW846 8260B
Chloride	32.2	1.0	mg/L	MCAWW 300.0A
Sulfate	212	2.0	mg/L	MCAWW 300.0A
GW-WT111A-120910 12/09/10 10:23 002				
Aluminum	206	50.0	ug/L	SW846 6020
Arsenic	7.4	1.0	ug/L	SW846 6020
Antimony	0.22 B	2.0	ug/L	SW846 6020
Barium	105 B,J	200	ug/L	SW846 6010B
Calcium	289000 J	5000	ug/L	SW846 6010B
Cobalt	2.9 B	50.0	ug/L	SW846 6010B
Iron	2890	100	ug/L	SW846 6010B
Magnesium	21300	5000	ug/L	SW846 6010B
Manganese	856	15.0	ug/L	SW846 6010B
Potassium	4570 B,J	5000	ug/L	SW846 6010B
Sodium	38900	5000	ug/L	SW846 6010B
Vanadium	4.7 B	50.0	ug/L	SW846 6010B
Benzene	0.72 J	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	0.56 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	5.2	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.76 J	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	0.19 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.33 J	1.0	ug/L	SW846 8260B
Chloride	25.5	1.0	mg/L	MCAWW 300.0A
Sulfate	408	5.0	mg/L	MCAWW 300.0A
Bromide	0.62	0.50	mg/L	MCAWW 300.0A
TRIP BLANK-120910-3 12/09/10 10:35 003				
Acetone	1.2 J	10	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	0.29 J,B	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L100487

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT103A-120910 12/09/10 11:38 004				
Aluminum	157	50.0	ug/L	SW846 6020
Arsenic	1.5	1.0	ug/L	SW846 6020
Barium	59.5 B,J	200	ug/L	SW846 6010B
Calcium	129000 J	5000	ug/L	SW846 6010B
Iron	1540	100	ug/L	SW846 6010B
Magnesium	24200	5000	ug/L	SW846 6010B
Manganese	276	15.0	ug/L	SW846 6010B
Potassium	2370 B,J	5000	ug/L	SW846 6010B
Sodium	17400	5000	ug/L	SW846 6010B
Carbon disulfide	0.47 J	1.0	ug/L	SW846 8260B
Chloride	31.8	1.0	mg/L	MCAWW 300.0A
Sulfate	285	2.0	mg/L	MCAWW 300.0A
GW-WTB4-120910 12/09/10 14:12 005				
Arsenic	0.77 B	1.0	ug/L	SW846 6020
Barium	41.5 B,J	200	ug/L	SW846 6010B
Calcium	66500 J	5000	ug/L	SW846 6010B
Iron	644	100	ug/L	SW846 6010B
Magnesium	22100	5000	ug/L	SW846 6010B
Manganese	202	15.0	ug/L	SW846 6010B
Potassium	767 B,J	5000	ug/L	SW846 6010B
Sodium	4080 B	5000	ug/L	SW846 6010B
Zinc	7.3 B	20.0	ug/L	SW846 6010B
Carbon disulfide	1.4	1.0	ug/L	SW846 8260B
Vinyl chloride	0.44 J	1.0	ug/L	SW846 8260B
Chloride	35.7	1.0	mg/L	MCAWW 300.0A
Sulfate	31.5	1.0	mg/L	MCAWW 300.0A
GW-WTB3-120910 12/09/10 15:23 006				
Arsenic	5.3	1.0	ug/L	SW846 6020
Thallium	0.35 B	1.0	ug/L	SW846 6020
Barium	70.8 B,J	200	ug/L	SW846 6010B
Calcium	79300 J	5000	ug/L	SW846 6010B
Iron	531	100	ug/L	SW846 6010B
Magnesium	22500	5000	ug/L	SW846 6010B
Manganese	350	15.0	ug/L	SW846 6010B
Potassium	1140 B,J	5000	ug/L	SW846 6010B
Sodium	15000	5000	ug/L	SW846 6010B
2-Butanone	0.75 J	10	ug/L	SW846 8260B
Carbon disulfide	1.1	1.0	ug/L	SW846 8260B
Chloride	56.4	1.0	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L100487

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WTB3-120910 12/09/10 15:23 006				
Sulfate	57.4	1.0	mg/L	MCAWW 300.0A
GW-WTB1-120910 12/09/10 16:24 007				
Arsenic	0.52 B	1.0	ug/L	SW846 6020
Barium	158 B,J	200	ug/L	SW846 6010B
Calcium	53200 J	5000	ug/L	SW846 6010B
Iron	599	100	ug/L	SW846 6010B
Magnesium	22300	5000	ug/L	SW846 6010B
Manganese	40.7	15.0	ug/L	SW846 6010B
Nickel	12.7 B	40.0	ug/L	SW846 6010B
Potassium	2140 B,J	5000	ug/L	SW846 6010B
Sodium	58700	5000	ug/L	SW846 6010B
Zinc	31.6	20.0	ug/L	SW846 6010B
Chloride	66.7	1.0	mg/L	MCAWW 300.0A
Bromide	0.16 B	0.50	mg/L	MCAWW 300.0A

TestAmerica
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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0L100487

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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SAMPLE SUMMARY

SAMPLE SUMMARY

A0L100487

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MA6LF	001	GW-WT118B-120910	12/09/10	09:17
MA6L7	002	GW-WT111A-120910	12/09/10	10:23
MA6MC	003	TRIP BLANK-120910-3	12/09/10	10:35
MA6ME	004	GW-WT103A-120910	12/09/10	11:38
MA6MK	005	GW-WTB4-120910	12/09/10	14:12
MA6MQ	006	GW-WTB3-120910	12/09/10	15:23
MA6MR	007	GW-WTB1-120910	12/09/10	16:24

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CRA
CONESTOGA–ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278 (317) 291-7007

CHAIN OF CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA – North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ PRINTED NAME: Tim Prange

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE MATRIX	No. OF CONTAINERS	VOCs	SVOCs	TAL Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	12/9/10	917	GW-WT718B-120910	Water	6	X		X	X	X	X	X	
2		1023	GW-WT111A-120910		6	X		X	X	X	X	X	
3		1035	TRIP BLANK-120910-3		1	X							
4		1138	GW-WT103A-120910		6	X		X	X	X	X	X	
5		1412	GW-WT04-120910		15	X		X	X	X	X	X	MS/MSD
6		1523	GW-WT83-120910		6	X		X	X	X	X	X	
7	12/9/10	1624	GW-WT81-120910	Water	8	X	X	X	X	X	X	X	
			TOTAL NUMBER OF CONTAINERS		48								

RELINQUISHED BY: ① Tim Prange	DATE: 12/9/10 TIME: 1730	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx AIR BILL No. 8724 2398 3920

White –Fully Executed Copy
Yellow –Receiving Laboratory Copy
Pink –Shipper Copy
Goldenrod –Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn M. Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 12-10-10 TIME: 1000

1833

1CG1(FORMS)–OCT 24/96–REV.0–(C)(F-01)

17

North Canton

CRA
CONESTOGA–ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278 (317) 291-7007

CHAIN OF CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ PRINTED NAME: Tim Prange

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: 8WQ4	REMARKS
1	12/9/10	917	GW-WT118B-120910	Water	2	X	
2		1023	GW-WT111A-120910		2	X	
3		1138	GW-WT103A-120910		2	X	
4		1412	GW-WTB4-120910		4	X	MS/MSD
5	12/9/10	1523	GW-WTB3-120910	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: ① _____	DATE: 12/9/10 TIME: 1730	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx AIR BILL No. 8724 2398 3920

White –Fully Executed Copy
Yellow –Receiving Laboratory Copy
Pink –Shipper Copy
Goldenrod –Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn M. Miller

RECEIVED FOR LABORATORY BY: _____
DATE: 12-10-10 TIME: 1000

1831

1001(FORMS)–OCT 24/96–REV.0–(C)(F–01)

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 400L100487

North Canton Facility

Client CRA Project Himco By: (Signature)

Cooler Received on 12-10-10 Opened on 12-10-10

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other

TestAmerica Cooler # Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 4 Quantity Unsalvageable
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions?
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☐ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☐ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other
6. Cooler temperature upon receipt °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ BACK
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM Date by via Verbal ☐ Voice Mail ☐ Other ☐

Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 051010-HNO_3; *Sulfuric Acid Lot#* 051010-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN$/*NaOH.* What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
118	<2 7 12		
111	<2 7 12		
103	<2 7 12		
TB4	<2 2 7 12 7 12		
TB3	<2 7 12		
TB1	<2 7 12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
L488	3.2	IR	Ice
A647	2.9	1	1

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-001 **Work Order #...:** MA6LF1AA **Matrix.....:** WG
Date Sampled...: 12/09/10 09:17 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-001 **Work Order #...:** MA6LF1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.44 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
Toluene-d8	94	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-002 **Work Order #...:** MA6L71AL **Matrix.....:** WG
Date Sampled...: 12/09/10 10:23 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**0.72 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**0.56 J**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**5.2**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.76 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	**0.19 J**	**1.0**	**ug/L**	**0.18**
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-002 **Work Order #...:** MA6L71AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.33 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	95	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-120910-3

GC/MS Volatiles

Lot-Sample #...: A0L100487-003 **Work Order #...:** MA6MC1AA **Matrix.....:** WQ
Date Sampled...: 12/09/10 10:35 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.2 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-120910-3

GC/MS Volatiles

Lot-Sample #...: A0L100487-003 **Work Order #...:** MA6MC1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	**0.29 J,B**	**1.0**	**ug/L**	**0.15**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	95	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-004 **Work Order #...:** MA6ME1AL **Matrix.....:** WG
Date Sampled...: 12/09/10 11:38 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.47 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-004 **Work Order #...:** MA6ME1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	91	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-005 **Work Order #...:** MA6MK1AL **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**1.4**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-005 **Work Order #...:** MA6MK1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.44 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	98	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-006 **Work Order #...:** MA6MQ1AL **Matrix.....:** WG
Date Sampled...: 12/09/10 15:23 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**0.75 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	**1.1**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-006 **Work Order #...:** MA6MQ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	85	(63 - 129)
Toluene-d8	91	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-007 **Work Order #...:** MA6MR1AL **Matrix.....:** WG
Date Sampled...: 12/09/10 16:24 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

GC/MS Volatiles

Lot-Sample #...: A0L100487-007 **Work Order #...:** MA6MR1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L100487 **Work Order #...:** MCE021AA **Matrix.....:** WATER
MB Lot-Sample #: A0L160000-125

Prep Date.....: 12/15/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/15/10 **Prep Batch #...:** 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L100487 **Work Order #...:** MCE021AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.26 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	94	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L100487 **Work Order #...:** MCE021AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L160000-125 MCE021AD-LCSD
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**93**	**(83 - 112)**			**SW846 8260B**
	102	**(83 - 112)**	**8.7**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**87**	**(85 - 110)**			**SW846 8260B**
	97	**(85 - 110)**	**10**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**95**	**(78 - 131)**			**SW846 8260B**
	100	**(78 - 131)**	**5.1**	**(0-30)**	**SW846 8260B**
Toluene	**93**	**(84 - 111)**			**SW846 8260B**
	100	**(84 - 111)**	**7.2**	**(0-30)**	**SW846 8260B**
Trichloroethene	**90**	**(76 - 117)**			**SW846 8260B**
	97	**(76 - 117)**	**8.1**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(75 - 121)
	94	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
	83	(63 - 129)
Toluene-d8	99	(74 - 115)
	97	(74 - 115)
4-Bromofluorobenzene	103	(66 - 117)
	100	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L100487 **Work Order #...:** MCE021AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L160000-125 MCE021AD-LCSD
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**10**	**ug/L**	**102**	**8.7**	**SW846 8260B**
Chlorobenzene	**10**	**8.7**	**ug/L**	**87**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**10**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**5.1**	**SW846 8260B**
Toluene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**7.2**	**SW846 8260B**
Trichloroethene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**8.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(75 - 121)
	94	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
	83	(63 - 129)
Toluene-d8	99	(74 - 115)
	97	(74 - 115)
4-Bromofluorobenzene	103	(66 - 117)
	100	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L100487 **Work Order #...:** MA6MK1DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0L100487-005 MA6MK1DH-MSD
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**101**	**(72 - 121)**			**SW846 8260B**
	99	**(72 - 121)**	**2.1**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 110)**			**SW846 8260B**
	91	**(80 - 110)**	**3.1**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**110**	**(74 - 135)**			**SW846 8260B**
	105	**(74 - 135)**	**4.8**	**(0-30)**	**SW846 8260B**
Toluene	**101**	**(78 - 114)**			**SW846 8260B**
	97	**(78 - 114)**	**4.5**	**(0-30)**	**SW846 8260B**
Trichloroethene	**97**	**(66 - 120)**			**SW846 8260B**
	95	**(66 - 120)**	**1.8**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	97	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
	80	(63 - 129)
Toluene-d8	99	(74 - 115)
	98	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L100487 **Work Order #...:** MA6MK1DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0L100487-005 MA6MK1DH-MSD
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0350125
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**2.1**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**3.1**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**11**	**ug/L**	**110**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**105**	**4.8**	**SW846 8260B**
Toluene	**ND**	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**4.5**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**1.8**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	97	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
	80	(63 - 129)
Toluene-d8	99	(74 - 115)
	98	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-001 **Work Order #...:** MA6LF1AC **Matrix.....:** WG
Date Sampled...: 12/09/10 09:17 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-001 **Work Order #...:** MA6LF1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-001 **Work Order #...:** MA6LF1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	61	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	52	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-002 **Work Order #...:** MA6L71AM **Matrix.....:** WG
Date Sampled...: 12/09/10 10:23 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-002 **Work Order #...:** MA6L71AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-002 **Work Order #...:** MA6L71AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	55	(37 - 119)
Phenol-d5	69	(10 - 110)
2-Fluorophenol	67	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-004 **Work Order #...:** MA6ME1AM **Matrix.....:** WG
Date Sampled...: 12/09/10 11:38 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0345015
Dilution Factor: 2.5 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.50	ug/L	0.25
Acenaphthylene	ND	0.50	ug/L	0.25
Acetophenone	ND	2.5	ug/L	0.85
Anthracene	ND	0.50	ug/L	0.25
Atrazine	ND	2.5	ug/L	0.85
Benzo(a)anthracene	ND	0.50	ug/L	0.25
Benzo(a)pyrene	ND	0.50	ug/L	0.25
Benzo(b)fluoranthene	ND	0.50	ug/L	0.25
Benzo(ghi)perylene	ND	0.50	ug/L	0.25
Benzo(k)fluoranthene	ND	0.50	ug/L	0.25
Benzaldehyde	ND	2.5	ug/L	0.98
1,1'-Biphenyl	ND	2.5	ug/L	2.0
bis(2-Chloroethoxy) methane	ND	2.5	ug/L	0.80
bis(2-Chloroethyl)-ether	ND	2.5	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	2.0
4-Bromophenyl phenyl ether	ND	5.0	ug/L	2.0
Butyl benzyl phthalate	ND	2.5	ug/L	2.0
Caprolactam	ND	12	ug/L	2.0
Carbazole	ND	2.5	ug/L	0.70
4-Chloroaniline	ND	5.0	ug/L	2.0
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.0
2-Chloronaphthalene	ND	2.5	ug/L	0.25
2-Chlorophenol	ND	2.5	ug/L	0.72
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	0.75
Chrysene	ND	0.50	ug/L	0.25
Dibenz(a,h)anthracene	ND	0.50	ug/L	0.25
Dibenzofuran	ND	2.5	ug/L	0.25
3,3'-Dichlorobenzidine	ND	12	ug/L	0.92
2,4-Dichlorophenol	ND	5.0	ug/L	2.0
Diethyl phthalate	ND	2.5	ug/L	1.5
2,4-Dimethylphenol	ND	5.0	ug/L	2.0
Dimethyl phthalate	ND	2.5	ug/L	0.72
Di-n-butyl phthalate	ND	2.5	ug/L	1.7

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-004 **Work Order #...:** MA6ME1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	12	ug/L	6.0
2,4-Dinitrophenol	ND	12	ug/L	6.0
2,4-Dinitrotoluene	ND	12	ug/L	0.68
2,6-Dinitrotoluene	ND	12	ug/L	2.0
Di-n-octyl phthalate	ND	2.5	ug/L	2.0
Fluoranthene	ND	0.50	ug/L	0.25
Fluorene	ND	0.50	ug/L	0.25
Hexachlorobenzene	ND	0.50	ug/L	0.25
Hexachlorobutadiene	ND	2.5	ug/L	0.68
Hexachlorocyclopenta-diene	ND	25	ug/L	2.0
Hexachloroethane	ND	2.5	ug/L	2.0
Indeno(1,2,3-cd)pyrene	ND	0.50	ug/L	0.25
Isophorone	ND	2.5	ug/L	0.68
2-Methylnaphthalene	ND	0.50	ug/L	0.25
2-Methylphenol	ND	2.5	ug/L	2.0
4-Methylphenol	ND	2.5	ug/L	2.0
Naphthalene	ND	0.50	ug/L	0.25
2-Nitroaniline	ND	5.0	ug/L	2.0
3-Nitroaniline	ND	5.0	ug/L	0.70
4-Nitroaniline	ND	5.0	ug/L	2.0
Nitrobenzene	ND	2.5	ug/L	0.10
2-Nitrophenol	ND	5.0	ug/L	0.70
4-Nitrophenol	ND	12	ug/L	6.0
N-Nitrosodi-n-propyl-amine	ND	2.5	ug/L	2.0
N-Nitrosodiphenylamine	ND	2.5	ug/L	0.78
2,2'-oxybis (1-Chloropropane)	ND	2.5	ug/L	1.0
Pentachlorophenol	ND	12	ug/L	6.0
Phenanthrene	ND	0.50	ug/L	0.25
Phenol	ND	2.5	ug/L	1.5
Pyrene	ND	0.50	ug/L	0.25
2,4,5-Trichloro-phenol	ND	12	ug/L	0.75
2,4,6-Trichloro-phenol	ND	12	ug/L	2.0

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-004 **Work Order #...:** MA6ME1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62 DIL	(27 - 111)
2-Fluorobiphenyl	60 DIL	(28 - 110)
Terphenyl-d14	78 DIL	(37 - 119)
Phenol-d5	65 DIL	(10 - 110)
2-Fluorophenol	63 DIL	(10 - 110)
2,4,6-Tribromophenol	71 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-005 **Work Order #...:** MA6MK1AM **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-005 **Work Order #...:** MA6MK1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-005 **Work Order #...:** MA6MK1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	66	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-006 **Work Order #...:** MA6MQ1AM **Matrix.....:** WG
Date Sampled...: 12/09/10 15:23 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-006 **Work Order #...:** MA6MQ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-006 **Work Order #...:** MA6MQ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	82	(37 - 119)
Phenol-d5	67	(10 - 110)
2-Fluorophenol	65	(10 - 110)
2,4,6-Tribromophenol	77	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-007 **Work Order #...:** MA6MR1AM **Matrix.....:** WG
Date Sampled...: 12/09/10 16:24 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-007 **Work Order #...:** MA6MR1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

GC/MS Semivolatiles

Lot-Sample #...: A0L100487-007 **Work Order #...:** MA6MR1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	49	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA74L1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L110000-015

Prep Date.....: 12/11/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/16/10 **Prep Batch #...:** 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA74L1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
Terphenyl-d14	77	(37 - 119)
Phenol-d5	61	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	60	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA74L1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA74L1AC **Matrix.....:** WATER
LCS Lot-Sample#: A0L110000-015
Prep Date.....: 12/11/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**72**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**59**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**60**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**73**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**71**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**79**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**80**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**70**	**(26 - 110)**	**SW846 8270C**
Phenol	**73**	**(14 - 112)**	**SW846 8270C**
Pyrene	**69**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	70	(10 - 110)
2-Fluorophenol	72	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA74L1AC **Matrix.....:** WATER
LCS Lot-Sample#: A0L110000-015
Prep Date.....: 12/11/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**14**	**ug/L**	**72**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**59**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**16**	**ug/L**	**79**	**SW846 8270C**
4-Nitrophenol	**20**	**16**	**ug/L**	**80**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**74**	**SW846 8270C**
Pentachlorophenol	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
Phenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**69**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	70	(10 - 110)
2-Fluorophenol	72	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA6MK1DJ-MS **Matrix.....:** WG
MS Lot-Sample #: A0L100487-005 MA6MK1DK-MSD
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**63**	**(36 - 110)**			**SW846 8270C**
	65	**(36 - 110)**	**3.3**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**44**	**(25 - 110)**			**SW846 8270C**
	50	**(25 - 110)**	**13**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**44**	**(17 - 110)**			**SW846 8270C**
	48	**(17 - 110)**	**7.2**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**68**	**(33 - 110)**			**SW846 8270C**
	71	**(33 - 110)**	**4.9**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**55**	**(26 - 110)**			**SW846 8270C**
	65	**(26 - 110)**	**17**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**72**	**(46 - 119)**			**SW846 8270C**
	77	**(46 - 119)**	**6.8**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**67**	**(13 - 127)**			**SW846 8270C**
	68	**(13 - 127)**	**1.8**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**63**	**(25 - 119)**			**SW846 8270C**
	77	**(25 - 119)**	**20**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**32**	**(23 - 110)**			**SW846 8270C**
	46 p	**(23 - 110)**	**35**	**(0-30)**	**SW846 8270C**
Phenol	**58**	**(16 - 110)**			**SW846 8270C**
	67	**(16 - 110)**	**16**	**(0-30)**	**SW846 8270C**
Pyrene	**70**	**(54 - 115)**			**SW846 8270C**
	67	**(54 - 115)**	**4.7**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
	64	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	76	(37 - 119)
	78	(37 - 119)
Phenol-d5	55	(10 - 110)
	68	(10 - 110)
2-Fluorophenol	51	(10 - 110)
	65	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA6MK1DJ-MS **Matrix.....:** WG
MS Lot-Sample #: A0L100487-005 MA6MK1DK-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	57	(22 - 120)
	66	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA6MK1DJ-MS **Matrix.....:** WG
MS Lot-Sample #: A0L100487-005 MA6MK1DK-MSD
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10
Prep Date.....: 12/11/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0345015
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**39**	**25**	**ug/L**	**63**		**SW846 8270C**
	ND	**39**	**26**	**ug/L**	**65**	**3.3**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**39**	**17**	**ug/L**	**44**		**SW846 8270C**
	ND	**39**	**19**	**ug/L**	**50**	**13**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**39**	**17**	**ug/L**	**44**		**SW846 8270C**
	ND	**39**	**19**	**ug/L**	**48**	**7.2**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**39**	**27**	**ug/L**	**68**		**SW846 8270C**
	ND	**39**	**28**	**ug/L**	**71**	**4.9**	**SW846 8270C**
2-Chlorophenol	**ND**	**39**	**21**	**ug/L**	**55**		**SW846 8270C**
	ND	**39**	**25**	**ug/L**	**65**	**17**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**39**	**28**	**ug/L**	**72**		**SW846 8270C**
	ND	**39**	**30**	**ug/L**	**77**	**6.8**	**SW846 8270C**
4-Nitrophenol	**ND**	**39**	**26**	**ug/L**	**67**		**SW846 8270C**
	ND	**39**	**27**	**ug/L**	**68**	**1.8**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**39**	**25**	**ug/L**	**63**		**SW846 8270C**
	ND	**39**	**30**	**ug/L**	**77**	**20**	**SW846 8270C**
Pentachlorophenol	**ND**	**39**	**13**	**ug/L**	**32**		**SW846 8270C**
	ND	**39**	**18**	**ug/L**	**46 p**	**35**	**SW846 8270C**
Phenol	**ND**	**39**	**23**	**ug/L**	**58**		**SW846 8270C**
	ND	**39**	**26**	**ug/L**	**67**	**16**	**SW846 8270C**
Pyrene	**ND**	**39**	**27**	**ug/L**	**70**		**SW846 8270C**
	ND	**39**	**26**	**ug/L**	**67**	**4.7**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
	64	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	76	(37 - 119)
	78	(37 - 119)
Phenol-d5	55	(10 - 110)
	68	(10 - 110)
2-Fluorophenol	51	(10 - 110)
	65	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L100487 **Work Order #...:** MA6MK1DJ-MS **Matrix.....:** WG
MS Lot-Sample #: A0L100487-005 MA6MK1DK-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	57	(22 - 120)
	66	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

TOTAL Metals

Lot-Sample #...: A0L100487-001 **Matrix.....:** WG
Date Sampled...: 12/09/10 09:17 **Date Received..:** 12/10/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0347016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/13-12/20/10	MA6LF1A0
		Dilution Factor: 1		Analysis Time..: 23:54	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.8**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6LF1A1**
		Dilution Factor: 1		Analysis Time..: 23:54	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AV
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/13-12/20/10	MA6LF1A2
		Dilution Factor: 1		Analysis Time..: 23:54	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.18 B**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6LF1A3**
		Dilution Factor: 1		Analysis Time..: 23:54	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AW
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**60.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AD**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AX
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AE
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**173000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AF**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

TOTAL Metals

Lot-Sample #...: A0L100487-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AG
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AH
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AJ
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**6020**	**100**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AK**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**20500**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AL**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**142**	**15.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AM**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AN
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3730 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AP**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AQ
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**23000**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AR**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

TOTAL Metals

Lot-Sample #...: A0L100487-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6LF1AT
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**19.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6LF1AU**
		Dilution Factor: 1		Analysis Time..: 19:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/15/10	MA6LF1A4
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

TOTAL Metals

Lot-Sample #...: A0L100487-002 **Matrix.....:** WG
Date Sampled...: 12/09/10 10:23 **Date Received..:** 12/10/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0347016						
Aluminum	**206**	**50.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6L71AA**
		Dilution Factor: 1		Analysis Time..: 23:59	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**7.4**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6L71AC**
		Dilution Factor: 1		Analysis Time..: 23:59	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71A6
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.22 B**	**2.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6L71AD**
		Dilution Factor: 1		Analysis Time..: 23:59	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/13-12/20/10	MA6L71AE
		Dilution Factor: 1		Analysis Time..: 23:59	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71A7
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**105 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71AN**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71A8
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71AP
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**289000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71AQ**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

TOTAL Metals

Lot-Sample #...: A0L100487-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71AR
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**2.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71AT**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71AU
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**2890**	**100**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71AV**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**21300**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71AW**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**856**	**15.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71AX**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71A0
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**4570 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71A1**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71A2
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**38900**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71A3**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

TOTAL Metals

Lot-Sample #...: A0L100487-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**4.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6L71A4**
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/13-12/20/10	MA6L71A5
		Dilution Factor: 1		Analysis Time..: 19:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/14/10	MA6L71AF
		Dilution Factor: 1		Analysis Time..: 18:57	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

TOTAL Metals

Lot-Sample #...: A0L100487-004 **Matrix.....:** WG
Date Sampled...: 12/09/10 11:38 **Date Received..:** 12/10/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0347016						
Aluminum	**157**	**50.0**	**ug/L**	**SW846 6020**	**12/13-12/21/10**	**MA6ME1AA**
		Dilution Factor: 1		Analysis Time..: 00:04	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.5**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/21/10**	**MA6ME1AC**
		Dilution Factor: 1		Analysis Time..: 00:04	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A6
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/13-12/21/10	MA6ME1AD
		Dilution Factor: 1		Analysis Time..: 00:04	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/13-12/21/10	MA6ME1AE
		Dilution Factor: 1		Analysis Time..: 00:04	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A7
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**59.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1AN**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A8
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1AP
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**129000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1AQ**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

TOTAL Metals

Lot-Sample #...: A0L100487-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1AR
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1AT
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1AU
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1540**	**100**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1AV**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**24200**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1AW**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**276**	**15.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1AX**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A0
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2370 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1A1**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A2
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6ME1A3**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

TOTAL Metals

Lot-Sample #...: A0L100487-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A4
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/13-12/20/10	MA6ME1A5
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/14/10	MA6ME1AF
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

TOTAL Metals

Lot-Sample #...: A0L100487-005 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0347016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/13-12/21/10	MA6MK1AA
		Dilution Factor: 1		Analysis Time..: 00:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.77 B**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/21/10**	**MA6MK1AC**
		Dilution Factor: 1		Analysis Time..: 00:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1A6
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/13-12/21/10	MA6MK1AD
		Dilution Factor: 1		Analysis Time..: 00:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/13-12/21/10	MA6MK1AE
		Dilution Factor: 1		Analysis Time..: 00:20	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1A7
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**41.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1AN**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1A8
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1AP
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**66500 J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1AQ**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

TOTAL Metals

Lot-Sample #...: A0L100487-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1AR
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1AT
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1AU
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**644**	**100**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1AV**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**22100**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1AW**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**202**	**15.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1AX**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1A0
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**767 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1A1**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1A2
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**4080 B**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1A3**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

TOTAL Metals

Lot-Sample #...: A0L100487-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MK1A4
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**7.3 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MK1A5**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/14/10	MA6MK1AF
		Dilution Factor: 1		Analysis Time..: 18:30	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

TOTAL Metals

Lot-Sample #...: A0L100487-006 **Matrix.....:** WG
Date Sampled...: 12/09/10 15:23 **Date Received..:** 12/10/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0347016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/13-12/20/10	MA6MQ1AA
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**5.3**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6MQ1AC**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A6
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/13-12/20/10	MA6MQ1AD
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.35 B**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6MQ1AE**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A7
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**70.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1AN**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A8
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1AP
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**79300 J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1AQ**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

TOTAL Metals

Lot-Sample #...: A0L100487-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1AR
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1AT
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1AU
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**531**	**100**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1AV**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**22500**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1AW**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**350**	**15.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1AX**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A0
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1140 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1A1**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A2
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**15000**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MQ1A3**
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

TOTAL Metals

Lot-Sample #...: A0L100487-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A4
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MQ1A5
		Dilution Factor: 1		Analysis Time..: 20:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/14/10	MA6MQ1AF
		Dilution Factor: 1		Analysis Time..: 18:56	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

TOTAL Metals

Lot-Sample #...: A0L100487-007 **Matrix.....:** WG
Date Sampled...: 12/09/10 16:24 **Date Received..:** 12/10/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0347016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/13-12/20/10	MA6MR1AA
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.52 B**	**1.0**	**ug/L**	**SW846 6020**	**12/13-12/20/10**	**MA6MR1AC**
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1A6
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/13-12/20/10	MA6MR1AD
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/13-12/20/10	MA6MR1AE
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1A7
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**158 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1AN**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1A8
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1AP
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**53200 J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1AQ**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

TOTAL Metals

Lot-Sample #...: A0L100487-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1AR
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1AT
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1AU
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**599**	**100**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1AV**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**22300**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1AW**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**40.7**	**15.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1AX**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**12.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1A0**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2140 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1A1**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1A2
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**58700**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1A3**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

TOTAL Metals

Lot-Sample #...: A0L100487-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA6MR1A4
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**31.6**	**20.0**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA6MR1A5**
		Dilution Factor: 1		Analysis Time..: 20:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/14/10	MA6MR1AF
		Dilution Factor: 1		Analysis Time..: 19:01	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0L130000-016 **Prep Batch #...:** 0347016						
Aluminum	ND	50.0	ug/L	SW846 6020	12/13-12/20/10	MA8P91AA
		Dilution Factor: 1				
		Analysis Time..: 11:47	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	12/13-12/20/10	MA8P91AD
		Dilution Factor: 1				
		Analysis Time..: 11:47	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	12/13-12/20/10	MA8P91AC
		Dilution Factor: 1				
		Analysis Time..: 11:47	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91A0
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	12/13-12/20/10	MA8P91AE
		Dilution Factor: 1				
		Analysis Time..: 11:47	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91A1
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**0.84 B**	**200**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA8P91AG**
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91A2
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AH
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**169 B**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA8P91AJ**
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AK
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AL
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Copper	ND	25.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AM
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Iron	ND	100	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AN
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Magnesium	ND	5000	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AP
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Manganese	ND	15.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AQ
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AR
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Potassium	**128 B**	**5000**	**ug/L**	**SW846 6010B**	**12/13-12/20/10**	**MA8P91AT**
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Silver	ND	10.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AU
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Sodium	ND	5000	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AV
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AW
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Zinc	ND	20.0	ug/L	SW846 6010B	12/13-12/20/10	MA8P91AX
		Dilution Factor: 1				
		Analysis Time..: 17:42	Analyst ID.....: 001637		Instrument ID..: I6	
Mercury	ND	0.20	ug/L	SW846 7470A	12/13-12/14/10	MA8P91AF
		Dilution Factor: 1				
		Analysis Time..: 18:23	Analyst ID.....: 001576		Instrument ID..: H4	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L130000-016 **Prep Batch #...:** 0347016					
Aluminum	94	(80 - 120)	SW846 6020	12/13-12/20/10	MA8P91A3
		Dilution Factor: 1	Analysis Time..: 11:52	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	93	(80 - 120)	SW846 6020	12/13-12/20/10	MA8P91A4
		Dilution Factor: 1	Analysis Time..: 11:52	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	92	(80 - 120)	SW846 6020	12/13-12/20/10	MA8P91A5
		Dilution Factor: 1	Analysis Time..: 11:52	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	86	(80 - 120)	SW846 6020	12/13-12/20/10	MA8P91A6
		Dilution Factor: 1	Analysis Time..: 11:52	Analyst ID.....: 000079	
		Instrument ID..: I8			
Cadmium	91	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CQ
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	92	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CR
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	94	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91A8
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	93	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CT
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	93	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91A9
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	93	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CA
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	90	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CC
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	92	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CD
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	91	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CE
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	95	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CF
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	93	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CG
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	93	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CH
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	94	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CJ
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	96	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CK
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	90	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CL
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	91	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CM
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	91	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CN
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	96	(80 - 120)	SW846 6010B	12/13-12/20/10	MA8P91CP
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Mercury	97	(81 - 123)	SW846 7470A	12/13-12/14/10	MA8P91A7
		Dilution Factor: 1	Analysis Time..: 18:25	Analyst ID.....: 001576	
		Instrument ID..: H4			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L130000-016 **Prep Batch #...:** 0347016							
Aluminum	10000	9400	ug/L	94	SW846 6020	12/13-12/20/10	MA8P91A3
			Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	92.9	ug/L	93	SW846 6020	12/13-12/20/10	MA8P91A4
			Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	91.5	ug/L	92	SW846 6020	12/13-12/20/10	MA8P91A5
			Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	85.6	ug/L	86	SW846 6020	12/13-12/20/10	MA8P91A6
			Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 000079	
			Instrument ID..: I8				
Cadmium	50.0	45.4	ug/L	91	SW846 6010B	12/13-12/20/10	MA8P91CQ
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	500	461	ug/L	92	SW846 6010B	12/13-12/20/10	MA8P91CR
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1870	ug/L	94	SW846 6010B	12/13-12/20/10	MA8P91A8
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1860	ug/L	93	SW846 6010B	12/13-12/20/10	MA8P91CT
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	46.5	ug/L	93	SW846 6010B	12/13-12/20/10	MA8P91A9
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	46400	ug/L	93	SW846 6010B	12/13-12/20/10	MA8P91CA
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	180	ug/L	90	SW846 6010B	12/13-12/20/10	MA8P91CC
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Cobalt	500	458	ug/L	92	SW846 6010B	12/13-12/20/10	MA8P91CD
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Copper	250	227	ug/L	91	SW846 6010B	12/13-12/20/10	MA8P91CE
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Iron	1000	949	ug/L	95	SW846 6010B	12/13-12/20/10	MA8P91CF
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Magnesium	50000	46400	ug/L	93	SW846 6010B	12/13-12/20/10	MA8P91CG
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Manganese	500	466	ug/L	93	SW846 6010B	12/13-12/20/10	MA8P91CH
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Nickel	500	472	ug/L	94	SW846 6010B	12/13-12/20/10	MA8P91CJ
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Potassium	50000	47900	ug/L	96	SW846 6010B	12/13-12/20/10	MA8P91CK
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Silver	50.0	45.0	ug/L	90	SW846 6010B	12/13-12/20/10	MA8P91CL
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Sodium	50000	45500	ug/L	91	SW846 6010B	12/13-12/20/10	MA8P91CM
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	500	453	ug/L	91	SW846 6010B	12/13-12/20/10	MA8P91CN
		Dilution Factor: 1		Analysis Time..: 17:48		Analyst ID.....: 001637	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	482	ug/L	96	SW846 6010B	12/13-12/20/10	MA8P91CP
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	4.9	ug/L	97	SW846 7470A	12/13-12/14/10	MA8P91A7
			Dilution Factor: 1		Analysis Time..: 18:25	Analyst ID.....: 001576	
			Instrument ID..: H4				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L100487-005 **Prep Batch #...:** 0347016							
Aluminum	97	(63 - 128)			SW846 6020	12/13-12/21/10	MA6MK1CV
	102	(63 - 128)	4.3	(0-20)	SW846 6020	12/13-12/20/10	MA6MK1CW
		Dilution Factor: 1					
		Analysis Time..: 00:30			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	101	(44 - 153)			SW846 6020	12/13-12/21/10	MA6MK1C1
	103	(44 - 153)	2.6	(0-20)	SW846 6020	12/13-12/20/10	MA6MK1C2
		Dilution Factor: 1					
		Analysis Time..: 00:30			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	91	(82 - 123)			SW846 6020	12/13-12/21/10	MA6MK1CX
	97	(82 - 123)	6.2	(0-20)	SW846 6020	12/13-12/20/10	MA6MK1C0
		Dilution Factor: 1					
		Analysis Time..: 00:30			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	103	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CN
	103	(75 - 125)	0.33	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CP
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	93	(69 - 117)			SW846 6020	12/13-12/21/10	MA6MK1C3
	96	(69 - 117)	3.2	(0-20)	SW846 6020	12/13-12/20/10	MA6MK1C4
		Dilution Factor: 1					
		Analysis Time..: 00:30			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	105	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CQ
	106	(75 - 125)	0.69	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CR
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	107	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1DL
	107	(75 - 125)	0.20	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1DM
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	105	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CT
	105	(75 - 125)	0.22	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CU
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	106	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1DN
	107	(75 - 125)	0.41	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1DP
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	111	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1DQ
	112	(75 - 125)	0.58	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1DR
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	104	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1DT
	104	(75 - 125)	0.36	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1DU
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	104	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1DV
	104	(75 - 125)	0.36	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1DW
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	103	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1DX
	103	(75 - 125)	0.05	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1D0
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	112	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1D1
	114	(75 - 125)	0.74	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1D2
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	110	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1D3
	111	(75 - 125)	0.44	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1D4
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	108	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1D5
	109	(75 - 125)	0.50	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1D6
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	107	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1A9
	107	(75 - 125)	0.27	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CA
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	115	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CC
	115	(75 - 125)	0.17	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CD
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	106	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CE
	106	(75 - 125)	0.29	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CF
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	109	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CG
	109	(75 - 125)	0.31	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CH
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	103	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CJ
	103	(75 - 125)	0.20	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CK
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	107	(75 - 125)			SW846 6010B	12/13-12/20/10	MA6MK1CL
	107	(75 - 125)	0.08	(0-20)	SW846 6010B	12/13-12/20/10	MA6MK1CM
		Dilution Factor: 1					
		Analysis Time..: 20:03			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	99	(69 - 134)			SW846 7470A	12/13-12/14/10	MA6MK1C5
	101	(69 - 134)	1.9	(0-20)	SW846 7470A	12/13-12/14/10	MA6MK1C6
		Dilution Factor: 1					
		Analysis Time..: 18:32			Instrument ID..: H4	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L100487-005 **Prep Batch #...:** 0347016									
Aluminum									
	ND	10000	9720	ug/L	97		SW846 6020	12/13-12/21/10	MA6MK1CV
	ND	10000	10200	ug/L	102	4.3	SW846 6020	12/13-12/20/10	MA6MK1CW
			Dilution Factor: 1						
			Analysis Time..: 00:30		Instrument ID..: I8		Analyst ID.....: 000079		
Antimony									
	ND	100	101	ug/L	101		SW846 6020	12/13-12/21/10	MA6MK1C1
	ND	100	103	ug/L	103	2.6	SW846 6020	12/13-12/20/10	MA6MK1C2
			Dilution Factor: 1						
			Analysis Time..: 00:30		Instrument ID..: I8		Analyst ID.....: 000079		
Arsenic									
	0.77	100	92.1	ug/L	91		SW846 6020	12/13-12/21/10	MA6MK1CX
	0.77	100	98.0	ug/L	97	6.2	SW846 6020	12/13-12/20/10	MA6MK1C0
			Dilution Factor: 1						
			Analysis Time..: 00:30		Instrument ID..: I8		Analyst ID.....: 000079		
Cadmium									
	ND	50.0	51.6	ug/L	103		SW846 6010B	12/13-12/20/10	MA6MK1CN
	ND	50.0	51.7	ug/L	103	0.33	SW846 6010B	12/13-12/20/10	MA6MK1CP
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6		Analyst ID.....: 001637		
Thallium									
	ND	100	93.0	ug/L	93		SW846 6020	12/13-12/21/10	MA6MK1C3
	ND	100	96.0	ug/L	96	3.2	SW846 6020	12/13-12/20/10	MA6MK1C4
			Dilution Factor: 1						
			Analysis Time..: 00:30		Instrument ID..: I8		Analyst ID.....: 000079		
Lead									
	ND	500	524	ug/L	105		SW846 6010B	12/13-12/20/10	MA6MK1CQ
	ND	500	528	ug/L	106	0.69	SW846 6010B	12/13-12/20/10	MA6MK1CR
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6		Analyst ID.....: 001637		
Barium									
	41.5	2000	2180	ug/L	107		SW846 6010B	12/13-12/20/10	MA6MK1DL
	41.5	2000	2190	ug/L	107	0.20	SW846 6010B	12/13-12/20/10	MA6MK1DM
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6		Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2090	ug/L	105		SW846 6010B	12/13-12/20/10	MA6MK1CT
	ND	2000	2100	ug/L	105	0.22	SW846 6010B	12/13-12/20/10	MA6MK1CU
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		
Beryllium									
	ND	50.0	53.1	ug/L	106		SW846 6010B	12/13-12/20/10	MA6MK1DN
	ND	50.0	53.4	ug/L	107	0.41	SW846 6010B	12/13-12/20/10	MA6MK1DP
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		
Calcium									
	66500	50000	122000	ug/L	111		SW846 6010B	12/13-12/20/10	MA6MK1DQ
	66500	50000	123000	ug/L	112	0.58	SW846 6010B	12/13-12/20/10	MA6MK1DR
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		
Chromium									
	ND	200	208	ug/L	104		SW846 6010B	12/13-12/20/10	MA6MK1DT
	ND	200	209	ug/L	104	0.36	SW846 6010B	12/13-12/20/10	MA6MK1DU
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		
Cobalt									
	ND	500	520	ug/L	104		SW846 6010B	12/13-12/20/10	MA6MK1DV
	ND	500	522	ug/L	104	0.36	SW846 6010B	12/13-12/20/10	MA6MK1DW
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		
Copper									
	ND	250	258	ug/L	103		SW846 6010B	12/13-12/20/10	MA6MK1DX
	ND	250	258	ug/L	103	0.05	SW846 6010B	12/13-12/20/10	MA6MK1D0
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		
Iron									
	644	1000	1770	ug/L	112		SW846 6010B	12/13-12/20/10	MA6MK1D1
	644	1000	1780	ug/L	114	0.74	SW846 6010B	12/13-12/20/10	MA6MK1D2
			Dilution Factor: 1						
			Analysis Time..: 20:03	Instrument ID..: I6			Analyst ID.....: 001637		

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	22100	50000	77200	ug/L	110		SW846 6010B	12/13-12/20/10	MA6MK1D3
	22100	50000	77500	ug/L	111	0.44	SW846 6010B	12/13-12/20/10	MA6MK1D4
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	202	500	744	ug/L	108		SW846 6010B	12/13-12/20/10	MA6MK1D5
	202	500	748	ug/L	109	0.50	SW846 6010B	12/13-12/20/10	MA6MK1D6
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	536	ug/L	107		SW846 6010B	12/13-12/20/10	MA6MK1A9
	ND	500	537	ug/L	107	0.27	SW846 6010B	12/13-12/20/10	MA6MK1CA
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	767	50000	58100	ug/L	115		SW846 6010B	12/13-12/20/10	MA6MK1CC
	767	50000	58200	ug/L	115	0.17	SW846 6010B	12/13-12/20/10	MA6MK1CD
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	53.1	ug/L	106		SW846 6010B	12/13-12/20/10	MA6MK1CE
	ND	50.0	52.9	ug/L	106	0.29	SW846 6010B	12/13-12/20/10	MA6MK1CF
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	4080	50000	58400	ug/L	109		SW846 6010B	12/13-12/20/10	MA6MK1CG
	4080	50000	58600	ug/L	109	0.31	SW846 6010B	12/13-12/20/10	MA6MK1CH
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	516	ug/L	103		SW846 6010B	12/13-12/20/10	MA6MK1CJ
	ND	500	517	ug/L	103	0.20	SW846 6010B	12/13-12/20/10	MA6MK1CK
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	7.3	500	544	ug/L	107		SW846 6010B	12/13-12/20/10	MA6MK1CL
	7.3	500	543	ug/L	107	0.08	SW846 6010B	12/13-12/20/10	MA6MK1CM
			Dilution Factor: 1						
			Analysis Time..: 20:03		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	0.99	ug/L	99		SW846 7470A	12/13-12/14/10	MA6MK1C5
	ND	1.0	1.0	ug/L	101	1.9	SW846 7470A	12/13-12/14/10	MA6MK1C6
			Dilution Factor: 1						
			Analysis Time..: 18:32		Instrument ID..: H4			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-120910

General Chemistry

Lot-Sample #...: A0L100487-001 **Work Order #...:** MA6LF **Matrix.....:** WG
Date Sampled...: 12/09/10 09:17 **Date Received..:** 12/10/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363053**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**212**	**2.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363057**
		Dilution Factor: 2		MDL.....: 0.24		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-120910

General Chemistry

Lot-Sample #...: A0L100487-002 **Work Order #...:** MA6L7 **Matrix.....:** WG
Date Sampled...: 12/09/10 10:23 **Date Received..:** 12/10/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.62**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363055**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**25.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363053**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**408**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363057**
		Dilution Factor: 5		MDL.....: 0.60		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-120910

General Chemistry

Lot-Sample #...: A0L100487-004 **Work Order #...:** MA6ME **Matrix.....:** WG
Date Sampled...: 12/09/10 11:38 **Date Received..:** 12/10/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**31.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363053**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**285**	**2.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363057**
		Dilution Factor: 2		MDL.....: 0.24		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-120910

General Chemistry

Lot-Sample #...: A0L100487-005 **Work Order #...:** MA6MK **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**35.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363136**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**31.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363137**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-120910

General Chemistry

Lot-Sample #...: A0L100487-006 **Work Order #...:** MA6MQ **Matrix.....:** WG
Date Sampled...: 12/09/10 15:23 **Date Received..:** 12/10/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**56.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363053**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**57.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363057**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-120910

General Chemistry

Lot-Sample #...: A0L100487-007 **Work Order #...:** MA6MR **Matrix.....:** WG
Date Sampled...: 12/09/10 16:24 **Date Received..:** 12/10/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.16 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363055**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**66.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/28/10**	**0363053**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	12/28/10	0363057
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MCVJQ1AA		MB Lot-Sample #:	A0L290000-055	
	ND	0.50	mg/L	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1				
Chloride		Work Order #: MCVTP1AA		MB Lot-Sample #:	A0L290000-136	
	ND	1.0	mg/L	MCAWW 300.0A	12/28/10	0363136
		Dilution Factor: 1				
Chloride		Work Order #: MCVJM1AA		MB Lot-Sample #:	A0L290000-053	
	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0363053
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MCJ2R1AA		MB Lot-Sample #:	A0L180000-081	
	ND	0.010	mg/L	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1				
Sulfate		Work Order #: MCVJR1AA		MB Lot-Sample #:	A0L290000-057	
	ND	1.0	mg/L	MCAWW 300.0A	12/28/10	0363057
		Dilution Factor: 1				
Sulfate		Work Order #: MCVTQ1AA		MB Lot-Sample #:	A0L290000-137	
	ND	1.0	mg/L	MCAWW 300.0A	12/28/10	0363137
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0L100487 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCVJQ1AC-LCS/MCVJQ1AD-LCSD LCS Lot-Sample#: A0L290000-055					
	96	(90 - 110)			MCAWW 300.0A	12/28/10	0363055
	97	(90 - 110)	1.2	(0-20)	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1					
Chloride		WO#:MCVJM1AC-LCS/MCVJM1AD-LCSD LCS Lot-Sample#: A0L290000-053					
	98	(90 - 110)			MCAWW 300.0A	12/28/10	0363053
	99	(90 - 110)	0.50	(0-20)	MCAWW 300.0A	12/28/10	0363053
		Dilution Factor: 1					
Chloride		WO#:MCVTP1AC-LCS/MCVTP1AD-LCSD LCS Lot-Sample#: A0L290000-136					
	104	(90 - 110)			MCAWW 300.0A	12/29/10	0363136
	103	(90 - 110)	0.71	(0-20)	MCAWW 300.0A	12/29/10	0363136
		Dilution Factor: 1					
Sulfate		WO#:MCVJR1AC-LCS/MCVJR1AD-LCSD LCS Lot-Sample#: A0L290000-057					
	98	(90 - 110)			MCAWW 300.0A	12/29/10	0363057
	98	(90 - 110)	0.47	(0-20)	MCAWW 300.0A	12/29/10	0363057
		Dilution Factor: 1					
Sulfate		WO#:MCVTQ1AC-LCS/MCVTQ1AD-LCSD LCS Lot-Sample#: A0L290000-137					
	98	(90 - 110)			MCAWW 300.0A	12/29/10	0363137
	98	(90 - 110)	0.47	(0-20)	MCAWW 300.0A	12/29/10	0363137
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0L100487 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCVJQ1AC-LCS/MCVJQ1AD-LCSD LCS Lot-Sample#: A0L290000-055						
	10.0	9.6	mg/L	96		MCAWW 300.0A	12/28/10	0363055
	10.0	9.7	mg/L	97	1.2	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1						
Chloride		WO#:MCVJM1AC-LCS/MCVJM1AD-LCSD LCS Lot-Sample#: A0L290000-053						
	50.0	49.1	mg/L	98		MCAWW 300.0A	12/28/10	0363053
	50.0	49.4	mg/L	99	0.50	MCAWW 300.0A	12/28/10	0363053
		Dilution Factor: 1						
Chloride		WO#:MCVTP1AC-LCS/MCVTP1AD-LCSD LCS Lot-Sample#: A0L290000-136						
	50.0	51.9	mg/L	104		MCAWW 300.0A	12/29/10	0363136
	50.0	51.6	mg/L	103	0.71	MCAWW 300.0A	12/29/10	0363136
		Dilution Factor: 1						
Sulfate		WO#:MCVJR1AC-LCS/MCVJR1AD-LCSD LCS Lot-Sample#: A0L290000-057						
	50.0	49.0	mg/L	98		MCAWW 300.0A	12/29/10	0363057
	50.0	48.8	mg/L	98	0.47	MCAWW 300.0A	12/29/10	0363057
		Dilution Factor: 1						
Sulfate		WO#:MCVTQ1AC-LCS/MCVTQ1AD-LCSD LCS Lot-Sample#: A0L290000-137						
	50.0	49.0	mg/L	98		MCAWW 300.0A	12/29/10	0363137
	50.0	48.8	mg/L	98	0.47	MCAWW 300.0A	12/29/10	0363137
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MCJ2R1AC	LCS Lot-Sample#: A0L180000-081		
	103	(69 - 118)	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MCJ2R1AC				LCS Lot-Sample#: A0L180000-081		
	0.39	0.41	mg/L	103	SW846 9012A	12/17/10	0352081
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MA6MK1C7-MS/MA6MK1C8-MSD				MS Lot-Sample #: A0L100487-005	
	100	(80 - 120)			MCAWW 300.0A	12/28/10	0363055
	112	(80 - 120)	12	(0-20)	MCAWW 300.0A	12/28/10	0363055
		Dilution Factor: 1					
Chloride		WO#: MA6MK1C9-MS/MA6MK1DA-MSD				MS Lot-Sample #: A0L100487-005	
	114	(80 - 120)			MCAWW 300.0A	12/28/10	0363136
	131 N	(80 - 120)	9.0	(0-20)	MCAWW 300.0A	12/28/10	0363136
		Dilution Factor: 1					
Cyanide, Total		WO#: MA6MK1DE-MS/MA6MK1DF-MSD				MS Lot-Sample #: A0L100487-005	
	99	(42 - 140)			SW846 9012A	12/17/10	0352081
	89	(42 - 140)	10	(0-20)	SW846 9012A	12/17/10	0352081
		Dilution Factor: 1					
Sulfate		WO#: MA6MK1DC-MS/MA6MK1DD-MSD				MS Lot-Sample #: A0L100487-005	
	109	(80 - 120)			MCAWW 300.0A	12/28/10	0363137
	131 N	(80 - 120)	12	(0-20)	MCAWW 300.0A	12/28/10	0363137
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WG
Date Sampled...: 12/09/10 14:12 **Date Received..:** 12/10/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MA6MK1C7-MS/MA6MK1C8-MSD		MS Lot-Sample #: A0L100487-005				
	ND	10.0	10	mg/L	100		MCAWW 300.0A	12/28/10	0363055
	ND	10.0	11.2	mg/L	112	12	MCAWW 300.0A	12/28/10	0363055
			Dilution Factor: 1						
Chloride			WO#: MA6MK1C9-MS/MA6MK1DA-MSD		MS Lot-Sample #: A0L100487-005				
	35.7	50.0	92.7	mg/L	114		MCAWW 300.0A	12/28/10	0363136
	35.7	50.0	101 N	mg/L	131	9.0	MCAWW 300.0A	12/28/10	0363136
			Dilution Factor: 1						
Cyanide, Total			WO#: MA6MK1DE-MS/MA6MK1DF-MSD		MS Lot-Sample #: A0L100487-005				
	ND	0.040	0.040	mg/L	99		SW846 9012A	12/17/10	0352081
	ND	0.040	0.036	mg/L	89	10	SW846 9012A	12/17/10	0352081
			Dilution Factor: 1						
Sulfate			WO#: MA6MK1DC-MS/MA6MK1DD-MSD		MS Lot-Sample #: A0L100487-005				
	31.5	50.0	86.0	mg/L	109		MCAWW 300.0A	12/28/10	0363137
	31.5	50.0	96.8 N	mg/L	131	12	MCAWW 300.0A	12/28/10	0363137
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WATER
Date Sampled...: 12/14/10 09:45 **Date Received..:** 12/15/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #...: MCDVW1EL		MS Lot-Sample #: A0L150476-001	
	117	(80 - 120)	MCAWW 300.0A	12/28/10	0363053
		Dilution Factor: 1			
Chloride		Work Order #...: MCD921A1		MS Lot-Sample #: A0L150530-003	
	116	(80 - 120)	MCAWW 300.0A	12/29/10	0363053
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L100487 **Matrix.....:** WATER
Date Sampled...: 12/14/10 09:45 **Date Received..:** 12/15/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...: MCDVW1EL			MS Lot-Sample #: A0L150476-001		
	110	50.0	168	mg/L	117	MCAWW 300.0A	12/28/10	0363053
			Dilution Factor: 1					
Chloride			Work Order #...: MCD921A1			MS Lot-Sample #: A0L150530-003		
	14.6	50.0	72.6	mg/L	116	MCAWW 300.0A	12/29/10	0363053
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

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ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A0L130406

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
1/7/2011 12:35 PM

Amy L. McCormick
Project Manager
amy.mccormick@testamericainc.com

January 7, 2011

Table of Contents

Case Narrative	2
Executive Summary	9
Analytical Method Summary	12
Sample Summary	14
Shipping and Receiving Documents	16
GC/MS Volatile Data	20
GC/MS Semivolatile Data	33
Inorganic/Metals Data	50
General Chemistry Data	76
Total # of Pages in this Document	**91**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A0L130406

The following report contains the analytical results for three water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received December 11, 2010, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on December 30, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 1.8°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) GW-WT119B-121010 had elevated reporting limits due to foaming.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

CASE NARRATIVE (continued)

METALS (cont)

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for GW-WT116A-121010 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

No ICP Trace or ICP MS Form IX provided for batch(es) 0348010. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate data for batch(es) 0354375 are not included in this report for Total Cyanide. The batch QC samples, which document the effect of a specific sample matrix on method performance, were not associated with a sample reported in this lot. The data, therefore, has no bearing on the samples reported herein. In order to document compliance with the QC requirement for an MS/MSD per 20 environmental samples, a summary of sample/QC associations has been provided following this case narrative.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

TESTAMERICA LABORATORIES, INC.

MS RUN NUMBER REVIEW

Lot ID	Smp#	Work Order	Batch	MS Run#	SDG	Prep Date	Method
A0L080466	001	MA14F1AA	0354375	0354201		12/20/10	MCAWW 335.4
A0L080540	001	MA2LC1AC	0354375	0354201	0L08540	12/20/10	MCAWW 335.2
A0L130406	001	MA8WN1A8	0354375	0354201		12/20/10	SW846 9012A
A0L130406	003	MA8WQ1AK	0354375	0354201		12/20/10	SW846 9012A
A0L130406	004	MA8WR1AK	0354375	0354201		12/20/10	SW846 9012A
A0L160467	002	MCFFK1AW	0354375	0354201		12/20/10	MCAWW 335.4
A0L160467	003	MCFFV1A8	0354375	0354201		12/20/10	MCAWW 335.4
A0L170522	002	MCHRX1AV	0354375	0354201		12/20/10	MCAWW 335.4
A0L170522	003	MCHR51A7	0354375	0354201		12/20/10	MCAWW 335.4
A0L170522	004	MCHR71AJ	0354375	0354201		12/20/10	MCAWW 335.4
A0L130431	001	MA8971AC	0354376	0354201		12/20/10	SW846 9012A
A0L130431	001	MA8971AK D	0354376	0354201		12/20/10	SW846 9012A
A0L130431	001	MA8971AJ S	0354376	0354201		12/20/10	SW846 9012A
A0L130431	002	MA9AE1AC	0354376	0354201		12/20/10	SW846 9012A
A0L130431	003	MA9AL1AC	0354376	0354201		12/20/10	SW846 9012A
A0L130431	004	MA9AW1AC	0354376	0354201		12/20/10	SW846 9012A
A0L130431	005	MA9A01AC	0354376	0354201		12/20/10	SW846 9012A

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EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0L130406

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT116A-121010 12/10/10 09:04 001				
Aluminum	34.2 B	50.0	ug/L	SW846 6020
Arsenic	2.7	1.0	ug/L	SW846 6020
Antimony	1.4 B	2.0	ug/L	SW846 6020
Barium	81.6 B	200	ug/L	SW846 6010B
Calcium	712000	25000	ug/L	SW846 6010B
Cobalt	9.6 B	50.0	ug/L	SW846 6010B
Copper	21.8 B	25.0	ug/L	SW846 6010B
Iron	184	100	ug/L	SW846 6010B
Magnesium	44200	5000	ug/L	SW846 6010B
Manganese	548 J	15.0	ug/L	SW846 6010B
Nickel	20.7 B	40.0	ug/L	SW846 6010B
Potassium	22700 J	5000	ug/L	SW846 6010B
Sodium	179000	5000	ug/L	SW846 6010B
Vanadium	3.0 B	50.0	ug/L	SW846 6010B
Zinc	632 J	20.0	ug/L	SW846 6010B
Acetone	3.1 J,B	10	ug/L	SW846 8260B
Benzene	0.50 J	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.23 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	6.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.55 J	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	0.52 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.17 J	1.0	ug/L	SW846 8260B
Chloride	20.5	1.0	mg/L	MCAWW 300.0A
Sulfate	956	10.0	mg/L	MCAWW 300.0A
Bromide	3.1	0.50	mg/L	MCAWW 300.0A
TRIP BLANK-121010-4 12/10/10 09:15 002				
Acetone	7.6 J,B	10	ug/L	SW846 8260B
Methylene chloride	3.1	1.0	ug/L	SW846 8260B
GW-WT116B-121010 12/10/10 10:03 003				
Thallium	0.35 B	1.0	ug/L	SW846 6020
Barium	190 B	200	ug/L	SW846 6010B
Calcium	170000	5000	ug/L	SW846 6010B
Iron	4420	100	ug/L	SW846 6010B
Magnesium	13700	5000	ug/L	SW846 6010B
Manganese	141 J	15.0	ug/L	SW846 6010B
Potassium	7030 J	5000	ug/L	SW846 6010B
Sodium	25200	5000	ug/L	SW846 6010B
Acetone	2.2 J,B	10	ug/L	SW846 8260B
Chloroethane	0.85 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L130406

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT116B-121010 12/10/10 10:03 003				
cis-1,2-Dichloroethene	0.18 J	1.0	ug/L	SW846 8260B
Chloride	36.2	1.0	mg/L	MCAWW 300.0A
Sulfate	164	5.0	mg/L	MCAWW 300.0A
Bromide	0.14 B	0.50	mg/L	MCAWW 300.0A
GW-WT119B-121010 12/10/10 11:05 004				
Aluminum	264	50.0	ug/L	SW846 6020
Arsenic	1.9	1.0	ug/L	SW846 6020
Barium	76.7 B	200	ug/L	SW846 6010B
Calcium	136000	5000	ug/L	SW846 6010B
Chromium	2.3 B	10.0	ug/L	SW846 6010B
Iron	1030	100	ug/L	SW846 6010B
Magnesium	44900	5000	ug/L	SW846 6010B
Manganese	160 J	15.0	ug/L	SW846 6010B
Potassium	10900 J	5000	ug/L	SW846 6010B
Sodium	51300	5000	ug/L	SW846 6010B
Vanadium	5.3 B	50.0	ug/L	SW846 6010B
Zinc	5.2 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.2 J	2.0	ug/L	SW846 8270C
4-Methylphenol	5.1 #	1.0	ug/L	SW846 8270C
Acetone	6.0 J,B	20	ug/L	SW846 8260B
Chloride	30.1	1.0	mg/L	MCAWW 300.0A
Sulfate	242	5.0	mg/L	MCAWW 300.0A
Bromide	0.88	0.50	mg/L	MCAWW 300.0A
Cyanide, Total	0.054	0.010	mg/L	SW846 9012A

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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0L130406

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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SAMPLE SUMMARY

SAMPLE SUMMARY

A0L130406

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MA8WN	001	GW-WT116A-121010	12/10/10	09:04
MA8WP	002	TRIP BLANK-121010-4	12/10/10	09:15
MA8WQ	003	GW-WT116B-121010	12/10/10	10:03
MA8WR	004	GW-WT119B-121010	12/10/10	11:05

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
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SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 038611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOC	SVOC	TAL Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	12/10/10	904	GW-WT116A-121010	Water	8	X	X	X	X	X	X	X	
2	↓	915	TRIP BLANK-121010-4	↓	1	X							
3	↓	1003	GW-WT116B-121010	↓	8	X	X	X	X	X	X	X	
4	12/10/10	1105	GW-WT119B-121010	Water	8	X	X	X	X	X	X	X	

TOTAL NUMBER OF CONTAINERS: 25

RELINQUISHED BY: ① [signature]	DATE: 12/10/10 TIME: 1200	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2388 3831

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Shawn Miller

RECEIVED FOR LABORATORY BY: Denny Burns
DATE: 12/11/10 TIME: 1045

2210

400001-00(SOURCE)GN-CO007

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** AOL130406
North Canton Facility

Client CRA Project HIMCO By: [signature] (Signature)
Cooler Received on 12/11/10 Opened on 12-13-10
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # L969 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 1 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☐ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt 1.8 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
GW-WT116A-121010	<2 >12	12-13-10	WB
GW-WT116B-121010	<2 >12		
GW-WT119B-121010	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant

Discrepancies Cont'd:

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THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

GC/MS Volatiles

Lot-Sample #...: A0L130406-001 **Work Order #...:** MA8WN1AA **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0349358
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.1 J,B**	**10**	**ug/L**	**1.1**
Benzene	**0.50 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	**0.23 J**	**1.0**	**ug/L**	**0.13**
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**6.1**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.55 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	**0.52 J**	**1.0**	**ug/L**	**0.18**
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

GC/MS Volatiles

Lot-Sample #...: A0L130406-001 **Work Order #...:** MA8WN1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	**0.17 J**	**1.0**	**ug/L**	**0.17**
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
Toluene-d8	98	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-121010-4

GC/MS Volatiles

Lot-Sample #...: A0L130406-002 **Work Order #...:** MA8WP1AA **Matrix.....:** WQ
Date Sampled...: 12/10/10 09:15 **Date Received..:** 12/11/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0349358
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.6 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**3.1**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-121010-4

GC/MS Volatiles

Lot-Sample #...: A0L130406-002 **Work Order #...:** MA8WP1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
Toluene-d8	98	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

GC/MS Volatiles

Lot-Sample #...: A0L130406-003 **Work Order #...:** MA8WQ1AL **Matrix.....:** WG
Date Sampled...: 12/10/10 10:03 **Date Received..:** 12/11/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0349358
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.2 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**0.85 J**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.18 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

GC/MS Volatiles

Lot-Sample #...: A0L130406-003 **Work Order #...:** MA8WQ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
Toluene-d8	98	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

GC/MS Volatiles

Lot-Sample #...: A0L130406-004 **Work Order #...:** MA8WR1AL **Matrix.....:** WG
Date Sampled...: 12/10/10 11:05 **Date Received..:** 12/11/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/15/10
Prep Batch #...: 0349358
Dilution Factor: 2 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**6.0 J,B**	**20**	**ug/L**	**2.2**
Benzene	ND	2.0	ug/L	0.26
Bromodichloromethane	ND	2.0	ug/L	0.30
Bromoform	ND	2.0	ug/L	1.3
Bromomethane	ND	2.0	ug/L	0.82
2-Butanone	ND	20	ug/L	1.1
Carbon disulfide	ND	2.0	ug/L	0.26
Carbon tetrachloride	ND	2.0	ug/L	0.26
Chlorobenzene	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.58
Chloroform	ND	2.0	ug/L	0.32
Chloromethane	ND	2.0	ug/L	0.60
Cyclohexane	ND	2.0	ug/L	0.24
Dibromochloromethane	ND	2.0	ug/L	0.36
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	1.3
1,2-Dibromoethane	ND	2.0	ug/L	0.48
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
1,3-Dichlorobenzene	ND	2.0	ug/L	0.28
1,4-Dichlorobenzene	ND	2.0	ug/L	0.26
Dichlorodifluoromethane	ND	2.0	ug/L	0.62
1,1-Dichloroethane	ND	2.0	ug/L	0.30
1,2-Dichloroethane	ND	2.0	ug/L	0.44
1,1-Dichloroethene	ND	2.0	ug/L	0.38
cis-1,2-Dichloroethene	ND	2.0	ug/L	0.34
trans-1,2-Dichloroethene	ND	2.0	ug/L	0.38
1,2-Dichloropropane	ND	2.0	ug/L	0.36
cis-1,3-Dichloropropene	ND	2.0	ug/L	0.28
trans-1,3-Dichloropropene	ND	2.0	ug/L	0.38
Ethylbenzene	ND	2.0	ug/L	0.34
2-Hexanone	ND	20	ug/L	0.82
Isopropylbenzene	ND	2.0	ug/L	0.26
Methyl acetate	ND	20	ug/L	0.76
Methylene chloride	ND	2.0	ug/L	0.66
Methylcyclohexane	ND	2.0	ug/L	0.26
4-Methyl-2-pentanone	ND	20	ug/L	0.64
Methyl tert-butyl ether	ND	10	ug/L	0.34
Styrene	ND	2.0	ug/L	0.22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

GC/MS Volatiles

Lot-Sample #...: A0L130406-004 **Work Order #...:** MA8WR1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	0.36
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	ND	2.0	ug/L	0.26
1,2,4-Trichloro-benzene	ND	2.0	ug/L	0.30
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
1,1,2-Trichloroethane	ND	2.0	ug/L	0.54
Trichloroethene	ND	2.0	ug/L	0.34
Trichlorofluoromethane	ND	2.0	ug/L	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ug/L	0.56
Vinyl chloride	ND	2.0	ug/L	0.44
Xylenes (total)	ND	4.0	ug/L	0.56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	94	(63 - 129)
Toluene-d8	99	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L130406 **Work Order #...:** MCEFH1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L150000-358

Prep Date.....: 12/14/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/14/10 **Prep Batch #...:** 0349358
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**1.8 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L130406 **Work Order #...:** MCEFH1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	95	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L130406 **Work Order #...:** MCEFH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-358 MCEFH1AD-LCSD
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349358
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**102**	**(83 - 112)**			**SW846 8260B**
	103	**(83 - 112)**	**0.44**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**99**	**(85 - 110)**			**SW846 8260B**
	98	**(85 - 110)**	**1.2**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**117**	**(78 - 131)**			**SW846 8260B**
	112	**(78 - 131)**	**4.6**	**(0-30)**	**SW846 8260B**
Toluene	**99**	**(84 - 111)**			**SW846 8260B**
	99	**(84 - 111)**	**0.58**	**(0-30)**	**SW846 8260B**
Trichloroethene	**108**	**(76 - 117)**			**SW846 8260B**
	109	**(76 - 117)**	**0.66**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
	103	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
	97	(63 - 129)
Toluene-d8	100	(74 - 115)
	102	(74 - 115)
4-Bromofluorobenzene	101	(66 - 117)
	100	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L130406 **Work Order #...:** MCEFH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-358 MCEFH1AD-LCSD
Prep Date.....: 12/14/10 **Analysis Date..:** 12/14/10
Prep Batch #...: 0349358
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**20**	**20**	**ug/L**	**102**		**SW846 8260B**
	20	**21**	**ug/L**	**103**	**0.44**	**SW846 8260B**
Chlorobenzene	**20**	**20**	**ug/L**	**99**		**SW846 8260B**
	20	**20**	**ug/L**	**98**	**1.2**	**SW846 8260B**
1,1-Dichloroethene	**20**	**23**	**ug/L**	**117**		**SW846 8260B**
	20	**22**	**ug/L**	**112**	**4.6**	**SW846 8260B**
Toluene	**20**	**20**	**ug/L**	**99**		**SW846 8260B**
	20	**20**	**ug/L**	**99**	**0.58**	**SW846 8260B**
Trichloroethene	**20**	**22**	**ug/L**	**108**		**SW846 8260B**
	20	**22**	**ug/L**	**109**	**0.66**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
	103	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
	97	(63 - 129)
Toluene-d8	100	(74 - 115)
	102	(74 - 115)
4-Bromofluorobenzene	101	(66 - 117)
	100	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-001 **Work Order #...:** MA8WN1AC **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0348038
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-001 **Work Order #...:** MA8WN1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-001 **Work Order #...:** MA8WN1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	63	(28 - 110)
Terphenyl-d14	66	(37 - 119)
Phenol-d5	69	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	77	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-003 **Work Order #...:** MA8WQ1AM **Matrix.....:** WG
Date Sampled...: 12/10/10 10:03 **Date Received..:** 12/11/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0348038
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-003 **Work Order #...:** MA8WQ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-003 **Work Order #...:** MA8WQ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	80	(37 - 119)
Phenol-d5	73	(10 - 110)
2-Fluorophenol	73	(10 - 110)
2,4,6-Tribromophenol	72	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-004 **Work Order #...:** MA8WR1AM **Matrix.....:** WG
Date Sampled...: 12/10/10 11:05 **Date Received..:** 12/11/10
Prep Date.....: 12/14/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0348038
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.2 J**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-004 **Work Order #...:** MA8WR1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	**5.1 #**	**1.0**	**ug/L**	**0.80**
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

GC/MS Semivolatiles

Lot-Sample #...: A0L130406-004 **Work Order #...:** MA8WR1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	74	(10 - 110)
2-Fluorophenol	68	(10 - 110)
2,4,6-Tribromophenol	81	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

This value represents a probable combination of 3-Methylphenol (m-cresol) and 4-methylphenol (p-cresol).

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L140000-038

Prep Date.....: 12/14/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/16/10 **Prep Batch #...:** 0348038
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(27 - 111)
2-Fluorobiphenyl	70	(28 - 110)
Terphenyl-d14	87	(37 - 119)
Phenol-d5	73	(10 - 110)
2-Fluorophenol	75	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L140000-038 MA92M1AD-LCSD
Prep Date.....: 12/14/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0348038
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**72**	**(40 - 110)**			**SW846 8270C**
	81	**(40 - 110)**	**11**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**60**	**(25 - 110)**			**SW846 8270C**
	70	**(25 - 110)**	**15**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**63**	**(19 - 110)**			**SW846 8270C**
	73	**(19 - 110)**	**15**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**72**	**(39 - 110)**			**SW846 8270C**
	87	**(39 - 110)**	**19**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**68**	**(27 - 110)**			**SW846 8270C**
	81	**(27 - 110)**	**17**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**81**	**(52 - 123)**			**SW846 8270C**
	89	**(52 - 123)**	**9.6**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**77**	**(12 - 130)**			**SW846 8270C**
	85	**(12 - 130)**	**11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**72**	**(37 - 121)**			**SW846 8270C**
	85	**(37 - 121)**	**17**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**28**	**(26 - 110)**			**SW846 8270C**
	32	**(26 - 110)**	**14**	**(0-30)**	**SW846 8270C**
Phenol	**67**	**(14 - 112)**			**SW846 8270C**
	80	**(14 - 112)**	**18**	**(0-30)**	**SW846 8270C**
Pyrene	**75**	**(55 - 120)**			**SW846 8270C**
	82	**(55 - 120)**	**9.6**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(27 - 111)
	74	(27 - 111)
2-Fluorobiphenyl	65	(28 - 110)
	70	(28 - 110)
Terphenyl-d14	80	(37 - 119)
	84	(37 - 119)
Phenol-d5	63	(10 - 110)
	72	(10 - 110)
2-Fluorophenol	64	(10 - 110)
	70	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L140000-038 MA92M1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	66	(22 - 120)
	69	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L140000-038 MA92M1AD-LCSD
Prep Date.....: 12/14/10 **Analysis Date..:** 12/16/10
Prep Batch #...: 0348038
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	**20**	**14**	**ug/L**	**72**		**SW846 8270C**
	20	**16**	**ug/L**	**81**	**11**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**60**		**SW846 8270C**
	20	**14**	**ug/L**	**70**	**15**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**13**	**ug/L**	**63**		**SW846 8270C**
	20	**15**	**ug/L**	**73**	**15**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**14**	**ug/L**	**72**		**SW846 8270C**
	20	**17**	**ug/L**	**87**	**19**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**68**		**SW846 8270C**
	20	**16**	**ug/L**	**81**	**17**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**16**	**ug/L**	**81**		**SW846 8270C**
	20	**18**	**ug/L**	**89**	**9.6**	**SW846 8270C**
4-Nitrophenol	**20**	**15**	**ug/L**	**77**		**SW846 8270C**
	20	**17**	**ug/L**	**85**	**11**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**14**	**ug/L**	**72**		**SW846 8270C**
	20	**17**	**ug/L**	**85**	**17**	**SW846 8270C**
Pentachlorophenol	**20**	**5.6**	**ug/L**	**28**		**SW846 8270C**
	20	**6.5**	**ug/L**	**32**	**14**	**SW846 8270C**
Phenol	**20**	**13**	**ug/L**	**67**		**SW846 8270C**
	20	**16**	**ug/L**	**80**	**18**	**SW846 8270C**
Pyrene	**20**	**15**	**ug/L**	**75**		**SW846 8270C**
	20	**16**	**ug/L**	**82**	**9.6**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(27 - 111)
	74	(27 - 111)
2-Fluorobiphenyl	65	(28 - 110)
	70	(28 - 110)
Terphenyl-d14	80	(37 - 119)
	84	(37 - 119)
Phenol-d5	63	(10 - 110)
	72	(10 - 110)
2-Fluorophenol	64	(10 - 110)
	70	(10 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L130406 **Work Order #...:** MA92M1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L140000-038 MA92M1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	66	(22 - 120)
	69	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

TOTAL Metals

Lot-Sample #...: A0L130406-001 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0348010						
Aluminum	**34.2 B**	**50.0**	**ug/L**	**SW846 6020**	**12/14-12/16/10**	**MA8WN1A0**
		Dilution Factor: 1		Analysis Time..: 18:15	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.7**	**1.0**	**ug/L**	**SW846 6020**	**12/14-12/16/10**	**MA8WN1A1**
		Dilution Factor: 1		Analysis Time..: 18:15	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WN1AV
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**1.4 B**	**2.0**	**ug/L**	**SW846 6020**	**12/14-12/16/10**	**MA8WN1A2**
		Dilution Factor: 1		Analysis Time..: 18:15	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/14-12/16/10	MA8WN1A3
		Dilution Factor: 1		Analysis Time..: 18:15	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WN1AW
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**81.6 B**	**200**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AD**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WN1AX
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WN1AE
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**712000**	**25000**	**ug/L**	**SW846 6010B**	**12/14-12/16/10**	**MA8WN1AF**
		Dilution Factor: 5		Analysis Time..: 04:00	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 650		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

TOTAL Metals

Lot-Sample #...: A0L130406-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WN1AG
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**9.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AH**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	**21.8 B**	**25.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AJ**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**184**	**100**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AK**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**44200**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AL**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**548 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AM**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**20.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AN**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**22700 J**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AP**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WN1AQ
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**179000**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AR**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

TOTAL Metals

Lot-Sample #...: A0L130406-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**3.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AT**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**632 J**	**20.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WN1AU**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/14-12/16/10	MA8WN1A4
		Dilution Factor: 1		Analysis Time..: 14:15	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

TOTAL Metals

Lot-Sample #...: A0L130406-003 **Matrix.....:** WG
Date Sampled...: 12/10/10 10:03 **Date Received..:** 12/11/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0348010						
Aluminum	ND	50.0	ug/L	SW846 6020	12/14-12/16/10	MA8WQ1AA
		Dilution Factor: 1		Analysis Time..: 18:31	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	12/14-12/16/10	MA8WQ1AC
		Dilution Factor: 1		Analysis Time..: 18:31	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A6
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/14-12/16/10	MA8WQ1AD
		Dilution Factor: 1		Analysis Time..: 18:31	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.35 B**	**1.0**	**ug/L**	**SW846 6020**	**12/14-12/16/10**	**MA8WQ1AE**
		Dilution Factor: 1		Analysis Time..: 18:31	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A7
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**190 B**	**200**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1AN**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A8
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1AP
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**170000**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1AQ**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

TOTAL Metals

Lot-Sample #...: A0L130406-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1AR
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1AT
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1AU
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**4420**	**100**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1AV**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**13700**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1AW**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**141 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1AX**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A0
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**7030 J**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1A1**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A2
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**25200**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WQ1A3**
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

TOTAL Metals

Lot-Sample #...: A0L130406-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A4
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WQ1A5
		Dilution Factor: 1		Analysis Time..: 11:10	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/14-12/16/10	MA8WQ1AF
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

TOTAL Metals

Lot-Sample #...: A0L130406-004 **Matrix.....:** WG
Date Sampled...: 12/10/10 11:05 **Date Received..:** 12/11/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0348010						
Aluminum	**264**	**50.0**	**ug/L**	**SW846 6020**	**12/14-12/16/10**	**MA8WR1AA**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.9**	**1.0**	**ug/L**	**SW846 6020**	**12/14-12/16/10**	**MA8WR1AC**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1A6
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/14-12/16/10	MA8WR1AD
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/14-12/16/10	MA8WR1AE
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1A7
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**76.7 B**	**200**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1AN**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1A8
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1AP
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**136000**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1AQ**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

TOTAL Metals

Lot-Sample #...: A0L130406-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.3 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1AR**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1AT
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1AU
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1030**	**100**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1AV**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**44900**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1AW**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**160 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1AX**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1A0
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**10900 J**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1A1**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA8WR1A2
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**51300**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1A3**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

TOTAL Metals

Lot-Sample #...: A0L130406-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**5.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1A4**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.2 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA8WR1A5**
		Dilution Factor: 1		Analysis Time..: 11:16	Analyst ID.....: 000079	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/14-12/16/10	MA8WR1AF
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0L140000-010 **Prep Batch #...:** 0348010						
Aluminum	ND	50.0	ug/L	SW846 6020	12/14-12/16/10	MA91G1AW
		Dilution Factor: 1				
		Analysis Time..: 17:29	Analyst ID.....: 001576		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	12/14-12/16/10	MA91G1A0
		Dilution Factor: 1				
		Analysis Time..: 17:29	Analyst ID.....: 001576		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	12/14-12/16/10	MA91G1AX
		Dilution Factor: 1				
		Analysis Time..: 17:29	Analyst ID.....: 001576		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AT
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	12/14-12/16/10	MA91G1A1
		Dilution Factor: 1				
		Analysis Time..: 17:29	Analyst ID.....: 001576		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AU
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Barium	ND	200	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AA
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AV
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AC
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Calcium	ND	5000	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AD
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AE
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AF
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Copper	ND	25.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AG
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Iron	ND	100	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AH
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Magnesium	ND	5000	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AJ
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Manganese	**0.61 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA91G1AK**
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AL
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Potassium	**132 B**	**5000**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA91G1AM**
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Silver	ND	10.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AN
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Sodium	ND	5000	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AP
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/14-12/15/10	MA91G1AQ
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Zinc	**8.1 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/14-12/15/10**	**MA91G1AR**
		Dilution Factor: 1				
		Analysis Time..: 09:56	Analyst ID.....: 000079		Instrument ID..: I6	
Mercury	ND	0.20	ug/L	SW846 7470A	12/14-12/16/10	MA91G1A2
		Dilution Factor: 1				
		Analysis Time..: 14:12	Analyst ID.....: 001576		Instrument ID..: H1	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L140000-010 **Prep Batch #...:** 0348010					
Cadmium	93	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CK
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			
Aluminum	94	(80 - 120)	SW846 6020	12/14-12/16/10	MA91G1CN
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 001576	
		Instrument ID..: I8			
Arsenic	94	(80 - 120)	SW846 6020	12/14-12/16/10	MA91G1CP
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 001576	
		Instrument ID..: I8			
Antimony	96	(80 - 120)	SW846 6020	12/14-12/16/10	MA91G1CQ
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 001576	
		Instrument ID..: I8			
Thallium	93	(80 - 120)	SW846 6020	12/14-12/16/10	MA91G1CR
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 001576	
		Instrument ID..: I8			
Lead	93	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CL
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			
Barium	94	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A3
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			
Selenium	96	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CM
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			
Beryllium	93	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A4
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			
Calcium	92	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A5
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	93	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A6
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Cobalt	94	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A7
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Copper	94	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A8
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Iron	97	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1A9
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Magnesium	92	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CA
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Manganese	95	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CC
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Nickel	95	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CD
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Potassium	92	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CE
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Silver	93	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CF
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Sodium	91	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CG
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				
Vanadium	92	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CH
	Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	100	(80 - 120)	SW846 6010B	12/14-12/15/10	MA91G1CJ
		Dilution Factor: 1	Analysis Time..: 10:02	Analyst ID.....: 000079	
		Instrument ID..: I6			
Mercury	86	(81 - 123)	SW846 7470A	12/14-12/16/10	MA91G1CT
		Dilution Factor: 1	Analysis Time..: 14:13	Analyst ID.....: 001576	
		Instrument ID..: H1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L140000-010 **Prep Batch #...:** 0348010							
Cadmium	50.0	46.5	ug/L	93	SW846 6010B	12/14-12/15/10	MA91G1CK
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				
Aluminum	10000	9370	ug/L	94	SW846 6020	12/14-12/16/10	MA91G1CN
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 001576	
			Instrument ID..: I8				
Arsenic	100	94.5	ug/L	94	SW846 6020	12/14-12/16/10	MA91G1CP
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 001576	
			Instrument ID..: I8				
Antimony	100	96.3	ug/L	96	SW846 6020	12/14-12/16/10	MA91G1CQ
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 001576	
			Instrument ID..: I8				
Thallium	100	93.3	ug/L	93	SW846 6020	12/14-12/16/10	MA91G1CR
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 001576	
			Instrument ID..: I8				
Lead	500	464	ug/L	93	SW846 6010B	12/14-12/15/10	MA91G1CL
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				
Barium	2000	1880	ug/L	94	SW846 6010B	12/14-12/15/10	MA91G1A3
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				
Selenium	2000	1910	ug/L	96	SW846 6010B	12/14-12/15/10	MA91G1CM
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				
Beryllium	50.0	46.7	ug/L	93	SW846 6010B	12/14-12/15/10	MA91G1A4
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				
Calcium	50000	46000	ug/L	92	SW846 6010B	12/14-12/15/10	MA91G1A5
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	186	ug/L	93	SW846 6010B	12/14-12/15/10	MA91G1A6
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Cobalt	500	468	ug/L	94	SW846 6010B	12/14-12/15/10	MA91G1A7
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Copper	250	235	ug/L	94	SW846 6010B	12/14-12/15/10	MA91G1A8
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Iron	1000	973	ug/L	97	SW846 6010B	12/14-12/15/10	MA91G1A9
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Magnesium	50000	45900	ug/L	92	SW846 6010B	12/14-12/15/10	MA91G1CA
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Manganese	500	473	ug/L	95	SW846 6010B	12/14-12/15/10	MA91G1CC
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Nickel	500	475	ug/L	95	SW846 6010B	12/14-12/15/10	MA91G1CD
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Potassium	50000	45900	ug/L	92	SW846 6010B	12/14-12/15/10	MA91G1CE
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Silver	50.0	46.5	ug/L	93	SW846 6010B	12/14-12/15/10	MA91G1CF
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Sodium	50000	45400	ug/L	91	SW846 6010B	12/14-12/15/10	MA91G1CG
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					
Vanadium	500	462	ug/L	92	SW846 6010B	12/14-12/15/10	MA91G1CH
		Dilution Factor: 1		Analysis Time..: 10:02		Analyst ID.....: 000079	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	502	ug/L	100	SW846 6010B	12/14-12/15/10	MA91G1CJ
			Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 000079	
			Instrument ID..: I6				
Mercury	5.0	4.3	ug/L	86	SW846 7470A	12/14-12/16/10	MA91G1CT
			Dilution Factor: 1		Analysis Time..: 14:13	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L130406-001 **Prep Batch #...:** 0348010							
Aluminum	93	(63 - 128)			SW846 6020	12/14-12/16/10	MA8WN1DG
	93	(63 - 128)	0.04	(0-20)	SW846 6020	12/14-12/16/10	MA8WN1DH
		Dilution Factor: 1					
		Analysis Time..: 18:19			Instrument ID..: I8	Analyst ID.....: 001576	
Antimony	100	(44 - 153)			SW846 6020	12/14-12/16/10	MA8WN1DL
	100	(44 - 153)	0.09	(0-20)	SW846 6020	12/14-12/16/10	MA8WN1DM
		Dilution Factor: 1					
		Analysis Time..: 18:19			Instrument ID..: I8	Analyst ID.....: 001576	
Arsenic	101	(82 - 123)			SW846 6020	12/14-12/16/10	MA8WN1DJ
	100	(82 - 123)	0.09	(0-20)	SW846 6020	12/14-12/16/10	MA8WN1DK
		Dilution Factor: 1					
		Analysis Time..: 18:19			Instrument ID..: I8	Analyst ID.....: 001576	
Cadmium	103	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1C9
	102	(75 - 125)	1.1	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1DA
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Thallium	112	(69 - 117)			SW846 6020	12/14-12/16/10	MA8WN1DN
	112	(69 - 117)	0.08	(0-20)	SW846 6020	12/14-12/16/10	MA8WN1DP
		Dilution Factor: 1					
		Analysis Time..: 18:19			Instrument ID..: I8	Analyst ID.....: 001576	
Lead	105	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1DC
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1DD
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Barium	111	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1A9
	109	(75 - 125)	1.8	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CA
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Selenium	112	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1DE
	110	(75 - 125)	1.8	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1DF
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	104	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CC
	102	(75 - 125)	1.9	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CD
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/14-12/16/10	MA8WN1CE
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/14-12/16/10	MA8WN1CF
		Dilution Factor: 5					
		Analysis Time..: 04:06			Instrument ID..: I6	Analyst ID.....: 000079	
Chromium	105	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CG
	103	(75 - 125)	1.7	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CH
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Cobalt	106	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CJ
	104	(75 - 125)	1.5	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CK
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Copper	112	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CL
	110	(75 - 125)	1.7	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CM
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Iron	109	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CN
	107	(75 - 125)	1.6	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CP
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Magnesium	105	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CQ
	104	(75 - 125)	0.69	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CR
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Manganese	107	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CT
	106	(75 - 125)	0.56	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CU
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Nickel	104	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CV
	102	(75 - 125)	1.8	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1CW
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	116	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1CX
	114	(75 - 125)	1.0	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1C0
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Silver	111	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1C1
	113	(75 - 125)	1.9	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1C2
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Sodium	113	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1C3
	112	(75 - 125)	0.27	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1C4
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Vanadium	106	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1C5
	104	(75 - 125)	1.8	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1C6
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Zinc	110	(75 - 125)			SW846 6010B	12/14-12/15/10	MA8WN1C7
	110	(75 - 125)	0.08	(0-20)	SW846 6010B	12/14-12/15/10	MA8WN1C8
		Dilution Factor: 1					
		Analysis Time..: 10:45			Instrument ID..: I6	Analyst ID.....: 000079	
Mercury	90	(69 - 134)			SW846 7470A	12/14-12/16/10	MA8WN1DQ
	90	(69 - 134)	0.13	(0-20)	SW846 7470A	12/14-12/16/10	MA8WN1DR
		Dilution Factor: 1					
		Analysis Time..: 14:16			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L130406-001 **Prep Batch #...:** 0348010									
Aluminum									
	34.2	10000	9310	ug/L	93		SW846 6020	12/14-12/16/10	MA8WN1DG
	34.2	10000	9310	ug/L	93	0.04	SW846 6020	12/14-12/16/10	MA8WN1DH
			Dilution Factor: 1						
			Analysis Time..: 18:19		Instrument ID..: I8			Analyst ID.....: 001576	
Antimony									
	1.4	100	101	ug/L	100		SW846 6020	12/14-12/16/10	MA8WN1DL
	1.4	100	101	ug/L	100	0.09	SW846 6020	12/14-12/16/10	MA8WN1DM
			Dilution Factor: 1						
			Analysis Time..: 18:19		Instrument ID..: I8			Analyst ID.....: 001576	
Arsenic									
	2.7	100	103	ug/L	101		SW846 6020	12/14-12/16/10	MA8WN1DJ
	2.7	100	103	ug/L	100	0.09	SW846 6020	12/14-12/16/10	MA8WN1DK
			Dilution Factor: 1						
			Analysis Time..: 18:19		Instrument ID..: I8			Analyst ID.....: 001576	
Cadmium									
	ND	50.0	51.7	ug/L	103		SW846 6010B	12/14-12/15/10	MA8WN1C9
	ND	50.0	51.1	ug/L	102	1.1	SW846 6010B	12/14-12/15/10	MA8WN1DA
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Thallium									
	ND	100	112	ug/L	112		SW846 6020	12/14-12/16/10	MA8WN1DN
	ND	100	112	ug/L	112	0.08	SW846 6020	12/14-12/16/10	MA8WN1DP
			Dilution Factor: 1						
			Analysis Time..: 18:19		Instrument ID..: I8			Analyst ID.....: 001576	
Lead									
	ND	500	526	ug/L	105		SW846 6010B	12/14-12/15/10	MA8WN1DC
	ND	500	517	ug/L	103	1.8	SW846 6010B	12/14-12/15/10	MA8WN1DD
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Barium									
	81.6	2000	2300	ug/L	111		SW846 6010B	12/14-12/15/10	MA8WN1A9
	81.6	2000	2260	ug/L	109	1.8	SW846 6010B	12/14-12/15/10	MA8WN1CA
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2230	ug/L	112		SW846 6010B	12/14-12/15/10	MA8WN1DE
	ND	2000	2190	ug/L	110	1.8	SW846 6010B	12/14-12/15/10	MA8WN1DF
			Dilution Factor: 1						
			Analysis Time..: 10:45	Instrument ID..: I6			Analyst ID.....: 000079		
Beryllium									
	ND	50.0	52.0	ug/L	104		SW846 6010B	12/14-12/15/10	MA8WN1CC
	ND	50.0	51.0	ug/L	102	1.9	SW846 6010B	12/14-12/15/10	MA8WN1CD
			Dilution Factor: 1						
			Analysis Time..: 10:45	Instrument ID..: I6			Analyst ID.....: 000079		
Calcium									
	712000	50000	762000	ug/L			SW846 6010B	12/14-12/16/10	MA8WN1CE
			Qualifiers: NC,MSB						
	712000	50000	761000	ug/L			SW846 6010B	12/14-12/16/10	MA8WN1CF
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 04:06	Instrument ID..: I6			Analyst ID.....: 000079		
Chromium									
	ND	200	210	ug/L	105		SW846 6010B	12/14-12/15/10	MA8WN1CG
	ND	200	207	ug/L	103	1.7	SW846 6010B	12/14-12/15/10	MA8WN1CH
			Dilution Factor: 1						
			Analysis Time..: 10:45	Instrument ID..: I6			Analyst ID.....: 000079		
Cobalt									
	9.6	500	538	ug/L	106		SW846 6010B	12/14-12/15/10	MA8WN1CJ
	9.6	500	529	ug/L	104	1.5	SW846 6010B	12/14-12/15/10	MA8WN1CK
			Dilution Factor: 1						
			Analysis Time..: 10:45	Instrument ID..: I6			Analyst ID.....: 000079		
Copper									
	21.8	250	303	ug/L	112		SW846 6010B	12/14-12/15/10	MA8WN1CL
	21.8	250	298	ug/L	110	1.7	SW846 6010B	12/14-12/15/10	MA8WN1CM
			Dilution Factor: 1						
			Analysis Time..: 10:45	Instrument ID..: I6			Analyst ID.....: 000079		
Iron									
	184	1000	1280	ug/L	109		SW846 6010B	12/14-12/15/10	MA8WN1CN
	184	1000	1260	ug/L	107	1.6	SW846 6010B	12/14-12/15/10	MA8WN1CP
			Dilution Factor: 1						
			Analysis Time..: 10:45	Instrument ID..: I6			Analyst ID.....: 000079		

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	44200	50000	96900	ug/L	105		SW846 6010B	12/14-12/15/10	MA8WN1CQ
	44200	50000	96300	ug/L	104	0.69	SW846 6010B	12/14-12/15/10	MA8WN1CR
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Manganese									
	548	500	1090	ug/L	107		SW846 6010B	12/14-12/15/10	MA8WN1CT
	548	500	1080	ug/L	106	0.56	SW846 6010B	12/14-12/15/10	MA8WN1CU
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Nickel									
	20.7	500	542	ug/L	104		SW846 6010B	12/14-12/15/10	MA8WN1CV
	20.7	500	533	ug/L	102	1.8	SW846 6010B	12/14-12/15/10	MA8WN1CW
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Potassium									
	22700	50000	80600	ug/L	116		SW846 6010B	12/14-12/15/10	MA8WN1CX
	22700	50000	79800	ug/L	114	1.0	SW846 6010B	12/14-12/15/10	MA8WN1C0
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Silver									
	ND	50.0	55.4	ug/L	111		SW846 6010B	12/14-12/15/10	MA8WN1C1
	ND	50.0	56.5	ug/L	113	1.9	SW846 6010B	12/14-12/15/10	MA8WN1C2
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Sodium									
	179000	50000	235000	ug/L	113		SW846 6010B	12/14-12/15/10	MA8WN1C3
	179000	50000	235000	ug/L	112	0.27	SW846 6010B	12/14-12/15/10	MA8WN1C4
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Vanadium									
	3.0	500	534	ug/L	106		SW846 6010B	12/14-12/15/10	MA8WN1C5
	3.0	500	524	ug/L	104	1.8	SW846 6010B	12/14-12/15/10	MA8WN1C6
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	632	500	1180	ug/L	110		SW846 6010B	12/14-12/15/10	MA8WN1C7
	632	500	1180	ug/L	110	0.08	SW846 6010B	12/14-12/15/10	MA8WN1C8
			Dilution Factor: 1						
			Analysis Time..: 10:45		Instrument ID..: I6			Analyst ID.....: 000079	
Mercury									
	ND	1.0	0.90	ug/L	90		SW846 7470A	12/14-12/16/10	MA8WN1DQ
	ND	1.0	0.90	ug/L	90	0.13	SW846 7470A	12/14-12/16/10	MA8WN1DR
			Dilution Factor: 1						
			Analysis Time..: 14:16		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-121010

General Chemistry

Lot-Sample #...: A0L130406-001 **Work Order #...:** MA8WN **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**3.1**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364208**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**20.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364206**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/20/10	0354375
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**956**	**10.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 10		MDL.....: 1.2		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-121010

General Chemistry

Lot-Sample #...: A0L130406-003 **Work Order #...:** MA8WQ **Matrix.....:** WG
Date Sampled...: 12/10/10 10:03 **Date Received..:** 12/11/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.14 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364208**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**36.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364206**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/20/10	0354375
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**164**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-121010

General Chemistry

Lot-Sample #...: A0L130406-004 **Work Order #...:** MA8WR **Matrix.....:** WG
Date Sampled...: 12/10/10 11:05 **Date Received..:** 12/11/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.88**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364208**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**30.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364206**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.054**	**0.010**	**mg/L**	**SW846 9012A**	**12/20/10**	**0354375**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**242**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 5		MDL.....: 0.60		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MCXHJ1AA		MB Lot-Sample #:	A0L300000-208	
	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1				
Chloride		Work Order #: MCXHG1AA		MB Lot-Sample #:	A0L300000-206	
	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1				
Sulfate		Work Order #: MCXHM1AA		MB Lot-Sample #:	A0L300000-211	
	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1				
Total Cyanide		Work Order #: MCLFQ1AA		MB Lot-Sample #:	A0L200000-375	
	ND	0.010	mg/L	SW846 9012A	12/20/10	0354375
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0L130406 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCXHJ1AC-LCS/MCXHJ1AD-LCSD LCS Lot-Sample#: A0L300000-208					
	103	(90 - 110)			MCAWW 300.0A	12/29/10	0364208
	104	(90 - 110)	0.48	(0-20)	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1					
Chloride		WO#:MCXHG1AC-LCS/MCXHG1AD-LCSD LCS Lot-Sample#: A0L300000-206					
	108	(90 - 110)			MCAWW 300.0A	12/29/10	0364206
	108	(90 - 110)	0.09	(0-20)	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1					
Sulfate		WO#:MCXHM1AC-LCS/MCXHM1AD-LCSD LCS Lot-Sample#: A0L300000-211					
	103	(90 - 110)			MCAWW 300.0A	12/29/10	0364211
	103	(90 - 110)	0.37	(0-20)	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0L130406 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCXHJ1AC-LCS/MCXHJ1AD-LCSD LCS Lot-Sample#: A0L300000-208						
	10.0	10.3	mg/L	103		MCAWW 300.0A	12/29/10	0364208
	10.0	10.4	mg/L	104	0.48	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1						
Chloride		WO#:MCXHG1AC-LCS/MCXHG1AD-LCSD LCS Lot-Sample#: A0L300000-206						
	50.0	53.9	mg/L	108		MCAWW 300.0A	12/29/10	0364206
	50.0	53.9	mg/L	108	0.09	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1						
Sulfate		WO#:MCXHM1AC-LCS/MCXHM1AD-LCSD LCS Lot-Sample#: A0L300000-211						
	50.0	51.3	mg/L	103		MCAWW 300.0A	12/29/10	0364211
	50.0	51.5	mg/L	103	0.37	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #: MCLFQ1AC	LCS Lot-Sample#: A0L200000-375		
	104	(69 - 118)	SW846 9012A	12/20/10	0354375
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide	Work Order #: MCLFQ1AC				LCS Lot-Sample#: A0L200000-375		
	0.39	0.41	mg/L	104	SW846 9012A	12/20/10	0354375
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MA8WN1HX		MS Lot-Sample #: A0L130406-001	
	108	(80 - 120)	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1			
Chloride		Work Order #...: MA8WN1HW		MS Lot-Sample #: A0L130406-001	
	118	(80 - 120)	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WG
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MA8WN1HX			MS Lot-Sample #: A0L130406-001		
	3.1	10.0	13.9	mg/L	108	MCAWW 300.0A	12/29/10	0364208
			Dilution Factor: 1					
Chloride			Work Order #...: MA8WN1HW			MS Lot-Sample #: A0L130406-001		
	20.5	50.0	79.4	mg/L	118	MCAWW 300.0A	12/29/10	0364206
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER
Date Sampled...: 12/09/10 11:55 **Date Received..:** 12/11/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MA8971AJ-MS/MA8971AK-MSD				MS Lot-Sample #: A0L130431-001	
	77	(42 - 140)			SW846 9012A	12/20/10	0354376
	67	(42 - 140)	7.5	(0-20)	SW846 9012A	12/20/10	0354376
		Dilution Factor: 1					
Sulfate		WO#: MCFVP1AF-MS/MCFVP1AG-MSD				MS Lot-Sample #: A0L160521-004	
	110	(80 - 120)			MCAWW 300.0A	12/30/10	0364211
	107	(80 - 120)	1.2	(0-20)	MCAWW 300.0A	12/30/10	0364211
		Dilution Factor: 2					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER
Date Sampled...: 12/09/10 11:55 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MA8971AJ-MS/MA8971AK-MSD				MS Lot-Sample #: A0L130431-001		
	0.012	0.040	0.054	mg/L	77		SW846 9012A	12/20/10	0354376
	0.012	0.040	0.050	mg/L	67	7.5	SW846 9012A	12/20/10	0354376
			Dilution Factor: 1						
Sulfate			WO#: MCFVP1AF-MS/MCFVP1AG-MSD				MS Lot-Sample #: A0L160521-004		
	55.3	50.0	110	mg/L	110		MCAWW 300.0A	12/30/10	0364211
	55.3	50.0	109	mg/L	107	1.2	MCAWW 300.0A	12/30/10	0364211
			Dilution Factor: 2						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MCAFC1A9		MS Lot-Sample #: A0L140424-003	
	117	(80 - 120)	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1			
Sulfate		Work Order #...: MCAFC1CA		MS Lot-Sample #: A0L140424-003	
	108	(80 - 120)	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1			
Sulfate		Work Order #...: MCFVF1AJ		MS Lot-Sample #: A0L160521-001	
	99	(80 - 120)	MCAWW 300.0A	12/30/10	0364211
		Dilution Factor: 5			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L130406 **Matrix.....:** WATER
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MCAFC1A9			MS Lot-Sample #: A0L140424-003		
	ND	10.0	11.7	mg/L	117	MCAWW 300.0A	12/29/10	0364208
			Dilution Factor: 1					
Sulfate			Work Order #...: MCAFC1CA			MS Lot-Sample #: A0L140424-003		
	ND	50.0	54.2	mg/L	108	MCAWW 300.0A	12/29/10	0364211
			Dilution Factor: 1					
Sulfate			Work Order #...: MCFVF1AJ			MS Lot-Sample #: A0L160521-001		
	117	50.0	166	mg/L	99	MCAWW 300.0A	12/30/10	0364211
			Dilution Factor: 5					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A0L140424

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
1/7/2011 4:00 PM

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January 07, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 21
GC/MS Semivolatile Data 42
Inorganic/Metals Data 68
General Chemistry Data 103

Total # of Pages in this Document 121

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A0L140424

The following report contains the analytical results for six water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received December 14, 2010, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on January 03, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.9 and 2.4°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

CASE NARRATIVE (continued)

METALS (cont)

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for GW-WT115A-121310 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

No ICP Trace Form IX provided for batch(es) 0349012. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The matrix spike/matrix spike duplicate(s) for batch(es) 1003232 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The CCV exceeded method criteria on the high side for chloride and bromide analyzed by method 300.0 for samples GW-WT115A-121310-E, GW-WT04-121310, GW-WT04-121310-D, GW-WT03-121310 and GW-WT02-121310. Since the sample results were below the requested reporting limit the results were accepted.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0L140424

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT115A-121310 12/13/10 12:38 001				
Aluminum	179	50.0	ug/L	SW846 6020
Arsenic	2.4	1.0	ug/L	SW846 6020
Antimony	0.15 B	2.0	ug/L	SW846 6020
Thallium	0.16 B	1.0	ug/L	SW846 6020
Barium	101 B,J	200	ug/L	SW846 6010B
Calcium	300000 J	5000	ug/L	SW846 6010B
Iron	1670	100	ug/L	SW846 6010B
Magnesium	11500	5000	ug/L	SW846 6010B
Manganese	98.6 J	15.0	ug/L	SW846 6010B
Potassium	7320 J	5000	ug/L	SW846 6010B
Sodium	31100	5000	ug/L	SW846 6010B
Vanadium	5.5 B	50.0	ug/L	SW846 6010B
Butyl benzyl phthalate	1.8	1.0	ug/L	SW846 8270C
Benzene	16	1.0	ug/L	SW846 8260B
Cyclohexane	0.18 J	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	1.2	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.8	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.41 J	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	0.25 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.53 J	1.0	ug/L	SW846 8260B
Chloride	28.1	1.0	mg/L	MCAWW 300.0A
Sulfate	238	5.0	mg/L	MCAWW 300.0A
Bromide	0.63	0.50	mg/L	MCAWW 300.0A
GW-WT115A-121310-E 12/13/10 12:58 003				
Thallium	0.32 B	1.0	ug/L	SW846 6020
Cadmium	0.67 B	1.0	ug/L	SW846 6010B
Manganese	2.9 B,J	15.0	ug/L	SW846 6010B
Potassium	159 B,J	5000	ug/L	SW846 6010B
Vanadium	1.6 B	50.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	0.86 J,B	2.0	ug/L	SW846 8270C
GW-WT04-121310 12/13/10 14:22 004				
Aluminum	49.0 B	50.0	ug/L	SW846 6020
Arsenic	11.9	1.0	ug/L	SW846 6020
Thallium	0.20 B	1.0	ug/L	SW846 6020
Barium	60.0 B,J	200	ug/L	SW846 6010B
Calcium	55100 J	5000	ug/L	SW846 6010B
Iron	1490	100	ug/L	SW846 6010B
Magnesium	18700	5000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L140424

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT04-121310 12/13/10 14:22 004				
Manganese	137 J	15.0	ug/L	SW846 6010B
Potassium	929 B,J	5000	ug/L	SW846 6010B
Sodium	5530	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.3 J,B	2.0	ug/L	SW846 8270C
2-Butanone	0.80 J	10	ug/L	SW846 8260B
Chloride	3.0	1.0	mg/L	MCAWW 300.0A
Sulfate	7.5	1.0	mg/L	MCAWW 300.0A
GW-WT04-121310-D 12/13/10 14:30 005				
Aluminum	98.8	50.0	ug/L	SW846 6020
Arsenic	11.9	1.0	ug/L	SW846 6020
Thallium	0.14 B	1.0	ug/L	SW846 6020
Barium	60.0 B,J	200	ug/L	SW846 6010B
Calcium	55500 J	5000	ug/L	SW846 6010B
Iron	1570	100	ug/L	SW846 6010B
Magnesium	18900	5000	ug/L	SW846 6010B
Manganese	139 J	15.0	ug/L	SW846 6010B
Potassium	939 B,J	5000	ug/L	SW846 6010B
Sodium	5560	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.0 J,B	2.0	ug/L	SW846 8270C
Acetone	1.3 J	10	ug/L	SW846 8260B
2-Butanone	0.74 J	10	ug/L	SW846 8260B
Chloride	2.8	1.0	mg/L	MCAWW 300.0A
Sulfate	7.7	1.0	mg/L	MCAWW 300.0A
GW-WT03-121310 12/13/10 15:47 006				
Aluminum	223	50.0	ug/L	SW846 6020
Arsenic	6.7	1.0	ug/L	SW846 6020
Barium	72.0 B,J	200	ug/L	SW846 6010B
Calcium	56300 J	5000	ug/L	SW846 6010B
Iron	849	100	ug/L	SW846 6010B
Magnesium	18900	5000	ug/L	SW846 6010B
Manganese	42.0 J	15.0	ug/L	SW846 6010B
Potassium	921 B,J	5000	ug/L	SW846 6010B
Sodium	4540 B	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	0.90 J,B	2.0	ug/L	SW846 8270C
Chloride	1.6	1.0	mg/L	MCAWW 300.0A
Sulfate	13.0	1.0	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L140424

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT02-121310 12/13/10 16:41 007				
Arsenic	2.9	1.0	ug/L	SW846 6020
Barium	84.8 B,J	200	ug/L	SW846 6010B
Calcium	73600 J	5000	ug/L	SW846 6010B
Iron	1040	100	ug/L	SW846 6010B
Magnesium	16200	5000	ug/L	SW846 6010B
Manganese	271 J	15.0	ug/L	SW846 6010B
Potassium	2190 B,J	5000	ug/L	SW846 6010B
Sodium	21400	5000	ug/L	SW846 6010B
Butyl benzyl phthalate	1.6	1.0	ug/L	SW846 8270C
Chloride	42.1	1.0	mg/L	MCAWW 300.0A
Sulfate	71.8	1.0	mg/L	MCAWW 300.0A

TestAmerica
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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0L140424

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A0L140424

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MCAEH	001	GW-WT115A-121310	12/13/10	12:38
MCAEW	002	TRIP BLANK-121310-5	12/13/10	12:50
MCAFC	003	GW-WT115A-121310-E	12/13/10	12:58
MCAFK	004	GW-WT04-121310	12/13/10	14:22
MCAFL	005	GW-WT04-121310-D	12/13/10	14:30
MCAFM	006	GW-WT03-121310	12/13/10	15:47
MCAFP	007	GW-WT02-121310	12/13/10	16:41

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA- North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HEMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Poange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	TAL Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	12/13/10	1238	GW-WT11SA-121310	Water	6	X	X	X	X	X	X	
2		1250	TRIP BLANK-121310-S		1	X						
3		1288	GW-WT11SA-121310-E		6	X	X	X	X	X	X	
4		1422	GW-WT04-121310		6	X	X	X	X	X	X	
5		1430	GW-WT04-121310-D		6	X	X	X	X	X	X	
6		1547	GW-WT03-121310		6	X	X	X	X	X	X	
7	12/13/10	1641	GW-WT02-121310	Water	6	X	X	X	X	X	X	
			TOTAL NUMBER OF CONTAINERS		37							

RELINQUISHED BY: ① _____	DATE: 12/13/10 TIME: 1730	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8224 2398 3942

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Poange, Shawn M. Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 12/14/10 TIME: 1050

2211

400001-00(SOURCE)GN-CO007

North Canton

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prunger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	12/13/10	1238	GW-WT115A-121310	Water	2	X	
2		1258	GW-WT115A-121310-E		2	X	
3		1422	GW-WT04-121310		2	X	
4		1430	GW-WT04-121310-D		2	X	
5		1547	GW-WT03-121310		2	X	
6	12/13/10	1641	GW-WT02-121310	Water	2	X	

TOTAL NUMBER OF CONTAINERS 12

RELINQUISHED BY: (1) _____	DATE: 12/13/10 TIME: 1730	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: Fed Ex **TRACKING No.** 8724 2398 3942

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prunger, Shawn M. Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 12/14/10 TIME: 1050

2212

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 440140424

North Canton Facility

Client ERA Project HmCo By: (Signature)

Cooler Received on 12-14-10 Opened on 12-14-10

FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other

TestAmerica Cooler # Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 4 Quantity Unsalvageable
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions?
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other
6. Cooler temperature upon receipt °C See back of form for multiple coolers/temps ☑ BACK
   METHOD: IR ☑ Other ☐
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM Date by via Verbal ☐ Voice Mail ☐ Other ☐

Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 051010-HNO_3; *Sulfuric Acid Lot#* 051010-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
115A	<2 >12	12-14-10	CSL
115A E	<2 >12		
T04	<2 >12		
T04D	<2 >12		
T03	<2 >12		
T02	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
6860-146	1.9	IR	Ice
Client	2.4	+	+

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-001 **Work Order #...:** MCAEH1AA **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**16**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	**0.18 J**	**1.0**	**ug/L**	**0.12**
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**1.2**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**4.8**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.41 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	**0.25 J**	**1.0**	**ug/L**	**0.18**
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-001 **Work Order #...:** MCAEH1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.53 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
1,2-Dichloroethane-d4	97	(63 - 129)
Toluene-d8	91	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-121310-5

GC/MS Volatiles

Lot-Sample #...: A0L140424-002 **Work Order #...:** MCAEW1AA **Matrix.....:** WQ
Date Sampled...: 12/13/10 12:50 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-121310-5

GC/MS Volatiles

Lot-Sample #...: A0L140424-002 **Work Order #...:** MCAEW1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

GC/MS Volatiles

Lot-Sample #...: A0L140424-003 **Work Order #...:** MCAFC1AL **Matrix.....:** WG
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

GC/MS Volatiles

Lot-Sample #...: A0L140424-003 **Work Order #...:** MCAFC1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(75 - 121)
1,2-Dichloroethane-d4	107	(63 - 129)
Toluene-d8	92	(74 - 115)
4-Bromofluorobenzene	81	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-004 **Work Order #...:** MCAFK1AL **Matrix.....:** WG
Date Sampled...: 12/13/10 14:22 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**0.80 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-004 **Work Order #...:** MCAFK1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	106	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	81	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

GC/MS Volatiles

Lot-Sample #...: A0L140424-005 **Work Order #...:** MCAFL1AL **Matrix.....:** WG
Date Sampled...: 12/13/10 14:30 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.3 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**0.74 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

GC/MS Volatiles

Lot-Sample #...: A0L140424-005 **Work Order #...:** MCAFL1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	87	(74 - 115)
4-Bromofluorobenzene	78	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-006 **Work Order #...:** MCAFM1AL **Matrix.....:** WG
Date Sampled...: 12/13/10 15:47 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-006 **Work Order #...:** MCAFM1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	105	(63 - 129)
Toluene-d8	91	(74 - 115)
4-Bromofluorobenzene	81	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-007 **Work Order #...:** MCAFP1AL **Matrix.....:** WG
Date Sampled...: 12/13/10 16:41 **Date Received..:** 12/14/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

GC/MS Volatiles

Lot-Sample #...: A0L140424-007 **Work Order #...:** MCAFP1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	111	(63 - 129)
Toluene-d8	95	(74 - 115)
4-Bromofluorobenzene	85	(66 - 117)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L140424 **Work Order #...:** MCHTJ1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L170000-283

Prep Date.....: 12/17/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/17/10 **Prep Batch #...:** 0351283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L140424 **Work Order #...:** MCHTJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	95	(74 - 115)
4-Bromofluorobenzene	85	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L140424 **Work Order #...:** MCHTJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L170000-283 MCHTJ1AD-LCSD
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**97**	**(83 - 112)**			**SW846 8260B**
	100	**(83 - 112)**	**3.2**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**100**	**(85 - 110)**			**SW846 8260B**
	102	**(85 - 110)**	**2.1**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**104**	**(78 - 131)**			**SW846 8260B**
	101	**(78 - 131)**	**2.8**	**(0-30)**	**SW846 8260B**
Toluene	**101**	**(84 - 111)**			**SW846 8260B**
	102	**(84 - 111)**	**1.2**	**(0-30)**	**SW846 8260B**
Trichloroethene	**104**	**(76 - 117)**			**SW846 8260B**
	104	**(76 - 117)**	**0.69**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
	103	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
	103	(63 - 129)
Toluene-d8	97	(74 - 115)
	100	(74 - 115)
4-Bromofluorobenzene	100	(66 - 117)
	106	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L140424 **Work Order #...:** MCHTJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L170000-283 MCHTJ1AD-LCSD
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**3.2**	**SW846 8260B**
Chlorobenzene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**10**	**ug/L**	**102**	**2.1**	**SW846 8260B**
1,1-Dichloroethene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**101**	**2.8**	**SW846 8260B**
Toluene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**10**	**ug/L**	**102**	**1.2**	**SW846 8260B**
Trichloroethene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**104**	**0.69**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
	103	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
	103	(63 - 129)
Toluene-d8	97	(74 - 115)
	100	(74 - 115)
4-Bromofluorobenzene	100	(66 - 117)
	106	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L140424 **Work Order #...:** MA8AL1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L110431-002 MA8AL1CF-MSD
Date Sampled...: 12/10/10 10:18 **Date Received..:** 12/11/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 25 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**94**	**(72 - 121)**			**SW846 8260B**
	93	**(72 - 121)**	**1.1**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**97**	**(80 - 110)**			**SW846 8260B**
	96	**(80 - 110)**	**1.6**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**100**	**(74 - 135)**			**SW846 8260B**
	98	**(74 - 135)**	**2.5**	**(0-30)**	**SW846 8260B**
Toluene	**99**	**(78 - 114)**			**SW846 8260B**
	96	**(78 - 114)**	**3.4**	**(0-30)**	**SW846 8260B**
Trichloroethene	**101**	**(66 - 120)**			**SW846 8260B**
	100	**(66 - 120)**	**1.1**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	108	(63 - 129)
	102	(63 - 129)
Toluene-d8	98	(74 - 115)
	95	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)
	99	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L140424 **Work Order #...:** MA8AL1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L110431-002 MA8AL1CF-MSD
Date Sampled...: 12/10/10 10:18 **Date Received..:** 12/11/10
Prep Date.....: 12/17/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0351283
Dilution Factor: 25 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**11**	**250**	**250**	**ug/L**	**94**		**SW846 8260B**
	11	**250**	**240**	**ug/L**	**93**	**1.1**	**SW846 8260B**
Chlorobenzene	**ND**	**250**	**240**	**ug/L**	**97**		**SW846 8260B**
	ND	**250**	**240**	**ug/L**	**96**	**1.6**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**250**	**250**	**ug/L**	**100**		**SW846 8260B**
	ND	**250**	**240**	**ug/L**	**98**	**2.5**	**SW846 8260B**
Toluene	**8.5**	**250**	**260**	**ug/L**	**99**		**SW846 8260B**
	8.5	**250**	**250**	**ug/L**	**96**	**3.4**	**SW846 8260B**
Trichloroethene	**ND**	**250**	**250**	**ug/L**	**101**		**SW846 8260B**
	ND	**250**	**250**	**ug/L**	**100**	**1.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	108	(63 - 129)
	102	(63 - 129)
Toluene-d8	98	(74 - 115)
	95	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)
	99	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-001 **Work Order #...:** MCAEH1AC **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	**1.8**	**1.0**	**ug/L**	**0.80**
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-001 **Work Order #...:** MCAEH1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-001 **Work Order #...:** MCAEH1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	65	(37 - 119)
Phenol-d5	62	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	76	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-003 **Work Order #...:** MCAFC1AM **Matrix.....:** WG
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**0.86 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-003 **Work Order #...:** MCAFC1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-003 **Work Order #...:** MCAFC1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	63	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	68	(10 - 110)
2-Fluorophenol	66	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-004 **Work Order #...:** MCAFK1AM **Matrix.....:** WG
Date Sampled...: 12/13/10 14:22 **Date Received..:** 12/14/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.3 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-004 **Work Order #...:** MCAFK1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-004 **Work Order #...:** MCAFK1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	87	(37 - 119)
Phenol-d5	69	(10 - 110)
2-Fluorophenol	67	(10 - 110)
2,4,6-Tribromophenol	80	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-005 **Work Order #...:** MCAFL1AM **Matrix.....:** WG
Date Sampled...: 12/13/10 14:30 **Date Received..:** 12/14/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.0 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-005 **Work Order #...:** MCAFL1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-005 **Work Order #...:** MCAFL1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	92	(37 - 119)
Phenol-d5	71	(10 - 110)
2-Fluorophenol	70	(10 - 110)
2,4,6-Tribromophenol	88	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-006 **Work Order #...:** MCAFM1AM **Matrix.....:** WG
Date Sampled...: 12/13/10 15:47 **Date Received..:** 12/14/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**0.90 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-006 **Work Order #...:** MCAFM1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-006 **Work Order #...:** MCAFM1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	54	(10 - 110)
2-Fluorophenol	53	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-007 **Work Order #...:** MCAFP1AM **Matrix.....:** WG
Date Sampled...: 12/13/10 16:41 **Date Received..:** 12/14/10
Prep Date.....: 12/15/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 1020 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	**1.6**	**1.0**	**ug/L**	**0.80**
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-007 **Work Order #...:** MCAFP1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

GC/MS Semivolatiles

Lot-Sample #...: A0L140424-007 **Work Order #...:** MCAFP1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	65	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	77	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L150000-032

Prep Date.....: 12/15/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/17/10 **Prep Batch #...:** 0349032
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**0.99 J**	**2.0**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	90	(37 - 119)
Phenol-d5	67	(10 - 110)
2-Fluorophenol	70	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-032 MCC2K1AD-LCSD
Prep Date.....: 12/15/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**80**	**(40 - 110)**			**SW846 8270C**
	87	**(40 - 110)**	**7.5**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**68**	**(25 - 110)**			**SW846 8270C**
	77	**(25 - 110)**	**13**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**73**	**(19 - 110)**			**SW846 8270C**
	80	**(19 - 110)**	**9.5**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**88**	**(39 - 110)**			**SW846 8270C**
	94	**(39 - 110)**	**6.3**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**85**	**(27 - 110)**			**SW846 8270C**
	90	**(27 - 110)**	**4.9**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**90**	**(52 - 123)**			**SW846 8270C**
	97	**(52 - 123)**	**6.6**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**86**	**(12 - 130)**			**SW846 8270C**
	103	**(12 - 130)**	**17**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**84**	**(37 - 121)**			**SW846 8270C**
	97	**(37 - 121)**	**15**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**45**	**(26 - 110)**			**SW846 8270C**
	51	**(26 - 110)**	**13**	**(0-30)**	**SW846 8270C**
Phenol	**85**	**(14 - 112)**			**SW846 8270C**
	92	**(14 - 112)**	**8.1**	**(0-30)**	**SW846 8270C**
Pyrene	**82**	**(55 - 120)**			**SW846 8270C**
	91	**(55 - 120)**	**11**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
	89	(27 - 111)
2-Fluorobiphenyl	78	(28 - 110)
	85	(28 - 110)
Terphenyl-d14	97	(37 - 119)
	104	(37 - 119)
Phenol-d5	87	(10 - 110)
	94	(10 - 110)
2-Fluorophenol	83	(10 - 110)
	96	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-032 MCC2K1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(22 - 120)
	89	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-032 MCC2K1AD-LCSD
Prep Date.....: 12/15/10 **Analysis Date..:** 12/17/10
Prep Batch #...: 0349032
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	**20**	**16**	**ug/L**	**80**		**SW846 8270C**
	20	**17**	**ug/L**	**87**	**7.5**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**14**	**ug/L**	**68**		**SW846 8270C**
	20	**15**	**ug/L**	**77**	**13**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**15**	**ug/L**	**73**		**SW846 8270C**
	20	**16**	**ug/L**	**80**	**9.5**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**18**	**ug/L**	**88**		**SW846 8270C**
	20	**19**	**ug/L**	**94**	**6.3**	**SW846 8270C**
2-Chlorophenol	**20**	**17**	**ug/L**	**85**		**SW846 8270C**
	20	**18**	**ug/L**	**90**	**4.9**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**18**	**ug/L**	**90**		**SW846 8270C**
	20	**19**	**ug/L**	**97**	**6.6**	**SW846 8270C**
4-Nitrophenol	**20**	**17**	**ug/L**	**86**		**SW846 8270C**
	20	**21**	**ug/L**	**103**	**17**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**17**	**ug/L**	**84**		**SW846 8270C**
	20	**19**	**ug/L**	**97**	**15**	**SW846 8270C**
Pentachlorophenol	**20**	**9.0**	**ug/L**	**45**		**SW846 8270C**
	20	**10**	**ug/L**	**51**	**13**	**SW846 8270C**
Phenol	**20**	**17**	**ug/L**	**85**		**SW846 8270C**
	20	**18**	**ug/L**	**92**	**8.1**	**SW846 8270C**
Pyrene	**20**	**16**	**ug/L**	**82**		**SW846 8270C**
	20	**18**	**ug/L**	**91**	**11**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
	89	(27 - 111)
2-Fluorobiphenyl	78	(28 - 110)
	85	(28 - 110)
Terphenyl-d14	97	(37 - 119)
	104	(37 - 119)
Phenol-d5	87	(10 - 110)
	94	(10 - 110)
2-Fluorophenol	83	(10 - 110)
	96	(10 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L140424 **Work Order #...:** MCC2K1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L150000-032 MCC2K1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(22 - 120)
	89	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

TOTAL Metals

Lot-Sample #...: A0L140424-001 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0349012						
Aluminum	**179**	**50.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAEH1A0**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAEH1A1**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AV
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.15 B**	**2.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAEH1A2**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.16 B**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAEH1A3**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AW
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**101 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AD**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AX
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AE
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**300000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AF**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

TOTAL Metals

Lot-Sample #...: A0L140424-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AG
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AH
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AJ
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1670**	**100**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AK**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**11500**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AL**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**98.6 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AM**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AN
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**7320 J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AP**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AQ
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**31100**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AR**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

TOTAL Metals

Lot-Sample #...: A0L140424-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**5.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAEH1AT**
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/15-12/21/10	MCAEH1AU
		Dilution Factor: 1		Analysis Time..: 00:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCAEH1A4
		Dilution Factor: 1		Analysis Time..: 14:34	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

TOTAL Metals

Lot-Sample #...: A0L140424-003 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0349012						
Aluminum	ND	50.0	ug/L	SW846 6020	12/15-12/20/10	MCAFC1AA
		Dilution Factor: 1		Analysis Time..: 15:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	12/15-12/20/10	MCAFC1AC
		Dilution Factor: 1		Analysis Time..: 15:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	**0.67 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFC1A6**
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/15-12/20/10	MCAFC1AD
		Dilution Factor: 1		Analysis Time..: 15:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.32 B**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFC1AE**
		Dilution Factor: 1		Analysis Time..: 15:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1A7
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	ND	200	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AN
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1A8
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AP
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	ND	5000	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AQ
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

TOTAL Metals

Lot-Sample #...: A0L140424-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AR
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AT
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AU
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AV
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	ND	5000	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1AW
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**2.9 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFC1AX**
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1A0
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**159 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFC1A1**
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1A2
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	ND	5000	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1A3
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

TOTAL Metals

Lot-Sample #...: A0L140424-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**1.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFC1A4**
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFC1A5
		Dilution Factor: 1		Analysis Time..: 01:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCAFC1AF
		Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

TOTAL Metals

Lot-Sample #...: A0L140424-004 **Matrix.....:** WG
Date Sampled...: 12/13/10 14:22 **Date Received..:** 12/14/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0349012						
Aluminum	**49.0 B**	**50.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFK1AA**
		Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**11.9**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFK1AC**
		Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A6
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/15-12/20/10	MCAFK1AD
		Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.20 B**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFK1AE**
		Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A7
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**60.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1AN**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A8
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1AP
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**55100 J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1AQ**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

TOTAL Metals

Lot-Sample #...: A0L140424-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1AR
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1AT
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1AU
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1490**	**100**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1AV**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18700**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1AW**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**137 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1AX**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A0
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**929 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1A1**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A2
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**5530**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFK1A3**
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

TOTAL Metals

Lot-Sample #...: A0L140424-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A4
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFK1A5
		Dilution Factor: 1		Analysis Time..: 01:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCAFK1AF
		Dilution Factor: 1		Analysis Time..: 14:39	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

TOTAL Metals

Lot-Sample #...: A0L140424-005 **Matrix.....:** WG
Date Sampled...: 12/13/10 14:30 **Date Received..:** 12/14/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0349012						
Aluminum	**98.8**	**50.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFL1AA**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**11.9**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFL1AC**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A6
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/15-12/20/10	MCAFL1AD
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.14 B**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFL1AE**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A7
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**60.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1AN**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A8
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1AP
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**55500 J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1AQ**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

TOTAL Metals

Lot-Sample #...: A0L140424-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1AR
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1AT
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1AU
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1570**	**100**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1AV**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1AW**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**139 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1AX**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A0
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**939 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1A1**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A2
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**5560**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFL1A3**
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

TOTAL Metals

Lot-Sample #...: A0L140424-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A4
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFL1A5
		Dilution Factor: 1		Analysis Time..: 01:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCAFL1AF
		Dilution Factor: 1		Analysis Time..: 14:40	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

TOTAL Metals

Lot-Sample #...: A0L140424-006 **Matrix.....:** WG
Date Sampled...: 12/13/10 15:47 **Date Received..:** 12/14/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0349012						
Aluminum	**223**	**50.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFM1AA**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**6.7**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFM1AC**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A6
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/15-12/20/10	MCAFM1AD
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/15-12/20/10	MCAFM1AE
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A7
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**72.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1AN**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A8
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1AP
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**56300 J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1AQ**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

TOTAL Metals

Lot-Sample #...: A0L140424-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1AR
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1AT
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1AU
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**849**	**100**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1AV**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1AW**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**42.0 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1AX**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A0
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**921 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1A1**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A2
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**4540 B**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFM1A3**
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

TOTAL Metals

Lot-Sample #...: A0L140424-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A4
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFM1A5
		Dilution Factor: 1		Analysis Time..: 01:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCAFM1AF
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

TOTAL Metals

Lot-Sample #...: A0L140424-007 **Matrix.....:** WG
Date Sampled...: 12/13/10 16:41 **Date Received..:** 12/14/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0349012						
Aluminum	ND	50.0	ug/L	SW846 6020	12/15-12/20/10	MCAFP1AA
		Dilution Factor: 1		Analysis Time..: 15:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.9**	**1.0**	**ug/L**	**SW846 6020**	**12/15-12/20/10**	**MCAFP1AC**
		Dilution Factor: 1		Analysis Time..: 15:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A6
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/15-12/20/10	MCAFP1AD
		Dilution Factor: 1		Analysis Time..: 15:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/15-12/20/10	MCAFP1AE
		Dilution Factor: 1		Analysis Time..: 15:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A7
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**84.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1AN**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A8
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1AP
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**73600 J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1AQ**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

TOTAL Metals

Lot-Sample #...: A0L140424-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1AR
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1AT
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1AU
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1040**	**100**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1AV**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**16200**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1AW**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**271 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1AX**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A0
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2190 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1A1**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A2
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**21400**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/21/10**	**MCAFP1A3**
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

TOTAL Metals

Lot-Sample #...: A0L140424-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A4
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/15-12/21/10	MCAFP1A5
		Dilution Factor: 1		Analysis Time..: 01:29	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCAFP1AF
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0L150000-012 **Prep Batch #...:** 0349012						
Aluminum	ND	50.0	ug/L	SW846 6020	12/15-12/20/10	MCC1L1AW
		Dilution Factor: 1				
		Analysis Time..: 14:34	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	12/15-12/20/10	MCC1L1A0
		Dilution Factor: 1				
		Analysis Time..: 14:34	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	12/15-12/20/10	MCC1L1AX
		Dilution Factor: 1				
		Analysis Time..: 14:34	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AT
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	12/15-12/20/10	MCC1L1A1
		Dilution Factor: 1				
		Analysis Time..: 14:34	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AU
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.1 B**	**200**	**ug/L**	**SW846 6010B**	**12/15-12/20/10**	**MCC1L1AA**
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AV
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AC
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**306 B**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/20/10**	**MCC1L1AD**
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AE
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AF
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Copper	ND	25.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AG
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Iron	ND	100	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AH
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Magnesium	ND	5000	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AJ
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Manganese	**0.78 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/15-12/20/10**	**MCC1L1AK**
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Nickel	ND	40.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AL
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Potassium	**128 B**	**5000**	**ug/L**	**SW846 6010B**	**12/15-12/20/10**	**MCC1L1AM**
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Silver	ND	10.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AN
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Sodium	ND	5000	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AP
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/15-12/20/10	MCC1L1AQ
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Zinc	**23.6**	**20.0**	**ug/L**	**SW846 6010B**	**12/15-12/20/10**	**MCC1L1AR**
		Dilution Factor: 1				
		Analysis Time..: 23:57	Analyst ID.....: 001637		Instrument ID..: I6	
Mercury	ND	0.20	ug/L	SW846 7470A	12/15-12/16/10	MCC1L1A2
		Dilution Factor: 1				
		Analysis Time..: 14:29	Analyst ID.....: 001576		Instrument ID..: H1	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L150000-012 **Prep Batch #...:** 0349012					
Cadmium	92	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CK
		Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Aluminum	92	(80 - 120)	SW846 6020	12/15-12/20/10	MCC1L1CN
		Dilution Factor: 1	Analysis Time..: 15:13	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	90	(80 - 120)	SW846 6020	12/15-12/20/10	MCC1L1CP
		Dilution Factor: 1	Analysis Time..: 15:13	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	94	(80 - 120)	SW846 6020	12/15-12/20/10	MCC1L1CQ
		Dilution Factor: 1	Analysis Time..: 15:13	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	84	(80 - 120)	SW846 6020	12/15-12/20/10	MCC1L1CR
		Dilution Factor: 1	Analysis Time..: 15:13	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	94	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CL
		Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	95	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A3
		Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	94	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CM
		Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	96	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A4
		Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	94	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A5
		Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	93	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A6
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	93	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A7
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	91	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A8
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	95	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1A9
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	94	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CA
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	95	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CC
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	97	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CD
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	98	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CE
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	95	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CF
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	93	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CG
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	91	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CH
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	97	(80 - 120)	SW846 6010B	12/15-12/21/10	MCC1L1CJ
	Dilution Factor: 1	Analysis Time..: 00:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	107	(81 - 123)	SW846 7470A	12/15-12/16/10	MCC1L1CT
	Dilution Factor: 1	Analysis Time..: 14:31	Analyst ID.....: 001576		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L150000-012 **Prep Batch #...:** 0349012							
Cadmium	50.0	46.0	ug/L	92	SW846 6010B	12/15-12/21/10	MCC1L1CK
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Aluminum	10000	9180	ug/L	92	SW846 6020	12/15-12/20/10	MCC1L1CN
			Dilution Factor: 1		Analysis Time..: 15:13	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	90.1	ug/L	90	SW846 6020	12/15-12/20/10	MCC1L1CP
			Dilution Factor: 1		Analysis Time..: 15:13	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	93.8	ug/L	94	SW846 6020	12/15-12/20/10	MCC1L1CQ
			Dilution Factor: 1		Analysis Time..: 15:13	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	84.0	ug/L	84	SW846 6020	12/15-12/20/10	MCC1L1CR
			Dilution Factor: 1		Analysis Time..: 15:13	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	470	ug/L	94	SW846 6010B	12/15-12/21/10	MCC1L1CL
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1900	ug/L	95	SW846 6010B	12/15-12/21/10	MCC1L1A3
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1880	ug/L	94	SW846 6010B	12/15-12/21/10	MCC1L1CM
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	47.8	ug/L	96	SW846 6010B	12/15-12/21/10	MCC1L1A4
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	47000	ug/L	94	SW846 6010B	12/15-12/21/10	MCC1L1A5
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	185	ug/L	93	SW846 6010B	12/15-12/21/10	MCC1L1A6
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Cobalt	500	465	ug/L	93	SW846 6010B	12/15-12/21/10	MCC1L1A7
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Copper	250	228	ug/L	91	SW846 6010B	12/15-12/21/10	MCC1L1A8
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Iron	1000	946	ug/L	95	SW846 6010B	12/15-12/21/10	MCC1L1A9
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Magnesium	50000	46800	ug/L	94	SW846 6010B	12/15-12/21/10	MCC1L1CA
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Manganese	500	474	ug/L	95	SW846 6010B	12/15-12/21/10	MCC1L1CC
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Nickel	500	484	ug/L	97	SW846 6010B	12/15-12/21/10	MCC1L1CD
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Potassium	50000	48800	ug/L	98	SW846 6010B	12/15-12/21/10	MCC1L1CE
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Silver	50.0	47.5	ug/L	95	SW846 6010B	12/15-12/21/10	MCC1L1CF
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Sodium	50000	46400	ug/L	93	SW846 6010B	12/15-12/21/10	MCC1L1CG
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	500	457	ug/L	91	SW846 6010B	12/15-12/21/10	MCC1L1CH
		Dilution Factor: 1			Analysis Time..: 00:03	Analyst ID.....: 001637	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	485	ug/L	97	SW846 6010B	12/15-12/21/10	MCC1L1CJ
			Dilution Factor: 1		Analysis Time..: 00:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.4	ug/L	107	SW846 7470A	12/15-12/16/10	MCC1L1CT
			Dilution Factor: 1		Analysis Time..: 14:31	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L140424-001 **Prep Batch #...:** 0349012							
Aluminum	96	(63 - 128)			SW846 6020	12/15-12/20/10	MCAEH1DG
	94	(63 - 128)	2.2	(0-20)	SW846 6020	12/15-12/20/10	MCAEH1DH
		Dilution Factor: 1					
		Analysis Time..: 14:59			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	100	(44 - 153)			SW846 6020	12/15-12/20/10	MCAEH1DL
	100	(44 - 153)	0.49	(0-20)	SW846 6020	12/15-12/20/10	MCAEH1DM
		Dilution Factor: 1					
		Analysis Time..: 14:59			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	96	(82 - 123)			SW846 6020	12/15-12/20/10	MCAEH1DJ
	95	(82 - 123)	0.60	(0-20)	SW846 6020	12/15-12/20/10	MCAEH1DK
		Dilution Factor: 1					
		Analysis Time..: 14:59			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	96	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1C9
	97	(75 - 125)	1.6	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1DA
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	89	(69 - 117)			SW846 6020	12/15-12/20/10	MCAEH1DN
	90	(69 - 117)	0.97	(0-20)	SW846 6020	12/15-12/20/10	MCAEH1DP
		Dilution Factor: 1					
		Analysis Time..: 14:59			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	100	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1DC
	102	(75 - 125)	2.0	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1DD
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	104	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1A9
	106	(75 - 125)	1.5	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CA
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	100	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1DE
	102	(75 - 125)	1.8	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1DF
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	100	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CC
	103	(75 - 125)	2.1	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CD
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CE
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CF
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	99	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CG
	101	(75 - 125)	1.8	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CH
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	98	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CJ
	100	(75 - 125)	2.0	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CK
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	102	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CL
	104	(75 - 125)	1.6	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CM
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	95	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CN
	99	(75 - 125)	1.5	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CP
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	99	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CQ
	101	(75 - 125)	1.7	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CR
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	100	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CT
	103	(75 - 125)	1.9	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CU
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	102	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CV
	103	(75 - 125)	1.6	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1CW
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	110	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1CX
	111	(75 - 125)	0.79	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1C0
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	106	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1C1
	106	(75 - 125)	0.08	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1C2
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	98	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1C3
	100	(75 - 125)	1.0	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1C4
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	98	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1C5
	99	(75 - 125)	1.4	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1C6
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	103	(75 - 125)			SW846 6010B	12/15-12/21/10	MCAEH1C7
	105	(75 - 125)	1.7	(0-20)	SW846 6010B	12/15-12/21/10	MCAEH1C8
		Dilution Factor: 1					
		Analysis Time..: 00:52			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	98	(69 - 134)			SW846 7470A	12/15-12/16/10	MCAEH1DQ
	98	(69 - 134)	0.15	(0-20)	SW846 7470A	12/15-12/16/10	MCAEH1DR
		Dilution Factor: 1					
		Analysis Time..: 14:36			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L140424-001 **Prep Batch #...:** 0349012									
Aluminum									
	179	10000	9830	ug/L	96		SW846 6020	12/15-12/20/10	MCAEH1DG
	179	10000	9620	ug/L	94	2.2	SW846 6020	12/15-12/20/10	MCAEH1DH
			Dilution Factor: 1						
			Analysis Time..: 14:59		Instrument ID..: I8		Analyst ID.....: 000079		
Antimony									
	0.15	100	100	ug/L	100		SW846 6020	12/15-12/20/10	MCAEH1DL
	0.15	100	101	ug/L	100	0.49	SW846 6020	12/15-12/20/10	MCAEH1DM
			Dilution Factor: 1						
			Analysis Time..: 14:59		Instrument ID..: I8		Analyst ID.....: 000079		
Arsenic									
	2.4	100	98.3	ug/L	96		SW846 6020	12/15-12/20/10	MCAEH1DJ
	2.4	100	97.8	ug/L	95	0.60	SW846 6020	12/15-12/20/10	MCAEH1DK
			Dilution Factor: 1						
			Analysis Time..: 14:59		Instrument ID..: I8		Analyst ID.....: 000079		
Cadmium									
	ND	50.0	47.9	ug/L	96		SW846 6010B	12/15-12/21/10	MCAEH1C9
	ND	50.0	48.7	ug/L	97	1.6	SW846 6010B	12/15-12/21/10	MCAEH1DA
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6		Analyst ID.....: 001637		
Thallium									
	0.16	100	89.6	ug/L	89		SW846 6020	12/15-12/20/10	MCAEH1DN
	0.16	100	90.4	ug/L	90	0.97	SW846 6020	12/15-12/20/10	MCAEH1DP
			Dilution Factor: 1						
			Analysis Time..: 14:59		Instrument ID..: I8		Analyst ID.....: 000079		
Lead									
	ND	500	499	ug/L	100		SW846 6010B	12/15-12/21/10	MCAEH1DC
	ND	500	509	ug/L	102	2.0	SW846 6010B	12/15-12/21/10	MCAEH1DD
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6		Analyst ID.....: 001637		
Barium									
	101	2000	2180	ug/L	104		SW846 6010B	12/15-12/21/10	MCAEH1A9
	101	2000	2210	ug/L	106	1.5	SW846 6010B	12/15-12/21/10	MCAEH1CA
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6		Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2000	ug/L	100		SW846 6010B	12/15-12/21/10	MCAEH1DE
	ND	2000	2040	ug/L	102	1.8	SW846 6010B	12/15-12/21/10	MCAEH1DF
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	
Beryllium									
	ND	50.0	50.2	ug/L	100		SW846 6010B	12/15-12/21/10	MCAEH1CC
	ND	50.0	51.3	ug/L	103	2.1	SW846 6010B	12/15-12/21/10	MCAEH1CD
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	
Calcium									
	300000	50000	329000	ug/L			SW846 6010B	12/15-12/21/10	MCAEH1CE
			Qualifiers: NC,MSB						
	300000	50000	335000	ug/L			SW846 6010B	12/15-12/21/10	MCAEH1CF
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	
Chromium									
	ND	200	198	ug/L	99		SW846 6010B	12/15-12/21/10	MCAEH1CG
	ND	200	201	ug/L	101	1.8	SW846 6010B	12/15-12/21/10	MCAEH1CH
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	
Cobalt									
	ND	500	492	ug/L	98		SW846 6010B	12/15-12/21/10	MCAEH1CJ
	ND	500	502	ug/L	100	2.0	SW846 6010B	12/15-12/21/10	MCAEH1CK
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	
Copper									
	ND	250	256	ug/L	102		SW846 6010B	12/15-12/21/10	MCAEH1CL
	ND	250	260	ug/L	104	1.6	SW846 6010B	12/15-12/21/10	MCAEH1CM
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	
Iron									
	1670	1000	2620	ug/L	95		SW846 6010B	12/15-12/21/10	MCAEH1CN
	1670	1000	2660	ug/L	99	1.5	SW846 6010B	12/15-12/21/10	MCAEH1CP
			Dilution Factor: 1						
			Analysis Time..: 00:52	Instrument ID..: I6				Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	11500	50000	60700	ug/L	99		SW846 6010B	12/15-12/21/10	MCAEH1CQ
	11500	50000	61800	ug/L	101	1.7	SW846 6010B	12/15-12/21/10	MCAEH1CR
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	98.6	500	600	ug/L	100		SW846 6010B	12/15-12/21/10	MCAEH1CT
	98.6	500	612	ug/L	103	1.9	SW846 6010B	12/15-12/21/10	MCAEH1CU
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	508	ug/L	102		SW846 6010B	12/15-12/21/10	MCAEH1CV
	ND	500	516	ug/L	103	1.6	SW846 6010B	12/15-12/21/10	MCAEH1CW
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	7320	50000	62300	ug/L	110		SW846 6010B	12/15-12/21/10	MCAEH1CX
	7320	50000	62800	ug/L	111	0.79	SW846 6010B	12/15-12/21/10	MCAEH1C0
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	52.8	ug/L	106		SW846 6010B	12/15-12/21/10	MCAEH1C1
	ND	50.0	52.8	ug/L	106	0.08	SW846 6010B	12/15-12/21/10	MCAEH1C2
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	31100	50000	80100	ug/L	98		SW846 6010B	12/15-12/21/10	MCAEH1C3
	31100	50000	80900	ug/L	100	1.0	SW846 6010B	12/15-12/21/10	MCAEH1C4
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	5.5	500	495	ug/L	98		SW846 6010B	12/15-12/21/10	MCAEH1C5
	5.5	500	502	ug/L	99	1.4	SW846 6010B	12/15-12/21/10	MCAEH1C6
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	517	ug/L	103		SW846 6010B	12/15-12/21/10	MCAEH1C7
	ND	500	525	ug/L	105	1.7	SW846 6010B	12/15-12/21/10	MCAEH1C8
			Dilution Factor: 1						
			Analysis Time..: 00:52		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	0.98	ug/L	98		SW846 7470A	12/15-12/16/10	MCAEH1DQ
	ND	1.0	0.98	ug/L	98	0.15	SW846 7470A	12/15-12/16/10	MCAEH1DR
			Dilution Factor: 1						
			Analysis Time..: 14:36		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310

General Chemistry

Lot-Sample #...: A0L140424-001 **Work Order #...:** MCAEH **Matrix.....:** WG
Date Sampled...: 12/13/10 12:38 **Date Received..:** 12/14/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.63**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364208**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**28.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364206**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**238**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 5		MDL.....: 0.60		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-121310-E

General Chemistry

Lot-Sample #...: A0L140424-003 **Work Order #...:** MCAFC **Matrix.....:** WG
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310

General Chemistry

Lot-Sample #...: A0L140424-004 **Work Order #...:** MCAFK **Matrix.....:** WG
Date Sampled...: 12/13/10 14:22 **Date Received..:** 12/14/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**3.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/31/10**	**1003232**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**7.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-121310-D

General Chemistry

Lot-Sample #...: A0L140424-005 **Work Order #...:** MCAFL **Matrix.....:** WG
Date Sampled...: 12/13/10 14:30 **Date Received..:** 12/14/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**2.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/31/10**	**1003232**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**7.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-121310

General Chemistry

Lot-Sample #...: A0L140424-006 **Work Order #...:** MCAFM **Matrix.....:** WG
Date Sampled...: 12/13/10 15:47 **Date Received..:** 12/14/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**1.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/31/10**	**1003232**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**13.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-121310

General Chemistry

Lot-Sample #...: A0L140424-007 **Work Order #...:** MCAFP **Matrix.....:** WG
Date Sampled...: 12/13/10 16:41 **Date Received..:** 12/14/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**42.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/31/10**	**1003232**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**71.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/29/10**	**0364211**
		Dilution Factor: 1		MDL.....: 0.12		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MCXHJ1AA		MB Lot-Sample #:	A0L300000-208	
	ND	0.50	mg/L	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1				
Chloride		Work Order #: MCXHG1AA		MB Lot-Sample #:	A0L300000-206	
	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1				
Chloride		Work Order #: MC0PC1AA		MB Lot-Sample #:	A1A030000-232	
	ND	1.0	mg/L	MCAWW 300.0A	12/30/10	1003232
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MCNCA1AA		MB Lot-Sample #:	A0L210000-360	
	ND	0.010	mg/L	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1				
Sulfate		Work Order #: MCXHM1AA		MB Lot-Sample #:	A0L300000-211	
	ND	1.0	mg/L	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0L140424 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCXHJ1AC-LCS/MCXHJ1AD-LCSD LCS Lot-Sample#: A0L300000-208					
	103	(90 - 110)			MCAWW 300.0A	12/29/10	0364208
	104	(90 - 110)	0.48	(0-20)	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1					
Chloride		WO#:MCXHG1AC-LCS/MCXHG1AD-LCSD LCS Lot-Sample#: A0L300000-206					
	108	(90 - 110)			MCAWW 300.0A	12/29/10	0364206
	108	(90 - 110)	0.09	(0-20)	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1					
Chloride		WO#:MC0PC1AC-LCS/MC0PC1AD-LCSD LCS Lot-Sample#: A1A030000-232					
	103	(90 - 110)			MCAWW 300.0A	12/31/10	1003232
	103	(90 - 110)	0.09	(0-20)	MCAWW 300.0A	12/31/10	1003232
		Dilution Factor: 1					
Sulfate		WO#:MCXHM1AC-LCS/MCXHM1AD-LCSD LCS Lot-Sample#: A0L300000-211					
	103	(90 - 110)			MCAWW 300.0A	12/29/10	0364211
	103	(90 - 110)	0.37	(0-20)	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0L140424 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MCXHJ1AC-LCS/MCXHJ1AD-LCSD LCS Lot-Sample#: A0L300000-208						
	10.0	10.3	mg/L	103		MCAWW 300.0A	12/29/10	0364208
	10.0	10.4	mg/L	104	0.48	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1						
Chloride		WO#:MCXHG1AC-LCS/MCXHG1AD-LCSD LCS Lot-Sample#: A0L300000-206						
	50.0	53.9	mg/L	108		MCAWW 300.0A	12/29/10	0364206
	50.0	53.9	mg/L	108	0.09	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1						
Chloride		WO#:MC0PC1AC-LCS/MC0PC1AD-LCSD LCS Lot-Sample#: A1A030000-232						
	50.0	51.4	mg/L	103		MCAWW 300.0A	12/31/10	1003232
	50.0	51.4	mg/L	103	0.09	MCAWW 300.0A	12/31/10	1003232
		Dilution Factor: 1						
Sulfate		WO#:MCXHM1AC-LCS/MCXHM1AD-LCSD LCS Lot-Sample#: A0L300000-211						
	50.0	51.3	mg/L	103		MCAWW 300.0A	12/29/10	0364211
	50.0	51.5	mg/L	103	0.37	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MCNCA1AC	LCS Lot-Sample#: A0L210000-360		
	74	(69 - 118)	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MCNCA1AC				LCS Lot-Sample#: A0L210000-360		
	0.39	0.29	mg/L	74	SW846 9012A	12/18/10	0355360
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER
Date Sampled...: 12/16/10 10:55 **Date Received..:** 12/17/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MCFN41C2-MS/MCFN41C3-MSD				MS Lot-Sample #: A0L160496-003	
	83	(42 - 140)			SW846 9012A	12/18/10	0355360
	86	(42 - 140)	3.8	(0-20)	SW846 9012A	12/18/10	0355360
		Dilution Factor: 1					
Sulfate		WO#: MCFVP1AF-MS/MCFVP1AG-MSD				MS Lot-Sample #: A0L160521-004	
	110	(80 - 120)			MCAWW 300.0A	12/30/10	0364211
	107	(80 - 120)	1.2	(0-20)	MCAWW 300.0A	12/30/10	0364211
		Dilution Factor: 2					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER
Date Sampled...: 12/16/10 10:55 **Date Received..:** 12/17/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MCFN41C2-MS/MCFN41C3-MSD				MS Lot-Sample #: A0L160496-003		
	ND	0.040	0.034	mg/L	83		SW846 9012A	12/18/10	0355360
	ND	0.040	0.035	mg/L	86	3.8	SW846 9012A	12/18/10	0355360
			Dilution Factor: 1						
Sulfate			WO#: MCFVP1AF-MS/MCFVP1AG-MSD				MS Lot-Sample #: A0L160521-004		
	55.3	50.0	110	mg/L	110		MCAWW 300.0A	12/30/10	0364211
	55.3	50.0	109	mg/L	107	1.2	MCAWW 300.0A	12/30/10	0364211
			Dilution Factor: 2						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MA8WN1HX		MS Lot-Sample #: A0L130406-001	
	108	(80 - 120)	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1			
Chloride		Work Order #...: MA8WN1HW		MS Lot-Sample #: A0L130406-001	
	118	(80 - 120)	MCAWW 300.0A	12/29/10	0364206
		Dilution Factor: 1			
Chloride		Work Order #...: MCH241A1		MS Lot-Sample #: A0L170559-001	
	121 N	(80 - 120)	MCAWW 300.0A	12/30/10	1003232
		Dilution Factor: 1			
Sulfate		Work Order #...: MCFVF1AJ		MS Lot-Sample #: A0L160521-001	
	99	(80 - 120)	MCAWW 300.0A	12/30/10	0364211
		Dilution Factor: 5			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WATER
Date Sampled...: 12/10/10 09:04 **Date Received..:** 12/11/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MA8WN1HX			MS Lot-Sample #: A0L130406-001		
	3.1	10.0	13.9	mg/L	108	MCAWW 300.0A	12/29/10	0364208
			Dilution Factor: 1					
Chloride			Work Order #...: MA8WN1HW			MS Lot-Sample #: A0L130406-001		
	20.5	50.0	79.4	mg/L	118	MCAWW 300.0A	12/29/10	0364206
			Dilution Factor: 1					
Chloride			Work Order #...: MCH241A1			MS Lot-Sample #: A0L170559-001		
	34.8	50.0	95.3 N	mg/L	121	MCAWW 300.0A	12/30/10	1003232
			Dilution Factor: 1					
Sulfate			Work Order #...: MCFVF1AJ			MS Lot-Sample #: A0L160521-001		
	117	50.0	166	mg/L	99	MCAWW 300.0A	12/30/10	0364211
			Dilution Factor: 5					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MCAFC1A9		MS Lot-Sample #: A0L140424-003	
	117	(80 - 120)	MCAWW 300.0A	12/29/10	0364208
		Dilution Factor: 1			
Sulfate		Work Order #...: MCAFC1CA		MS Lot-Sample #: A0L140424-003	
	108	(80 - 120)	MCAWW 300.0A	12/29/10	0364211
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L140424 **Matrix.....:** WG
Date Sampled...: 12/13/10 12:58 **Date Received..:** 12/14/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MCAFC1A9			MS Lot-Sample #: A0L140424-003		
	ND	10.0	11.7	mg/L	117	MCAWW 300.0A	12/29/10	0364208
			Dilution Factor: 1					
Sulfate			Work Order #...: MCAFC1CA			MS Lot-Sample #: A0L140424-003		
	ND	50.0	54.2	mg/L	108	MCAWW 300.0A	12/29/10	0364211
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A0L150417

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
1/10/2011 1:04 PM

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January 10, 2011

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 13
Sample Summary 15
Shipping and Receiving Documents 17
GC/MS Volatile Data 23
GC/MS Semivolatile Data 56
Inorganic/Metals Data 91
General Chemistry Data 129

Total # of Pages in this Document 146

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A0L150417

The following report contains the analytical results for seven water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received December 15, 2010, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on January 04, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.3, 1.4, and 1.7°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) GW-WT101B-121410 and GW-WTE3-121410 had elevated reporting limits due to TICs.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) GW-WT101B-121410 had up to one surrogate recovery per fraction outside acceptance limits. However, since the recovery was greater than 10% and all associated QC met criteria, no corrective action was taken.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP MS Form IX was provided for batch(es) 0354020. The serial dilution was performed on a different sample from the same QC batch(es).

The CCB was greater than or equal to the requested reporting for Beryllium. Since the sample(s) GW-WT101C-121410, GW-WT101B-121410 and GW-WT101A-121410 results were below the requested reporting limit the results were accepted.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for GW-WT101D-121410 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 1003222 and 1003220 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0L150417

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WTE3-121410 12/14/10 08:53 001				
Aluminum	30.0 B	50.0	ug/L	SW846 6020
Arsenic	2.3	1.0	ug/L	SW846 6020
Thallium	0.17 B	1.0	ug/L	SW846 6020
Barium	45.3 B,J	200	ug/L	SW846 6010B
Beryllium	0.51 B	1.0	ug/L	SW846 6010B
Calcium	73100 J	5000	ug/L	SW846 6010B
Iron	4200	100	ug/L	SW846 6010B
Magnesium	23200	5000	ug/L	SW846 6010B
Manganese	28.1	15.0	ug/L	SW846 6010B
Potassium	2250	5000	ug/L	SW846 6010B
	Qualifiers: B,J,E			
Sodium	12300	5000	ug/L	SW846 6010B
Zinc	11.0 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.1 J	2.0	ug/L	SW846 8270C
Carbon disulfide	3.3	2.0	ug/L	SW846 8260B
Methylene chloride	0.79 J,B	2.0	ug/L	SW846 8260B
Chloride	6.5	1.0	mg/L	MCAWW 300.0A
Sulfate	43.5	1.0	mg/L	MCAWW 300.0A
GW-WTE1-121410 12/14/10 09:47 003				
Arsenic	1.6	1.0	ug/L	SW846 6020
Barium	47.1 B,J	200	ug/L	SW846 6010B
Beryllium	0.56 B	1.0	ug/L	SW846 6010B
Calcium	112000 J	5000	ug/L	SW846 6010B
Magnesium	20900	5000	ug/L	SW846 6010B
Manganese	120	15.0	ug/L	SW846 6010B
Potassium	2980 B,J	5000	ug/L	SW846 6010B
Sodium	19900	5000	ug/L	SW846 6010B
Zinc	13.7 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.2 J	2.0	ug/L	SW846 8270C
Carbon disulfide	3.1	1.0	ug/L	SW846 8260B
Isopropylbenzene	0.43 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.27 J	1.0	ug/L	SW846 8260B
Chloride	34.6	1.0	mg/L	MCAWW 300.0A
Sulfate	79.7	1.0	mg/L	MCAWW 300.0A
Cyanide, Total	0.019	0.010	mg/L	SW846 9012A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L150417

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT101E-121410 12/14/10 10:53 004				
Arsenic	3.8	1.0	ug/L	SW846 6020
Barium	50.2 B,J	200	ug/L	SW846 6010B
Beryllium	0.62 B	1.0	ug/L	SW846 6010B
Calcium	101000 J	5000	ug/L	SW846 6010B
Iron	4030	100	ug/L	SW846 6010B
Magnesium	13700	5000	ug/L	SW846 6010B
Manganese	48.8	15.0	ug/L	SW846 6010B
Potassium	4010 B,J	5000	ug/L	SW846 6010B
Sodium	16400	5000	ug/L	SW846 6010B
Carbon disulfide	0.62 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	3.4	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.26 J	1.0	ug/L	SW846 8260B
Chloride	32.0	1.0	mg/L	MCAWW 300.0A
Sulfate	106	1.0	mg/L	MCAWW 300.0A
GW-WT101D-121410 12/14/10 11:51 005				
Arsenic	0.99 B	1.0	ug/L	SW846 6020
Barium	49.5 B,J	200	ug/L	SW846 6010B
Beryllium	0.60 B	1.0	ug/L	SW846 6010B
Calcium	94000 J	5000	ug/L	SW846 6010B
Iron	1930	100	ug/L	SW846 6010B
Magnesium	19800	5000	ug/L	SW846 6010B
Manganese	53.9	15.0	ug/L	SW846 6010B
Potassium	1320 B,J	5000	ug/L	SW846 6010B
Sodium	19600	5000	ug/L	SW846 6010B
Butyl benzyl phthalate	0.91 J	1.0	ug/L	SW846 8270C
1,1-Dichloroethane	3.7	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.43 J	1.0	ug/L	SW846 8260B
Chloride	36.5	1.0	mg/L	MCAWW 300.0A
Sulfate	101	1.0	mg/L	MCAWW 300.0A
GW-WT101C-121410 12/14/10 13:54 006				
Aluminum	173	50.0	ug/L	SW846 6020
Arsenic	8.1	1.0	ug/L	SW846 6020
Antimony	0.14 B	2.0	ug/L	SW846 6020
Thallium	0.22 B	1.0	ug/L	SW846 6020
Barium	89.6 B,J	200	ug/L	SW846 6010B
Beryllium	0.90 B	1.0	ug/L	SW846 6010B
Calcium	57500 J	5000	ug/L	SW846 6010B
Chromium	6.4 B	10.0	ug/L	SW846 6010B
Copper	5.2 B	25.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L150417

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT101C-121410 12/14/10 13:54 006				
Iron	1280	100	ug/L	SW846 6010B
Magnesium	23500	5000	ug/L	SW846 6010B
Manganese	21.7	15.0	ug/L	SW846 6010B
Nickel	3.4 B	40.0	ug/L	SW846 6010B
Potassium	3160 B,J	5000	ug/L	SW846 6010B
Sodium	21900	5000	ug/L	SW846 6010B
Vanadium	0.87 B	50.0	ug/L	SW846 6010B
Zinc	12.3 B,J	20.0	ug/L	SW846 6010B
Chloride	2.5	1.0	mg/L	MCAWW 300.0A
Sulfate	1.4	1.0	mg/L	MCAWW 300.0A
Bromide	0.17 B	0.50	mg/L	MCAWW 300.0A
GW-WT101B-121410 12/14/10 14:51 007				
Arsenic	1.4	1.0	ug/L	SW846 6020
Antimony	0.34 B	2.0	ug/L	SW846 6020
Barium	81.7 B,J	200	ug/L	SW846 6010B
Beryllium	0.78 B	1.0	ug/L	SW846 6010B
Calcium	89100 J	5000	ug/L	SW846 6010B
Chromium	5.4 B	10.0	ug/L	SW846 6010B
Copper	5.4 B	25.0	ug/L	SW846 6010B
Iron	624	100	ug/L	SW846 6010B
Magnesium	40600	5000	ug/L	SW846 6010B
Manganese	39.9	15.0	ug/L	SW846 6010B
Potassium	28900 J	5000	ug/L	SW846 6010B
Sodium	30200	5000	ug/L	SW846 6010B
Zinc	20.5 J	20.0	ug/L	SW846 6010B
Acetophenone	1.4	1.0	ug/L	SW846 8270C
2-Butanone	2.7 J	20	ug/L	SW846 8260B
Carbon disulfide	8.9	2.0	ug/L	SW846 8260B
Chloroethane	7.6	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.63 J	2.0	ug/L	SW846 8260B
Isopropylbenzene	0.85 J	2.0	ug/L	SW846 8260B
Methylene chloride	0.69 J,B	2.0	ug/L	SW846 8260B
Chloride	29.0	1.0	mg/L	MCAWW 300.0A
Sulfate	33.0	1.0	mg/L	MCAWW 300.0A
Cyanide, Total	0.055	0.010	mg/L	SW846 9012A
GW-WT101A-121410 12/14/10 15:55 008				
Arsenic	7.4	1.0	ug/L	SW846 6020
Barium	62.9 B,J	200	ug/L	SW846 6010B
Beryllium	0.79 B	1.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0L150417

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT101A-121410 12/14/10 15:55 008				
Calcium	278000 J	5000	ug/L	SW846 6010B
Iron	20800	100	ug/L	SW846 6010B
Magnesium	11500	5000	ug/L	SW846 6010B
Manganese	1220	15.0	ug/L	SW846 6010B
Potassium	4600 B,J	5000	ug/L	SW846 6010B
Sodium	24400	5000	ug/L	SW846 6010B
Zinc	5.5 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.0 J	2.0	ug/L	SW846 8270C
Diethyl phthalate	2.8	1.0	ug/L	SW846 8270C
Benzene	3.0	1.0	ug/L	SW846 8260B
Chlorobenzene	0.49 J	1.0	ug/L	SW846 8260B
Chloroethane	0.70 J	1.0	ug/L	SW846 8260B
Cyclohexane	0.31 J	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	2.5	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.8	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.38 J	1.0	ug/L	SW846 8260B
Isopropylbenzene	0.53 J	1.0	ug/L	SW846 8260B
Chloride	26.3	1.0	mg/L	MCAWW 300.0A
Sulfate	349	5.0	mg/L	MCAWW 300.0A
Bromide	0.13 B	0.50	mg/L	MCAWW 300.0A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0L150417

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A0L150417

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MCDC1	001	GW-WTE3-121410	12/14/10	08:53
MCDDC	002	TRIP BLANK-121410-6	12/14/10	09:00
MCDDE	003	GW-WTE1-121410	12/14/10	09:47
MCDDF	004	GW-WT101E-121410	12/14/10	10:53
MCDDG	005	GW-WT101D-121410	12/14/10	11:51
MCDDJ	006	GW-WT101C-121410	12/14/10	13:54
MCDDL	007	GW-WT101B-121410	12/14/10	14:51
MCDDR	008	GW-WT101A-121410	12/14/10	15:55

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Ranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	TAL Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	12/14/10	853	GW-WTE3-121410	Water	6	X	X	X	X	X	X	
2		900	TRIP BLANK-121410-6		1	X						
3		947	GW-WTE1-121410		6	X	X	X	X	X	X	
4		1053	GW-WT101E-121410		6	X	X	X	X	X	X	
5		1151	GW-WT101D-121410		15	X	X	X	X	X	X	MS/MSD
6		1354	GW-WT101C-121410		6	X	X	X	X	X	X	
7		1451	GW-WT101B-121410		6	X	X	X	X	X	X	
8	12/14/10	1555	GW-WT101A-121410	Water	6	X	X	X	X	X	X	
			TOTAL NUMBER OF CONTAINERS		52							

RELINQUISHED BY: ① _____	DATE: 12/14/10 TIME: 1700	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 3953

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SAMPLE TEAM: Tim Ranger, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 12/15/10 TIME: 1000

2213

400001-00(SOURCE)GN-CO007

North Canton

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: 6VOC	REMARKS
1	12/14/10	853	GW-WTE3-121410	Water	2	X	
2		947	GW-WTE1-121410		2	X	
3		1053	GW-WTIOE-121410		2	X	
4		1151	GW-WTIOD-121410		4	X	MS/MSD
5	12/14/10	1354	GW-WTIOC-121410	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: (1) _____	DATE: 12/14/10 TIME: 1700	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 3953

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Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 12/15/10 TIME: 1060

2214

400001-00(SOURCE)GN-CO007

North Canton

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	12/14/10	1451	GW-WT101B-121410	Water	2	X	
2	12/14/10	1555	GW-WT101A-121410	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		4		

RELINQUISHED BY: ① _____	DATE: 12/14/10 TIME: 1700	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 3953

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Shawn M. Iler

RECEIVED FOR LABORATORY BY: _____ DATE: 12/15/10 TIME: 1000

2215

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A0L150417
North Canton Facility

Client CRA Project Himco By: [signature] (Signature)
Cooler Received on 12-15-10 Opened on 12-15-10
FedEx [X] UPS [ ] DHL [ ] FAS [ ] Stetson [ ] Client Drop Off [ ] TestAmerica Courier [ ] Other _____
TestAmerica Cooler # _____ Multiple Coolers [X] Foam Box [ ] Client Cooler [ ] Other _____

1. Were custody seals on the outside of the cooler(s)? Yes [X] No [ ] Intact? Yes [X] No [ ] NA [ ]
   If YES, Quantity 6 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes [X] No [ ] NA [ ]
   Were custody seals on the bottle(s)? Yes [ ] No [X]
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes [X] No [ ]
3. Did custody papers accompany the sample(s)? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Were the custody papers signed in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [ ] None [ ] Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps [X] (BACK)
   METHOD: IR [X] Other [ ] _____
   COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]
7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels be reconciled with the COC? Yes [X] No [ ]
9. Were sample(s) at the correct pH upon receipt? Yes [X] No [ ] NA [ ]
10. Were correct bottle(s) used for the test(s) indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [X] NA [ ]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]
13. Was a trip blank present in the cooler(s)? Yes [X] No [ ] Were VOAs on the COC? Yes [X] No [ ]

Contacted PM _____ Date _____ by _____ via Verbal [ ] Voice Mail [ ] Other [ ]
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
853	<2 >12	12-15-10	CSL
947	<2 >12		
1053	<2 >12		
1151	<2 <2 >12 >12		
1354	<2 >12		
1451	<2 >12		
1555	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
Client	1.7	IR	Ice
Client	1.4	1	1
Client	1.3		

Discrepancies Cont'd:

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-001 **Work Order #...:** MCDC11AA **Matrix.....:** WG
Date Sampled...: 12/14/10 08:53 **Date Received..:** 12/15/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357058
Dilution Factor: 2 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/L	2.2
Benzene	ND	2.0	ug/L	0.26
Bromodichloromethane	ND	2.0	ug/L	0.30
Bromoform	ND	2.0	ug/L	1.3
Bromomethane	ND	2.0	ug/L	0.82
2-Butanone	ND	20	ug/L	1.1
Carbon disulfide	**3.3**	**2.0**	**ug/L**	**0.26**
Carbon tetrachloride	ND	2.0	ug/L	0.26
Chlorobenzene	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.58
Chloroform	ND	2.0	ug/L	0.32
Chloromethane	ND	2.0	ug/L	0.60
Cyclohexane	ND	2.0	ug/L	0.24
Dibromochloromethane	ND	2.0	ug/L	0.36
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	1.3
1,2-Dibromoethane	ND	2.0	ug/L	0.48
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
1,3-Dichlorobenzene	ND	2.0	ug/L	0.28
1,4-Dichlorobenzene	ND	2.0	ug/L	0.26
Dichlorodifluoromethane	ND	2.0	ug/L	0.62
1,1-Dichloroethane	ND	2.0	ug/L	0.30
1,2-Dichloroethane	ND	2.0	ug/L	0.44
1,1-Dichloroethene	ND	2.0	ug/L	0.38
cis-1,2-Dichloroethene	ND	2.0	ug/L	0.34
trans-1,2-Dichloroethene	ND	2.0	ug/L	0.38
1,2-Dichloropropane	ND	2.0	ug/L	0.36
cis-1,3-Dichloropropene	ND	2.0	ug/L	0.28
trans-1,3-Dichloropropene	ND	2.0	ug/L	0.38
Ethylbenzene	ND	2.0	ug/L	0.34
2-Hexanone	ND	20	ug/L	0.82
Isopropylbenzene	ND	2.0	ug/L	0.26
Methyl acetate	ND	20	ug/L	0.76
Methylene chloride	**0.79 J,B**	**2.0**	**ug/L**	**0.66**
Methylcyclohexane	ND	2.0	ug/L	0.26
4-Methyl-2-pentanone	ND	20	ug/L	0.64
Methyl tert-butyl ether	ND	10	ug/L	0.34
Styrene	ND	2.0	ug/L	0.22

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-001 **Work Order #...:** MCDC11AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	0.36
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	ND	2.0	ug/L	0.26
1,2,4-Trichloro-benzene	ND	2.0	ug/L	0.30
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
1,1,2-Trichloroethane	ND	2.0	ug/L	0.54
Trichloroethene	ND	2.0	ug/L	0.34
Trichlorofluoromethane	ND	2.0	ug/L	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ug/L	0.56
Vinyl chloride	ND	2.0	ug/L	0.44
Xylenes (total)	ND	4.0	ug/L	0.56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	96	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-121410-6

GC/MS Volatiles

Lot-Sample #...: A0L150417-002 **Work Order #...:** MCDDC1AA **Matrix.....:** WQ
Date Sampled...: 12/14/10 09:00 **Date Received..:** 12/15/10
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-121410-6

GC/MS Volatiles

Lot-Sample #...: A0L150417-002 **Work Order #...:** MCDDC1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	97	(74 - 115)
4-Bromofluorobenzene	87	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-003 **Work Order #...:** MCDDE1AL **Matrix.....:** WG
Date Sampled...: 12/14/10 09:47 **Date Received..:** 12/15/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357114
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**3.1**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	**0.43 J**	**1.0**	**ug/L**	**0.13**
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-003 **Work Order #...:** MCDDE1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.27 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
Toluene-d8	96	(74 - 115)
4-Bromofluorobenzene	85	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-004 **Work Order #...:** MCDDF1AL **Matrix.....:** WG
Date Sampled...: 12/14/10 10:53 **Date Received..:** 12/15/10
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0355226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.62 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**3.4**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.26 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-004 **Work Order #...:** MCDDF1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-005 **Work Order #...:** MCDDG1A7 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0355226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**3.7**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.43 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-005 **Work Order #...:** MCDDG1A7 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-006 **Work Order #...:** MCDDJ1AL **Matrix.....:** WG
Date Sampled...: 12/14/10 13:54 **Date Received..:** 12/15/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-006 **Work Order #...:** MCDDJ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-007 **Work Order #...:** MCDDL1AL **Matrix.....:** WG
Date Sampled...: 12/14/10 14:51 **Date Received..:** 12/15/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357058
Dilution Factor: 2 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/L	2.2
Benzene	ND	2.0	ug/L	0.26
Bromodichloromethane	ND	2.0	ug/L	0.30
Bromoform	ND	2.0	ug/L	1.3
Bromomethane	ND	2.0	ug/L	0.82
2-Butanone	**2.7 J**	**20**	**ug/L**	**1.1**
Carbon disulfide	**8.9**	**2.0**	**ug/L**	**0.26**
Carbon tetrachloride	ND	2.0	ug/L	0.26
Chlorobenzene	ND	2.0	ug/L	0.30
Chloroethane	**7.6**	**2.0**	**ug/L**	**0.58**
Chloroform	ND	2.0	ug/L	0.32
Chloromethane	ND	2.0	ug/L	0.60
Cyclohexane	ND	2.0	ug/L	0.24
Dibromochloromethane	ND	2.0	ug/L	0.36
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	1.3
1,2-Dibromoethane	ND	2.0	ug/L	0.48
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
1,3-Dichlorobenzene	ND	2.0	ug/L	0.28
1,4-Dichlorobenzene	ND	2.0	ug/L	0.26
Dichlorodifluoromethane	ND	2.0	ug/L	0.62
1,1-Dichloroethane	**0.63 J**	**2.0**	**ug/L**	**0.30**
1,2-Dichloroethane	ND	2.0	ug/L	0.44
1,1-Dichloroethene	ND	2.0	ug/L	0.38
cis-1,2-Dichloroethene	ND	2.0	ug/L	0.34
trans-1,2-Dichloroethene	ND	2.0	ug/L	0.38
1,2-Dichloropropane	ND	2.0	ug/L	0.36
cis-1,3-Dichloropropene	ND	2.0	ug/L	0.28
trans-1,3-Dichloropropene	ND	2.0	ug/L	0.38
Ethylbenzene	ND	2.0	ug/L	0.34
2-Hexanone	ND	20	ug/L	0.82
Isopropylbenzene	**0.85 J**	**2.0**	**ug/L**	**0.26**
Methyl acetate	ND	20	ug/L	0.76
Methylene chloride	**0.69 J,B**	**2.0**	**ug/L**	**0.66**
Methylcyclohexane	ND	2.0	ug/L	0.26
4-Methyl-2-pentanone	ND	20	ug/L	0.64
Methyl tert-butyl ether	ND	10	ug/L	0.34
Styrene	ND	2.0	ug/L	0.22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-007 **Work Order #...:** MCDDL1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	0.36
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	ND	2.0	ug/L	0.26
1,2,4-Trichloro-benzene	ND	2.0	ug/L	0.30
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
1,1,2-Trichloroethane	ND	2.0	ug/L	0.54
Trichloroethene	ND	2.0	ug/L	0.34
Trichlorofluoromethane	ND	2.0	ug/L	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ug/L	0.56
Vinyl chloride	ND	2.0	ug/L	0.44
Xylenes (total)	ND	4.0	ug/L	0.56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	97	(74 - 115)
4-Bromofluorobenzene	88	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-008 **Work Order #...:** MCDDR1AL **Matrix.....:** WG
Date Sampled...: 12/14/10 15:55 **Date Received..:** 12/15/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**3.0**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	**0.49 J**	**1.0**	**ug/L**	**0.15**
Chloroethane	**0.70 J**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	**0.31 J**	**1.0**	**ug/L**	**0.12**
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	**2.5**	**1.0**	**ug/L**	**0.13**
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**4.8**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.38 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	**0.53 J**	**1.0**	**ug/L**	**0.13**
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

GC/MS Volatiles

Lot-Sample #...: A0L150417-008 **Work Order #...:** MCDDR1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
Toluene-d8	99	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCMAM1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L210000-226

Prep Date.....: 12/20/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/20/10 **Prep Batch #...:** 0355226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.40 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCMAM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.22 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	94	(63 - 129)
Toluene-d8	95	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQL41AA **Matrix.....:** WATER
MB Lot-Sample #: A0L230000-058

Prep Date.....: 12/20/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/20/10 **Prep Batch #...:** 0357058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.41 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQL41AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.21 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	96	(74 - 115)
4-Bromofluorobenzene	85	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQVF1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L230000-114

Prep Date.....: 12/21/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/21/10 **Prep Batch #...:** 0357114
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.61 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQVF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.26 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
Toluene-d8	97	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCMAM1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L210000-226 MCMAM1AD-LCSD
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0355226
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(83 - 112)**			**SW846 8260B**
	89	**(83 - 112)**	**7.5**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**102**	**(85 - 110)**			**SW846 8260B**
	95	**(85 - 110)**	**7.7**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(78 - 131)**			**SW846 8260B**
	96	**(78 - 131)**	**0.40**	**(0-30)**	**SW846 8260B**
Toluene	**106**	**(84 - 111)**			**SW846 8260B**
	96	**(84 - 111)**	**9.8**	**(0-30)**	**SW846 8260B**
Trichloroethene	**106**	**(76 - 117)**			**SW846 8260B**
	98	**(76 - 117)**	**7.6**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	97	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
	91	(63 - 129)
Toluene-d8	108	(74 - 115)
	104	(74 - 115)
4-Bromofluorobenzene	108	(66 - 117)
	105	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCMAM1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L210000-226 MCMAM1AD-LCSD
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0355226
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**8.9**	**ug/L**	**89**	**7.5**	**SW846 8260B**
Chlorobenzene	**10**	**10**	**ug/L**	**102**		**SW846 8260B**
	10	**9.5**	**ug/L**	**95**	**7.7**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**0.40**	**SW846 8260B**
Toluene	**10**	**11**	**ug/L**	**106**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**9.8**	**SW846 8260B**
Trichloroethene	**10**	**11**	**ug/L**	**106**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**7.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	97	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
	91	(63 - 129)
Toluene-d8	108	(74 - 115)
	104	(74 - 115)
4-Bromofluorobenzene	108	(66 - 117)
	105	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQL41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L230000-058 MCQL41AD-LCSD
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(83 - 112)**			**SW846 8260B**
	96	**(83 - 112)**	**0.14**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**102**	**(85 - 110)**			**SW846 8260B**
	104	**(85 - 110)**	**1.8**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(78 - 131)**			**SW846 8260B**
	93	**(78 - 131)**	**0.35**	**(0-30)**	**SW846 8260B**
Toluene	**105**	**(84 - 111)**			**SW846 8260B**
	106	**(84 - 111)**	**0.90**	**(0-30)**	**SW846 8260B**
Trichloroethene	**105**	**(76 - 117)**			**SW846 8260B**
	107	**(76 - 117)**	**2.0**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	98	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
	93	(63 - 129)
Toluene-d8	107	(74 - 115)
	108	(74 - 115)
4-Bromofluorobenzene	108	(66 - 117)
	107	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQL41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L230000-058 MCQL41AD-LCSD
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**0.14**	**SW846 8260B**
Chlorobenzene	**10**	**10**	**ug/L**	**102**		**SW846 8260B**
	10	**10**	**ug/L**	**104**	**1.8**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**0.35**	**SW846 8260B**
Toluene	**10**	**11**	**ug/L**	**105**		**SW846 8260B**
	10	**11**	**ug/L**	**106**	**0.90**	**SW846 8260B**
Trichloroethene	**10**	**10**	**ug/L**	**105**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**2.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	98	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
	93	(63 - 129)
Toluene-d8	107	(74 - 115)
	108	(74 - 115)
4-Bromofluorobenzene	108	(66 - 117)
	107	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQVF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L230000-114 MCQVF1AD-LCSD
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357114
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**95**	**(83 - 112)**			**SW846 8260B**
	91	**(83 - 112)**	**4.2**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**101**	**(85 - 110)**			**SW846 8260B**
	96	**(85 - 110)**	**5.8**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(78 - 131)**			**SW846 8260B**
	93	**(78 - 131)**	**0.73**	**(0-30)**	**SW846 8260B**
Toluene	**104**	**(84 - 111)**			**SW846 8260B**
	99	**(84 - 111)**	**4.9**	**(0-30)**	**SW846 8260B**
Trichloroethene	**104**	**(76 - 117)**			**SW846 8260B**
	101	**(76 - 117)**	**2.9**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	97	(75 - 121)
1,2-Dichloroethane-d4	90	(63 - 129)
	91	(63 - 129)
Toluene-d8	105	(74 - 115)
	105	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)
	103	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCQVF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0L230000-114 MCQVF1AD-LCSD
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357114
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.1**	**ug/L**	**91**	**4.2**	**SW846 8260B**
Chlorobenzene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**5.8**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**0.73**	**SW846 8260B**
Toluene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**4.9**	**SW846 8260B**
Trichloroethene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**101**	**2.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	97	(75 - 121)
1,2-Dichloroethane-d4	90	(63 - 129)
	91	(63 - 129)
Toluene-d8	105	(74 - 115)
	105	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)
	103	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCDDG1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A0L150417-005 MCDDG1A9-MSD
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0355226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**92**	**(72 - 121)**			**SW846 8260B**
	89	**(72 - 121)**	**3.0**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**99**	**(80 - 110)**			**SW846 8260B**
	96	**(80 - 110)**	**3.2**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(74 - 135)**			**SW846 8260B**
	91	**(74 - 135)**	**3.5**	**(0-30)**	**SW846 8260B**
Toluene	**101**	**(78 - 114)**			**SW846 8260B**
	98	**(78 - 114)**	**3.2**	**(0-30)**	**SW846 8260B**
Trichloroethene	**101**	**(66 - 120)**			**SW846 8260B**
	101	**(66 - 120)**	**0.24**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	98	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
	92	(63 - 129)
Toluene-d8	105	(74 - 115)
	103	(74 - 115)
4-Bromofluorobenzene	106	(66 - 117)
	104	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCDDG1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A0L150417-005 MCDDG1A9-MSD
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10
Prep Date.....: 12/20/10 **Analysis Date..:** 12/20/10
Prep Batch #...: 0355226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**8.9**	**ug/L**	**89**	**3.0**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	ND	**10**	**9.6**	**ug/L**	**96**	**3.2**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**3.5**	**SW846 8260B**
Toluene	**ND**	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**3.2**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**0.24**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	98	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
	92	(63 - 129)
Toluene-d8	105	(74 - 115)
	103	(74 - 115)
4-Bromofluorobenzene	106	(66 - 117)
	104	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCF5Q1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L160557-001 MCF5Q1AG-MSD
Date Sampled...: 12/14/10 09:20 **Date Received..:** 12/16/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**91**	**(72 - 121)**			**SW846 8260B**
	113	**(72 - 121)**	**22**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 110)**			**SW846 8260B**
	101	**(80 - 110)**	**6.9**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**87**	**(74 - 135)**			**SW846 8260B**
	91	**(74 - 135)**	**4.8**	**(0-30)**	**SW846 8260B**
Toluene	**97**	**(78 - 114)**			**SW846 8260B**
	103	**(78 - 114)**	**5.2**	**(0-30)**	**SW846 8260B**
Trichloroethene	**97**	**(66 - 120)**			**SW846 8260B**
	103	**(66 - 120)**	**5.2**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(75 - 121)
	100	(75 - 121)
1,2-Dichloroethane-d4	87	(63 - 129)
	93	(63 - 129)
Toluene-d8	99	(74 - 115)
	107	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)
	106	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0L150417 **Work Order #...:** MCF5Q1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L160557-001 MCF5Q1AG-MSD
Date Sampled...: 12/14/10 09:20 **Date Received..:** 12/16/10
Prep Date.....: 12/21/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0357058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**113**	**22**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**6.9**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**8.7**	**ug/L**	**87**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**4.8**	**SW846 8260B**
Toluene	**ND**	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**103**	**5.2**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**103**	**5.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(75 - 121)
	100	(75 - 121)
1,2-Dichloroethane-d4	87	(63 - 129)
	93	(63 - 129)
Toluene-d8	99	(74 - 115)
	107	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)
	106	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-001 **Work Order #...:** MCDC11AC **Matrix.....:** WG
Date Sampled...: 12/14/10 08:53 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1020 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.1 J**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-001 **Work Order #...:** MCDC11AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-001 **Work Order #...:** MCDC11AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	109	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	65	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-003 **Work Order #...:** MCDDE1AM **Matrix.....:** WG
Date Sampled...: 12/14/10 09:47 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1020 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.2 J**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-003 **Work Order #...:** MCDDE1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-003 **Work Order #...:** MCDDE1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	66	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-004 **Work Order #...:** MCDDF1AM **Matrix.....:** WG
Date Sampled...: 12/14/10 10:53 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-004 **Work Order #...:** MCDDF1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-004 **Work Order #...:** MCDDF1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	54	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	45	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-005 **Work Order #...:** MCDDG1CA **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	**0.91 J**	**1.0**	**ug/L**	**0.80**
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-005 **Work Order #...:** MCDDG1CA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-005 **Work Order #...:** MCDDG1CA **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	89	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	41	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-006 **Work Order #...:** MCDDJ1AM **Matrix.....:** WG
Date Sampled...: 12/14/10 13:54 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-006 **Work Order #...:** MCDDJ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-006 **Work Order #...:** MCDDJ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	54	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	48	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-007 **Work Order #...:** MCDDL1AM **Matrix.....:** WG
Date Sampled...: 12/14/10 14:51 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**1.4**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-007 **Work Order #...:** MCDDL1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-007 **Work Order #...:** MCDDL1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	59	(28 - 110)
Terphenyl-d14	75	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	123 *	(22 - 120)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-008 **Work Order #...:** MCDDR1AM **Matrix.....:** WG
Date Sampled...: 12/14/10 15:55 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.0 J**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	**2.8**	**1.0**	**ug/L**	**0.60**
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-008 **Work Order #...:** MCDDR1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

GC/MS Semivolatiles

Lot-Sample #...: A0L150417-008 **Work Order #...:** MCDDR1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	74	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	64	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCERH1AA **Matrix.....:** WATER
MB Lot-Sample #: A0L160000-038

Prep Date.....: 12/16/10 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/21/10 **Prep Batch #...:** 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCERH1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	81	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCERH1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCERH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A0L160000-038
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**63**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**55**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**51**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**68**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**62**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**76**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**74**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**62**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**42**	**(26 - 110)**	**SW846 8270C**
Phenol	**60**	**(14 - 112)**	**SW846 8270C**
Pyrene	**68**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	76	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCERH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A0L160000-038
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**13**	**ug/L**	**63**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**11**	**ug/L**	**55**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**10**	**ug/L**	**51**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
2-Chlorophenol	**20**	**12**	**ug/L**	**62**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**76**	**SW846 8270C**
4-Nitrophenol	**20**	**15**	**ug/L**	**74**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**12**	**ug/L**	**62**	**SW846 8270C**
Pentachlorophenol	**20**	**8.4**	**ug/L**	**42**	**SW846 8270C**
Phenol	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**68**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	76	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCC621EK-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L150405-006 MCC621EL-MSD
Date Sampled...: 12/14/10 10:30 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**59**	**(36 - 110)**			**SW846 8270C**
	62	**(36 - 110)**	**3.5**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**53**	**(25 - 110)**			**SW846 8270C**
	52	**(25 - 110)**	**2.0**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**53**	**(17 - 110)**			**SW846 8270C**
	52	**(17 - 110)**	**1.7**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**72**	**(33 - 110)**			**SW846 8270C**
	82	**(33 - 110)**	**14**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**61**	**(26 - 110)**			**SW846 8270C**
	65	**(26 - 110)**	**6.6**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**68**	**(46 - 119)**			**SW846 8270C**
	73	**(46 - 119)**	**7.1**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**74**	**(13 - 127)**			**SW846 8270C**
	76	**(13 - 127)**	**3.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**67**	**(25 - 119)**			**SW846 8270C**
	60	**(25 - 119)**	**11**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**47**	**(23 - 110)**			**SW846 8270C**
	51	**(23 - 110)**	**8.6**	**(0-30)**	**SW846 8270C**
Phenol	**64**	**(16 - 110)**			**SW846 8270C**
	70	**(16 - 110)**	**9.4**	**(0-30)**	**SW846 8270C**
Pyrene	**66**	**(54 - 115)**			**SW846 8270C**
	63	**(54 - 115)**	**5.0**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
	56	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	68	(37 - 119)
	72	(37 - 119)
Phenol-d5	58	(10 - 110)
	64	(10 - 110)
2-Fluorophenol	61	(10 - 110)
	65	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCC621EK-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L150405-006 MCC621EL-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	64	(22 - 120)
	62	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCC621EK-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L150405-006 MCC621EL-MSD
Date Sampled...: 12/14/10 10:30 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**39**	**23**	**ug/L**	**59**		**SW846 8270C**
	ND	**39**	**24**	**ug/L**	**62**	**3.5**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**39**	**21**	**ug/L**	**53**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**52**	**2.0**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**39**	**21**	**ug/L**	**53**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**52**	**1.7**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**39**	**28**	**ug/L**	**72**		**SW846 8270C**
	ND	**39**	**32**	**ug/L**	**82**	**14**	**SW846 8270C**
2-Chlorophenol	**ND**	**39**	**24**	**ug/L**	**61**		**SW846 8270C**
	ND	**39**	**26**	**ug/L**	**65**	**6.6**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**39**	**27**	**ug/L**	**68**		**SW846 8270C**
	ND	**39**	**29**	**ug/L**	**73**	**7.1**	**SW846 8270C**
4-Nitrophenol	**ND**	**39**	**29**	**ug/L**	**74**		**SW846 8270C**
	ND	**39**	**30**	**ug/L**	**76**	**3.5**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**39**	**26**	**ug/L**	**67**		**SW846 8270C**
	ND	**39**	**23**	**ug/L**	**60**	**11**	**SW846 8270C**
Pentachlorophenol	**ND**	**39**	**18**	**ug/L**	**47**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**8.6**	**SW846 8270C**
Phenol	**ND**	**39**	**25**	**ug/L**	**64**		**SW846 8270C**
	ND	**39**	**28**	**ug/L**	**70**	**9.4**	**SW846 8270C**
Pyrene	**ND**	**39**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**39**	**25**	**ug/L**	**63**	**5.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
	56	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	68	(37 - 119)
	72	(37 - 119)
Phenol-d5	58	(10 - 110)
	64	(10 - 110)
2-Fluorophenol	61	(10 - 110)
	65	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCC621EK-MS **Matrix.....:** WATER
MS Lot-Sample #: A0L150405-006 MCC621EL-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	64	(22 - 120)
	62	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCDDG1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A0L150417-005 MCDDG1CD-MSD
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 505 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**66**	**(36 - 110)**			**SW846 8270C**
	59	**(36 - 110)**	**12**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**52**	**(25 - 110)**			**SW846 8270C**
	46	**(25 - 110)**	**11**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**55**	**(17 - 110)**			**SW846 8270C**
	47	**(17 - 110)**	**14**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**72**	**(33 - 110)**			**SW846 8270C**
	67	**(33 - 110)**	**7.2**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**67**	**(26 - 110)**			**SW846 8270C**
	61	**(26 - 110)**	**9.6**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**72**	**(46 - 119)**			**SW846 8270C**
	63	**(46 - 119)**	**13**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**54**	**(13 - 127)**			**SW846 8270C**
	50	**(13 - 127)**	**8.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(25 - 119)**			**SW846 8270C**
	67	**(25 - 119)**	**9.0**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**24**	**(23 - 110)**			**SW846 8270C**
	23	**(23 - 110)**	**7.1**	**(0-30)**	**SW846 8270C**
Phenol	**72**	**(16 - 110)**			**SW846 8270C**
	66	**(16 - 110)**	**9.0**	**(0-30)**	**SW846 8270C**
Pyrene	**67**	**(54 - 115)**			**SW846 8270C**
	60	**(54 - 115)**	**11**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
	58	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
	59	(28 - 110)
Terphenyl-d14	72	(37 - 119)
	65	(37 - 119)
Phenol-d5	68	(10 - 110)
	60	(10 - 110)
2-Fluorophenol	69	(10 - 110)
	63	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCDDG1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A0L150417-005 MCDDG1CD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(22 - 120)
	57	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCDDG1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A0L150417-005 MCDDG1CD-MSD
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10
Prep Date.....: 12/16/10 **Analysis Date..:** 12/21/10
Prep Batch #...: 0350038
Dilution Factor: 1 **Initial Wgt/Vol:** 505 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**40**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**40**	**23**	**ug/L**	**59**	**12**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**40**	**21**	**ug/L**	**52**		**SW846 8270C**
	ND	**40**	**18**	**ug/L**	**46**	**11**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**40**	**22**	**ug/L**	**55**		**SW846 8270C**
	ND	**40**	**19**	**ug/L**	**47**	**14**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**40**	**28**	**ug/L**	**72**		**SW846 8270C**
	ND	**40**	**26**	**ug/L**	**67**	**7.2**	**SW846 8270C**
2-Chlorophenol	**ND**	**40**	**27**	**ug/L**	**67**		**SW846 8270C**
	ND	**40**	**24**	**ug/L**	**61**	**9.6**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**40**	**29**	**ug/L**	**72**		**SW846 8270C**
	ND	**40**	**25**	**ug/L**	**63**	**13**	**SW846 8270C**
4-Nitrophenol	**ND**	**40**	**22**	**ug/L**	**54**		**SW846 8270C**
	ND	**40**	**20**	**ug/L**	**50**	**8.2**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**40**	**29**	**ug/L**	**73**		**SW846 8270C**
	ND	**40**	**27**	**ug/L**	**67**	**9.0**	**SW846 8270C**
Pentachlorophenol	**ND**	**40**	**9.6**	**ug/L**	**24**		**SW846 8270C**
	ND	**40**	**9.0**	**ug/L**	**23**	**7.1**	**SW846 8270C**
Phenol	**ND**	**40**	**28**	**ug/L**	**72**		**SW846 8270C**
	ND	**40**	**26**	**ug/L**	**66**	**9.0**	**SW846 8270C**
Pyrene	**ND**	**40**	**26**	**ug/L**	**67**		**SW846 8270C**
	ND	**40**	**24**	**ug/L**	**60**	**11**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
	58	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
	59	(28 - 110)
Terphenyl-d14	72	(37 - 119)
	65	(37 - 119)
Phenol-d5	68	(10 - 110)
	60	(10 - 110)
2-Fluorophenol	69	(10 - 110)
	63	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0L150417 **Work Order #...:** MCDDG1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A0L150417-005 MCDDG1CD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(22 - 120)
	57	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

TOTAL Metals

Lot-Sample #...: A0L150417-001 **Matrix.....:** WG
Date Sampled...: 12/14/10 08:53 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	**30.0 B**	**50.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDC11A0**
		Dilution Factor: 1		Analysis Time..: 17:40	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.3**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDC11A1**
		Dilution Factor: 1		Analysis Time..: 17:40	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AV
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/20-12/28/10	MCDC11A2
		Dilution Factor: 1		Analysis Time..: 17:40	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.17 B**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDC11A3**
		Dilution Factor: 1		Analysis Time..: 17:40	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AW
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**45.3 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AD**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AX
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.51 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AE**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**73100 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AF**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

TOTAL Metals

Lot-Sample #...: A0L150417-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AG
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AH
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AJ
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**4200**	**100**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AK**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**23200**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AL**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**28.1**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AM**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AN
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2250 B,J,E**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AP**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AQ
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AR**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

TOTAL Metals

Lot-Sample #...: A0L150417-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDC11AT
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**11.0 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDC11AU**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDC11A4
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

TOTAL Metals

Lot-Sample #...: A0L150417-003 **Matrix.....:** WG
Date Sampled...: 12/14/10 09:47 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	ND	50.0	ug/L	SW846 6020	12/20-12/28/10	MCDDE1AA
		Dilution Factor: 1		Analysis Time..: 17:45	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.6**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDE1AC**
		Dilution Factor: 1		Analysis Time..: 17:45	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1A6
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/20-12/28/10	MCDDE1AD
		Dilution Factor: 1		Analysis Time..: 17:45	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCDDE1AE
		Dilution Factor: 1		Analysis Time..: 17:45	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1A7
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**47.1 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1AN**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1A8
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.56 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1AP**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**112000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1AQ**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

TOTAL Metals

Lot-Sample #...: A0L150417-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1AR
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1AT
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1AU
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1AV
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**20900**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1AW**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**120**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1AX**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1A0
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2980 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1A1**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1A2
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**19900**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1A3**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

TOTAL Metals

Lot-Sample #...: A0L150417-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDE1A4
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**13.7 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDE1A5**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDDE1AF
		Dilution Factor: 1		Analysis Time..: 17:00	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

TOTAL Metals

Lot-Sample #...: A0L150417-004 **Matrix.....:** WG
Date Sampled...: 12/14/10 10:53 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	ND	50.0	ug/L	SW846 6020	12/20-12/28/10	MCDDF1AA
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.8**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDF1AC**
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A6
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/20-12/28/10	MCDDF1AD
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCDDF1AE
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A7
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**50.2 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1AN**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A8
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.62 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1AP**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**101000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1AQ**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

TOTAL Metals

Lot-Sample #...: A0L150417-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1AR
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1AT
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1AU
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**4030**	**100**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1AV**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**13700**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1AW**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**48.8**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1AX**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A0
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**4010 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1A1**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A2
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**16400**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDF1A3**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

TOTAL Metals

Lot-Sample #...: A0L150417-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A4
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDF1A5
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDDF1AF
		Dilution Factor: 1		Analysis Time..: 16:58	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

TOTAL Metals

Lot-Sample #...: A0L150417-005 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	ND	50.0	ug/L	SW846 6020	12/20-12/28/10	MCDDG1AA
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.99 B**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDG1AE**
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1DW
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/20-12/28/10	MCDDG1AH
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCDDG1AL
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1D1
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**49.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1CE**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1D4
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.60 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1CH**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**94000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1CL**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

TOTAL Metals

Lot-Sample #...: A0L150417-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1CP
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1CT
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1CW
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1930**	**100**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1C1**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19800**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1C4**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**53.9**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1C7**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1DA
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1320 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1DE**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1DH
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**19600**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDG1DL**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

TOTAL Metals

Lot-Sample #...: A0L150417-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1DP
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDG1DT
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDDG1AP
		Dilution Factor: 1		Analysis Time..: 16:55	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

TOTAL Metals

Lot-Sample #...: A0L150417-006 **Matrix.....:** WG
Date Sampled...: 12/14/10 13:54 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	**173**	**50.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDJ1AA**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**8.1**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDJ1AC**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDJ1A6
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.14 B**	**2.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDJ1AD**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.22 B**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDJ1AE**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDJ1A7
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**89.6 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AN**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDJ1A8
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.90 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AP**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**57500 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AQ**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

TOTAL Metals

Lot-Sample #...: A0L150417-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**6.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AR**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDJ1AT
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	**5.2 B**	**25.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AU**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1280**	**100**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AV**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**23500**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AW**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**21.7**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1AX**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**3.4 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1A0**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3160 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1A1**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDJ1A2
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**21900**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1A3**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

TOTAL Metals

Lot-Sample #...: A0L150417-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**0.87 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1A4**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**12.3 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDJ1A5**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDDJ1AF
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

TOTAL Metals

Lot-Sample #...: A0L150417-007 **Matrix.....:** WG
Date Sampled...: 12/14/10 14:51 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	ND	50.0	ug/L	SW846 6020	12/20-12/28/10	MCDDL1AA
		Dilution Factor: 1		Analysis Time..: 18:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.4**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDL1AC**
		Dilution Factor: 1		Analysis Time..: 18:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1A6
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.34 B**	**2.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDL1AD**
		Dilution Factor: 1		Analysis Time..: 18:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCDDL1AE
		Dilution Factor: 1		Analysis Time..: 18:18	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1A7
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**81.7 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AN**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1A8
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.78 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AP**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**89100 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AQ**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

TOTAL Metals

Lot-Sample #...: A0L150417-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**5.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AR**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1AT
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	**5.4 B**	**25.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AU**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**624**	**100**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AV**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**40600**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AW**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**39.9**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1AX**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1A0
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**28900 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1A1**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1A2
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**30200**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1A3**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

TOTAL Metals

Lot-Sample #...: A0L150417-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDL1A4
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**20.5 J**	**20.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDL1A5**
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDDL1AF
		Dilution Factor: 1		Analysis Time..: 17:06	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

TOTAL Metals

Lot-Sample #...: A0L150417-008 **Matrix.....:** WG
Date Sampled...: 12/14/10 15:55 **Date Received..:** 12/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0354020						
Aluminum	ND	50.0	ug/L	SW846 6020	12/20-12/28/10	MCDDR1AA
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**7.4**	**1.0**	**ug/L**	**SW846 6020**	**12/20-12/28/10**	**MCDDR1AC**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1A6
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	12/20-12/28/10	MCDDR1AD
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCDDR1AE
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1A7
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**62.9 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1AN**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1A8
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	**0.79 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1AP**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**278000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1AQ**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

TOTAL Metals

Lot-Sample #...: A0L150417-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1AR
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1AT
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1AU
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**20800**	**100**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1AV**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**11500**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1AW**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**1220**	**15.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1AX**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1A0
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**4600 B,J**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1A1**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1A2
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**24400**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1A3**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

TOTAL Metals

Lot-Sample #...: A0L150417-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCDDR1A4
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.5 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCDDR1A5**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCDDR1AF
		Dilution Factor: 1		Analysis Time..: 17:10	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0L200000-020 **Prep Batch #...:** 0354020						
Aluminum	ND	50.0	ug/L	SW846 6020	12/20-12/28/10	MCKGV1AA
		Dilution Factor: 1				
		Analysis Time..: 17:16	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	12/20-12/28/10	MCKGV1AD
		Dilution Factor: 1				
		Analysis Time..: 17:16	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCKGV1AC
		Dilution Factor: 1				
		Analysis Time..: 17:16	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1A0
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	12/20-12/28/10	MCKGV1AE
		Dilution Factor: 1				
		Analysis Time..: 17:16	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1A1
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.2 B**	**200**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCKGV1AG**
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1A2
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AH
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**351 B**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCKGV1AJ**
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AK
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AL
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AM
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AN
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	ND	5000	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AP
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	ND	15.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AQ
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AR
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**126 B**	**5000**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCKGV1AT**
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AU
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AV
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	ND	50.0	ug/L	SW846 6010B	12/20-12/22/10	MCKGV1AW
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**8.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/20-12/22/10**	**MCKGV1AX**
		Dilution Factor: 1				
		Analysis Time..: 11:57	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	12/20-12/21/10	MCKGV1AF
		Dilution Factor: 1				
		Analysis Time..: 16:52	Analyst ID.....: 001576	Instrument ID..: H1		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L200000-020 **Prep Batch #...:** 0354020					
Aluminum	97	(80 - 120)	SW846 6020	12/20-12/28/10	MCKGV1A3
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	88	(80 - 120)	SW846 6020	12/20-12/28/10	MCKGV1A4
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	95	(80 - 120)	SW846 6020	12/20-12/28/10	MCKGV1A5
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	94	(80 - 120)	SW846 6020	12/20-12/28/10	MCKGV1A6
		Dilution Factor: 1	Analysis Time..: 17:33	Analyst ID.....: 000079	
		Instrument ID..: I8			
Cadmium	98	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CQ
		Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	97	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CR
		Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	100	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1A8
		Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	102	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CT
		Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	98	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1A9
		Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	103	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CA
		Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637	
		Instrument ID..: I6			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	99	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CC
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	99	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CD
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	102	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CE
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	103	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CF
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	103	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CG
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	100	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CH
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	99	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CJ
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	101	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CK
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	98	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CL
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	101	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CM
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	99	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CN
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	107	(80 - 120)	SW846 6010B	12/20-12/22/10	MCKGV1CP
	Dilution Factor: 1	Analysis Time..: 12:03	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	96	(81 - 123)	SW846 7470A	12/20-12/21/10	MCKGV1A7
	Dilution Factor: 1	Analysis Time..: 16:53	Analyst ID.....: 001576		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0L200000-020 **Prep Batch #...:** 0354020							
Aluminum	10000	9690	ug/L	97	SW846 6020	12/20-12/28/10	MCKGV1A3
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	88.2	ug/L	88	SW846 6020	12/20-12/28/10	MCKGV1A4
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	94.8	ug/L	95	SW846 6020	12/20-12/28/10	MCKGV1A5
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	94.3	ug/L	94	SW846 6020	12/20-12/28/10	MCKGV1A6
			Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 000079	
			Instrument ID..: I8				
Cadmium	50.0	49.1	ug/L	98	SW846 6010B	12/20-12/22/10	MCKGV1CQ
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	500	485	ug/L	97	SW846 6010B	12/20-12/22/10	MCKGV1CR
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	2000	ug/L	100	SW846 6010B	12/20-12/22/10	MCKGV1A8
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	2030	ug/L	102	SW846 6010B	12/20-12/22/10	MCKGV1CT
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	49.1	ug/L	98	SW846 6010B	12/20-12/22/10	MCKGV1A9
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	51500	ug/L	103	SW846 6010B	12/20-12/22/10	MCKGV1CA
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	198	ug/L	99	SW846 6010B	12/20-12/22/10	MCKGV1CC
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	500	495	ug/L	99	SW846 6010B	12/20-12/22/10	MCKGV1CD
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	250	255	ug/L	102	SW846 6010B	12/20-12/22/10	MCKGV1CE
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	1030	ug/L	103	SW846 6010B	12/20-12/22/10	MCKGV1CF
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	50000	51500	ug/L	103	SW846 6010B	12/20-12/22/10	MCKGV1CG
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	501	ug/L	100	SW846 6010B	12/20-12/22/10	MCKGV1CH
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	494	ug/L	99	SW846 6010B	12/20-12/22/10	MCKGV1CJ
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Potassium	50000	50700	ug/L	101	SW846 6010B	12/20-12/22/10	MCKGV1CK
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Silver	50.0	49.1	ug/L	98	SW846 6010B	12/20-12/22/10	MCKGV1CL
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	50000	50700	ug/L	101	SW846 6010B	12/20-12/22/10	MCKGV1CM
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	493	ug/L	99	SW846 6010B	12/20-12/22/10	MCKGV1CN
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	534	ug/L	107	SW846 6010B	12/20-12/22/10	MCKGV1CP
			Dilution Factor: 1		Analysis Time..: 12:03	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	4.8	ug/L	96	SW846 7470A	12/20-12/21/10	MCKGV1A7
			Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L150417-005 **Prep Batch #...:** 0354020							
Aluminum	98	(63 - 128)			SW846 6020	12/20-12/28/10	MCDDG1AC
	97	(63 - 128)	1.2	(0-20)	SW846 6020	12/20-12/28/10	MCDDG1AD
		Dilution Factor: 1					
		Analysis Time..: 17:59			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	100	(44 - 153)			SW846 6020	12/20-12/28/10	MCDDG1AJ
	95	(44 - 153)	5.0	(0-20)	SW846 6020	12/20-12/28/10	MCDDG1AK
		Dilution Factor: 1					
		Analysis Time..: 17:59			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	94	(82 - 123)			SW846 6020	12/20-12/28/10	MCDDG1AF
	91	(82 - 123)	3.2	(0-20)	SW846 6020	12/20-12/28/10	MCDDG1AG
		Dilution Factor: 1					
		Analysis Time..: 17:59			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	102	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DX
	100	(75 - 125)	1.2	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1D0
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	102	(69 - 117)			SW846 6020	12/20-12/28/10	MCDDG1AM
	98	(69 - 117)	3.8	(0-20)	SW846 6020	12/20-12/28/10	MCDDG1AN
		Dilution Factor: 1					
		Analysis Time..: 17:59			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	100	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1D2
	99	(75 - 125)	1.4	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1D3
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	104	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1CF
	103	(75 - 125)	1.1	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1CG
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	105	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1D5
	104	(75 - 125)	0.72	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1D6
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	101	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1CJ
	100	(75 - 125)	1.2	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1CK
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	105	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1CM
	96	(75 - 125)	3.1	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1CN
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	103	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1CQ
	102	(75 - 125)	0.81	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1CR
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	103	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1CU
	102	(75 - 125)	1.5	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1CV
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	107	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1CX
	106	(75 - 125)	1.0	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1C0
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	114	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1C2
	104	(75 - 125)	3.4	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1C3
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	107	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1C5
	104	(75 - 125)	1.9	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1C6
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	105	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1C8
	103	(75 - 125)	1.6	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1C9
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	102	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DC
	101	(75 - 125)	1.1	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1DD
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	107	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DF
	106	(75 - 125)	1.3	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1DG
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	103	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DJ
	100	(75 - 125)	2.5	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1DK
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	106	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DM
	103	(75 - 125)	1.9	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1DN
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	103	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DQ
	101	(75 - 125)	1.4	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1DR
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	110	(75 - 125)			SW846 6010B	12/20-12/22/10	MCDDG1DU
	109	(75 - 125)	0.84	(0-20)	SW846 6010B	12/20-12/22/10	MCDDG1DV
		Dilution Factor: 1					
		Analysis Time..: 12:40			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	93	(69 - 134)			SW846 7470A	12/20-12/21/10	MCDDG1AQ
	94	(69 - 134)	0.49	(0-20)	SW846 7470A	12/20-12/21/10	MCDDG1AR
		Dilution Factor: 1					
		Analysis Time..: 16:56			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0L150417-005 **Prep Batch #...:** 0354020									
Aluminum									
	ND	10000	9810	ug/L	98		SW846 6020	12/20-12/28/10	MCDDG1AC
	ND	10000	9700	ug/L	97	1.2	SW846 6020	12/20-12/28/10	MCDDG1AD
			Dilution Factor: 1						
			Analysis Time..: 17:59		Instrument ID..: I8		Analyst ID.....: 000079		
Antimony									
	ND	100	100	ug/L	100		SW846 6020	12/20-12/28/10	MCDDG1AJ
	ND	100	95.3	ug/L	95	5.0	SW846 6020	12/20-12/28/10	MCDDG1AK
			Dilution Factor: 1						
			Analysis Time..: 17:59		Instrument ID..: I8		Analyst ID.....: 000079		
Arsenic									
	0.99	100	95.0	ug/L	94		SW846 6020	12/20-12/28/10	MCDDG1AF
	0.99	100	92.0	ug/L	91	3.2	SW846 6020	12/20-12/28/10	MCDDG1AG
			Dilution Factor: 1						
			Analysis Time..: 17:59		Instrument ID..: I8		Analyst ID.....: 000079		
Cadmium									
	ND	50.0	50.8	ug/L	102		SW846 6010B	12/20-12/22/10	MCDDG1DX
	ND	50.0	50.2	ug/L	100	1.2	SW846 6010B	12/20-12/22/10	MCDDG1D0
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6		Analyst ID.....: 001637		
Thallium									
	ND	100	102	ug/L	102		SW846 6020	12/20-12/28/10	MCDDG1AM
	ND	100	97.8	ug/L	98	3.8	SW846 6020	12/20-12/28/10	MCDDG1AN
			Dilution Factor: 1						
			Analysis Time..: 17:59		Instrument ID..: I8		Analyst ID.....: 000079		
Lead									
	ND	500	502	ug/L	100		SW846 6010B	12/20-12/22/10	MCDDG1D2
	ND	500	495	ug/L	99	1.4	SW846 6010B	12/20-12/22/10	MCDDG1D3
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6		Analyst ID.....: 001637		
Barium									
	49.5	2000	2140	ug/L	104		SW846 6010B	12/20-12/22/10	MCDDG1CF
	49.5	2000	2110	ug/L	103	1.1	SW846 6010B	12/20-12/22/10	MCDDG1CG
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6		Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2100	ug/L	105		SW846 6010B	12/20-12/22/10	MCDDG1D5
	ND	2000	2080	ug/L	104	0.72	SW846 6010B	12/20-12/22/10	MCDDG1D6
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	0.60	50.0	51.1	ug/L	101		SW846 6010B	12/20-12/22/10	MCDDG1CJ
	0.60	50.0	50.5	ug/L	100	1.2	SW846 6010B	12/20-12/22/10	MCDDG1CK
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	94000	50000	146000	ug/L	105		SW846 6010B	12/20-12/22/10	MCDDG1CM
	94000	50000	142000	ug/L	96	3.1	SW846 6010B	12/20-12/22/10	MCDDG1CN
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Chromium									
	ND	200	207	ug/L	103		SW846 6010B	12/20-12/22/10	MCDDG1CQ
	ND	200	205	ug/L	102	0.81	SW846 6010B	12/20-12/22/10	MCDDG1CR
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Cobalt									
	ND	500	516	ug/L	103		SW846 6010B	12/20-12/22/10	MCDDG1CU
	ND	500	508	ug/L	102	1.5	SW846 6010B	12/20-12/22/10	MCDDG1CV
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	ND	250	267	ug/L	107		SW846 6010B	12/20-12/22/10	MCDDG1CX
	ND	250	264	ug/L	106	1.0	SW846 6010B	12/20-12/22/10	MCDDG1C0
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	1930	1000	3070	ug/L	114		SW846 6010B	12/20-12/22/10	MCDDG1C2
	1930	1000	2970	ug/L	104	3.4	SW846 6010B	12/20-12/22/10	MCDDG1C3
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	19800	50000	73200	ug/L	107		SW846 6010B	12/20-12/22/10	MCDDG1C5
	19800	50000	71800	ug/L	104	1.9	SW846 6010B	12/20-12/22/10	MCDDG1C6
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	53.9	500	580	ug/L	105		SW846 6010B	12/20-12/22/10	MCDDG1C8
	53.9	500	571	ug/L	103	1.6	SW846 6010B	12/20-12/22/10	MCDDG1C9
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	12/20-12/22/10	MCDDG1DC
	ND	500	505	ug/L	101	1.1	SW846 6010B	12/20-12/22/10	MCDDG1DD
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	1320	50000	54800	ug/L	107		SW846 6010B	12/20-12/22/10	MCDDG1DF
	1320	50000	54100	ug/L	106	1.3	SW846 6010B	12/20-12/22/10	MCDDG1DG
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	51.3	ug/L	103		SW846 6010B	12/20-12/22/10	MCDDG1DJ
	ND	50.0	50.0	ug/L	100	2.5	SW846 6010B	12/20-12/22/10	MCDDG1DK
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	19600	50000	72600	ug/L	106		SW846 6010B	12/20-12/22/10	MCDDG1DM
	19600	50000	71200	ug/L	103	1.9	SW846 6010B	12/20-12/22/10	MCDDG1DN
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	514	ug/L	103		SW846 6010B	12/20-12/22/10	MCDDG1DQ
	ND	500	507	ug/L	101	1.4	SW846 6010B	12/20-12/22/10	MCDDG1DR
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	549	ug/L	110		SW846 6010B	12/20-12/22/10	MCDDG1DU
	ND	500	545	ug/L	109	0.84	SW846 6010B	12/20-12/22/10	MCDDG1DV
			Dilution Factor: 1						
			Analysis Time..: 12:40		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	0.93	ug/L	93		SW846 7470A	12/20-12/21/10	MCDDG1AQ
	ND	1.0	0.94	ug/L	94	0.49	SW846 7470A	12/20-12/21/10	MCDDG1AR
			Dilution Factor: 1						
			Analysis Time..: 16:56		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-121410

General Chemistry

Lot-Sample #...: A0L150417-001 **Work Order #...:** MCDC1 **Matrix.....:** WG
Date Sampled...: 12/14/10 08:53 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**6.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003220**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**43.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003222**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-121410

General Chemistry

Lot-Sample #...: A0L150417-003 **Work Order #...:** MCDDE **Matrix.....:** WG
Date Sampled...: 12/14/10 09:47 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**34.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003220**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.019**	**0.010**	**mg/L**	**SW846 9012A**	**12/22/10**	**0356341**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**79.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003222**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-121410

General Chemistry

Lot-Sample #...: A0L150417-004 **Work Order #...:** MCDDF **Matrix.....:** WG
Date Sampled...: 12/14/10 10:53 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003220**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**106**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003222**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-121410

General Chemistry

Lot-Sample #...: A0L150417-005 **Work Order #...:** MCDDG **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**36.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**01/03/11**	**1004032**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**101**	**1.0**	**mg/L**	**MCAWW 300.0A**	**01/03/11**	**1004033**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-121410

General Chemistry

Lot-Sample #...: A0L150417-006 **Work Order #...:** MCDDJ **Matrix.....:** WG
Date Sampled...: 12/14/10 13:54 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.17 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003221**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**2.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003220**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**1.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003222**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-121410

General Chemistry

Lot-Sample #...: A0L150417-007 **Work Order #...:** MCDDL **Matrix.....:** WG
Date Sampled...: 12/14/10 14:51 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**29.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003220**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.055**	**0.010**	**mg/L**	**SW846 9012A**	**12/22/10**	**0356341**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**33.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003222**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-121410

General Chemistry

Lot-Sample #...: A0L150417-008 **Work Order #...:** MCDDR **Matrix.....:** WG
Date Sampled...: 12/14/10 15:55 **Date Received..:** 12/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.13 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003221**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**26.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003220**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**349**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/30/10**	**1003222**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MC0M61AA		MB Lot-Sample #:	A1A030000-221	
	ND	0.50	mg/L	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1				
Chloride		Work Order #: MC03T1AA		MB Lot-Sample #:	A1A040000-032	
	ND	1.0	mg/L	MCAWW 300.0A	01/03/11	1004032
		Dilution Factor: 1				
Chloride		Work Order #: MC0M51AA		MB Lot-Sample #:	A1A030000-220	
	ND	1.0	mg/L	MCAWW 300.0A	12/30/10	1003220
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MCP1F1AA		MB Lot-Sample #:	A0L220000-341	
	ND	0.010	mg/L	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1				
Sulfate		Work Order #: MC03V1AA		MB Lot-Sample #:	A1A040000-033	
	ND	1.0	mg/L	MCAWW 300.0A	01/03/11	1004033
		Dilution Factor: 1				
Sulfate		Work Order #: MC0NA1AA		MB Lot-Sample #:	A1A030000-222	
	ND	1.0	mg/L	MCAWW 300.0A	12/30/10	1003222
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0L150417 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MC0M61AC-LCS/MC0M61AD-LCSD LCS Lot-Sample#: A1A030000-221					
	101	(90 - 110)			MCAWW 300.0A	12/30/10	1003221
	101	(90 - 110)	0.09	(0-20)	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1					
Chloride		WO#:MC0M51AC-LCS/MC0M51AD-LCSD LCS Lot-Sample#: A1A030000-220					
	105	(90 - 110)			MCAWW 300.0A	12/31/10	1003220
	104	(90 - 110)	0.74	(0-20)	MCAWW 300.0A	12/31/10	1003220
		Dilution Factor: 1					
Chloride		WO#:MC03T1AC-LCS/MC03T1AD-LCSD LCS Lot-Sample#: A1A040000-032					
	101	(90 - 110)			MCAWW 300.0A	01/03/11	1004032
	102	(90 - 110)	0.33	(0-20)	MCAWW 300.0A	01/03/11	1004032
		Dilution Factor: 1					
Sulfate		WO#:MC0NA1AC-LCS/MC0NA1AD-LCSD LCS Lot-Sample#: A1A030000-222					
	99	(90 - 110)			MCAWW 300.0A	12/31/10	1003222
	98	(90 - 110)	1.4	(0-20)	MCAWW 300.0A	12/31/10	1003222
		Dilution Factor: 1					
Sulfate		WO#:MC03V1AC-LCS/MC03V1AD-LCSD LCS Lot-Sample#: A1A040000-033					
	95	(90 - 110)			MCAWW 300.0A	01/03/11	1004033
	96	(90 - 110)	0.39	(0-20)	MCAWW 300.0A	01/03/11	1004033
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0L150417 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MC0M61AC-LCS/MC0M61AD-LCSD LCS Lot-Sample#: A1A030000-221						
	10.0	10.1	mg/L	101		MCAWW 300.0A	12/30/10	1003221
	10.0	10.1	mg/L	101	0.09	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1						
Chloride		WO#:MC0M51AC-LCS/MC0M51AD-LCSD LCS Lot-Sample#: A1A030000-220						
	50.0	52.3	mg/L	105		MCAWW 300.0A	12/31/10	1003220
	50.0	51.9	mg/L	104	0.74	MCAWW 300.0A	12/31/10	1003220
		Dilution Factor: 1						
Chloride		WO#:MC03T1AC-LCS/MC03T1AD-LCSD LCS Lot-Sample#: A1A040000-032						
	50.0	50.6	mg/L	101		MCAWW 300.0A	01/03/11	1004032
	50.0	50.8	mg/L	102	0.33	MCAWW 300.0A	01/03/11	1004032
		Dilution Factor: 1						
Sulfate		WO#:MC0NA1AC-LCS/MC0NA1AD-LCSD LCS Lot-Sample#: A1A030000-222						
	50.0	49.6	mg/L	99		MCAWW 300.0A	12/31/10	1003222
	50.0	48.9	mg/L	98	1.4	MCAWW 300.0A	12/31/10	1003222
		Dilution Factor: 1						
Sulfate		WO#:MC03V1AC-LCS/MC03V1AD-LCSD LCS Lot-Sample#: A1A040000-033						
	50.0	47.6	mg/L	95		MCAWW 300.0A	01/03/11	1004033
	50.0	47.8	mg/L	96	0.39	MCAWW 300.0A	01/03/11	1004033
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MCP1F1AC	LCS Lot-Sample#: A0L220000-341		
	81	(69 - 118)	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MCP1F1AC				LCS Lot-Sample#: A0L220000-341		
	0.39	0.32	mg/L	81	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MCDDG1AU-MS/MCDDG1AV-MSD				MS Lot-Sample #: A0L150417-005	
	106	(80 - 120)			MCAWW 300.0A	12/30/10	1003221
	103	(80 - 120)	2.7	(0-20)	MCAWW 300.0A	12/30/10	1003221
		Dilution Factor: 1					
Chloride		WO#: MCDDG1AX-MS/MCDDG1A0-MSD				MS Lot-Sample #: A0L150417-005	
	122 N	(80 - 120)			MCAWW 300.0A	01/03/11	1004032
	122 N	(80 - 120)	0.07	(0-20)	MCAWW 300.0A	01/03/11	1004032
		Dilution Factor: 1					
Cyanide, Total		WO#: MCDDG1A5-MS/MCDDG1A6-MSD				MS Lot-Sample #: A0L150417-005	
	78	(42 - 140)			SW846 9012A	12/22/10	0356341
	86	(42 - 140)	8.7	(0-20)	SW846 9012A	12/22/10	0356341
		Dilution Factor: 1					
Sulfate		WO#: MCDDG1A2-MS/MCDDG1A3-MSD				MS Lot-Sample #: A0L150417-005	
	116	(80 - 120)			MCAWW 300.0A	01/03/11	1004033
	115	(80 - 120)	0.25	(0-20)	MCAWW 300.0A	01/03/11	1004033
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WG
Date Sampled...: 12/14/10 11:51 **Date Received..:** 12/15/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MCDDG1AU-MS/MCDDG1AV-MSD		MS Lot-Sample #: A0L150417-005				
	ND	10.0	10.6	mg/L	106		MCAWW 300.0A	12/30/10	1003221
	ND	10.0	10.3	mg/L	103	2.7	MCAWW 300.0A	12/30/10	1003221
			Dilution Factor: 1						
Chloride			WO#: MCDDG1AX-MS/MCDDG1A0-MSD		MS Lot-Sample #: A0L150417-005				
	36.5	50.0	97.4 N	mg/L	122		MCAWW 300.0A	01/03/11	1004032
	36.5	50.0	97.3 N	mg/L	122	0.07	MCAWW 300.0A	01/03/11	1004032
			Dilution Factor: 1						
Cyanide, Total			WO#: MCDDG1A5-MS/MCDDG1A6-MSD		MS Lot-Sample #: A0L150417-005				
	ND	0.040	0.032	mg/L	78		SW846 9012A	12/22/10	0356341
	ND	0.040	0.035	mg/L	86	8.7	SW846 9012A	12/22/10	0356341
			Dilution Factor: 1						
Sulfate			WO#: MCDDG1A2-MS/MCDDG1A3-MSD		MS Lot-Sample #: A0L150417-005				
	101	50.0	160	mg/L	116		MCAWW 300.0A	01/03/11	1004033
	101	50.0	159	mg/L	115	0.25	MCAWW 300.0A	01/03/11	1004033
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WATER
Date Sampled...: 12/15/10 15:17 **Date Received..:** 12/17/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #...: MCHCV1A0		MS Lot-Sample #: A0L170490-008	
	160 N	(80 - 120)	MCAWW 300.0A	12/30/10	1003220
		Dilution Factor: 1			
Sulfate		Work Order #...: MCG0T1AJ		MS Lot-Sample #: A0L170409-003	
	105	(80 - 120)	MCAWW 300.0A	12/30/10	1003222
		Dilution Factor: 1			
Sulfate		Work Order #...: MCG011AJ		MS Lot-Sample #: A0L170409-007	
	124 N	(80 - 120)	MCAWW 300.0A	12/31/10	1003222
		Dilution Factor: 1			
Sulfate		Work Order #...: MCHCV1A1		MS Lot-Sample #: A0L170490-008	
	181 N	(80 - 120)	MCAWW 300.0A	12/30/10	1003222
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0L150417 **Matrix.....:** WATER
Date Sampled...: 12/15/10 15:17 **Date Received..:** 12/17/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...: MCHCV1A0			MS Lot-Sample #: A0L170490-008		
	8.6	50.0	88.8 N	mg/L	160	MCAWW 300.0A	12/30/10	1003220
			Dilution Factor: 1					
Sulfate			Work Order #...: MCG0T1AJ			MS Lot-Sample #: A0L170409-003		
	6.6	50.0	59.2	mg/L	105	MCAWW 300.0A	12/30/10	1003222
			Dilution Factor: 1					
Sulfate			Work Order #...: MCG011AJ			MS Lot-Sample #: A0L170409-007		
	67.8	50.0	130 N	mg/L	124	MCAWW 300.0A	12/31/10	1003222
			Dilution Factor: 1					
Sulfate			Work Order #...: MCHCV1A1			MS Lot-Sample #: A0L170490-008		
	99.6	50.0	190 N	mg/L	181	MCAWW 300.0A	12/30/10	1003222
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C090536

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
3/30/2011 11:20 AM

Amy L. McCormick
Project Manager
amy.mccormick@testamericainc.com

March 30, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative	2
Executive Summary	8
Analytical Method Summary	14
Sample Summary	16
Shipping and Receiving Documents	18
GC/MS Volatile Data	24
GC/MS Semivolatile Data	53
Inorganic/Metals Data	91
General Chemistry Data	138
Total # of Pages in this Document	**160**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C090536

The following report contains the analytical results for ten water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 09, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 23, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.6, 2.9, and 3.3°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

CASE NARRATIVE (continued)

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

No ICP Trace Form IX was provided for batch(es) 1069016. The serial dilution was performed on a different sample from the same QC batch(es).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C090536

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT117A-030811 03/08/11 08:52 001				
Aluminum	674	50.0	ug/L	SW846 6020
Arsenic	0.71 B	1.0	ug/L	SW846 6020
Antimony	0.39 B	2.0	ug/L	SW846 6020
Barium	92.1 B,J	200	ug/L	SW846 6010B
Calcium	157000 J	5000	ug/L	SW846 6010B
Cobalt	1.8 B	50.0	ug/L	SW846 6010B
Iron	1940	100	ug/L	SW846 6010B
Magnesium	18700 J	5000	ug/L	SW846 6010B
Manganese	986 J	15.0	ug/L	SW846 6010B
Nickel	3.7 B	40.0	ug/L	SW846 6010B
Potassium	2890 B,J	5000	ug/L	SW846 6010B
Sodium	18200	5000	ug/L	SW846 6010B
Vanadium	2.3 B,J	50.0	ug/L	SW846 6010B
Zinc	11.8 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	0.81 J,B	2.0	ug/L	SW846 8270C
1,1-Dichloroethane	0.48 J	1.0	ug/L	SW846 8260B
Chloride	17.4	1.0	mg/L	MCAWW 300.0A
Sulfate	186	5.0	mg/L	MCAWW 300.0A
Bromide	0.21 B	0.50	mg/L	MCAWW 300.0A
GW-WT117B-030811 03/08/11 09:22 002				
Thallium	0.27 B	1.0	ug/L	SW846 6020
Barium	54.5 B,J	200	ug/L	SW846 6010B
Calcium	176000 J	5000	ug/L	SW846 6010B
Iron	5850	100	ug/L	SW846 6010B
Magnesium	29600 J	5000	ug/L	SW846 6010B
Manganese	141 J	15.0	ug/L	SW846 6010B
Potassium	2220 B,J	5000	ug/L	SW846 6010B
Sodium	26300	5000	ug/L	SW846 6010B
Benzene	0.49 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	2.7	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.21 J	1.0	ug/L	SW846 8260B
Chloride	36.9	1.0	mg/L	MCAWW 300.0A
Sulfate	224	5.0	mg/L	MCAWW 300.0A
Bromide	0.14 B	0.50	mg/L	MCAWW 300.0A
GW-WT117C-030811 03/08/11 10:13 003				
Barium	161 B,J	200	ug/L	SW846 6010B
Calcium	258000 J	5000	ug/L	SW846 6010B
Iron	3950	100	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C090536

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT117C-030811 03/08/11 10:13 003				
Magnesium	24200 J	5000	ug/L	SW846 6010B
Manganese	389 J	15.0	ug/L	SW846 6010B
Potassium	3720 B,J	5000	ug/L	SW846 6010B
Sodium	34600	5000	ug/L	SW846 6010B
Vanadium	1.6 B,J	50.0	ug/L	SW846 6010B
Zinc	9.0 B,J	20.0	ug/L	SW846 6010B
Benzene	0.75 J	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	0.61 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	5.4	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.0	1.0	ug/L	SW846 8260B
Vinyl chloride	1.4	1.0	ug/L	SW846 8260B
Chloride	32.3	1.0	mg/L	MCAWW 300.0A
Sulfate	265	5.0	mg/L	MCAWW 300.0A
Bromide	0.39 B	0.50	mg/L	MCAWW 300.0A
GW-WT117D-030811 03/08/11 11:14 004				
Arsenic	1.9	1.0	ug/L	SW846 6020
Barium	51.7 B,J	200	ug/L	SW846 6010B
Calcium	119000 J	5000	ug/L	SW846 6010B
Iron	5590	100	ug/L	SW846 6010B
Magnesium	29400 J	5000	ug/L	SW846 6010B
Manganese	154 J	15.0	ug/L	SW846 6010B
Potassium	2510 B,J	5000	ug/L	SW846 6010B
Sodium	16500	5000	ug/L	SW846 6010B
Chloride	31.4	1.0	mg/L	MCAWW 300.0A
Sulfate	248	2.0	mg/L	MCAWW 300.0A
GW-WT104A-030811 03/08/11 14:11 005				
Selenium	5.6	5.0	ug/L	SW846 6010B
Barium	7.0 B,J	200	ug/L	SW846 6010B
Calcium	28000 J	5000	ug/L	SW846 6010B
Magnesium	8040 J	5000	ug/L	SW846 6010B
Manganese	0.87 B,J	15.0	ug/L	SW846 6010B
Potassium	755 B,J	5000	ug/L	SW846 6010B
Sodium	3930 B	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	3.8 B	2.0	ug/L	SW846 8270C
Chloride	18.1	1.0	mg/L	MCAWW 300.0A
Sulfate	18.8	1.0	mg/L	MCAWW 300.0A

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EXECUTIVE SUMMARY - Detection Highlights

A1C090536

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT114A-030811 03/08/11 15:52 006				
Barium	68.0 B,J	200	ug/L	SW846 6010B
Calcium	94800 J	5000	ug/L	SW846 6010B
Iron	162	100	ug/L	SW846 6010B
Magnesium	17300 J	5000	ug/L	SW846 6010B
Manganese	49.1 J	15.0	ug/L	SW846 6010B
Potassium	2460 B,J	5000	ug/L	SW846 6010B
Sodium	182000	5000	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.3 J,B	2.0	ug/L	SW846 8270C
Di-n-butyl phthalate	0.71 J,B	1.0	ug/L	SW846 8270C
1,2-Dichloropropane	0.18 J	1.0	ug/L	SW846 8260B
Chloride	315	5.0	mg/L	MCAWW 300.0A
Sulfate	53.5	1.0	mg/L	MCAWW 300.0A
Bromide	0.20 B	0.50	mg/L	MCAWW 300.0A
GW-WT114B-030811 03/08/11 15:26 007				
Arsenic	6.3	1.0	ug/L	SW846 6020
Barium	44.2 B,J	200	ug/L	SW846 6010B
Calcium	78800 J	5000	ug/L	SW846 6010B
Chromium	2.3 B	10.0	ug/L	SW846 6010B
Iron	2190	100	ug/L	SW846 6010B
Magnesium	18200 J	5000	ug/L	SW846 6010B
Manganese	36.6 J	15.0	ug/L	SW846 6010B
Potassium	1340 B,J	5000	ug/L	SW846 6010B
Sodium	23200	5000	ug/L	SW846 6010B
Zinc	5.2 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.2 J,B	2.0	ug/L	SW846 8270C
Di-n-butyl phthalate	0.71 J,B	1.0	ug/L	SW846 8270C
1,1-Dichloroethane	1.8	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.50 J	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	0.39 J	1.0	ug/L	SW846 8260B
Chloride	44.6	1.0	mg/L	MCAWW 300.0A
Sulfate	79.7	1.0	mg/L	MCAWW 300.0A
GW-WT114C-030811 03/08/11 16:27 008				
Arsenic	19.2	1.0	ug/L	SW846 6020
Barium	70.8 B,J	200	ug/L	SW846 6010B
Calcium	82500 J	5000	ug/L	SW846 6010B
Iron	3650	100	ug/L	SW846 6010B
Magnesium	19400 J	5000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C090536

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT114C-030811 03/08/11 16:27 008				
Manganese	34.2 J	15.0	ug/L	SW846 6010B
Potassium	1860 B,J	5000	ug/L	SW846 6010B
Sodium	16400	5000	ug/L	SW846 6010B
Zinc	9.3 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.3 J,B	2.0	ug/L	SW846 8270C
Diethyl phthalate	1.2	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	0.84 J,B	1.0	ug/L	SW846 8270C
Carbon disulfide	0.31 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.5	1.0	ug/L	SW846 8260B
Chloride	28.9	1.0	mg/L	MCAWW 300.0A
Sulfate	115	1.0	mg/L	MCAWW 300.0A
GW-WT114C-030811-D 03/08/11 16:35 009				
Arsenic	18.3	1.0	ug/L	SW846 6020
Barium	68.9 B,J	200	ug/L	SW846 6010B
Calcium	80300 J	5000	ug/L	SW846 6010B
Iron	3540	100	ug/L	SW846 6010B
Magnesium	18800 J	5000	ug/L	SW846 6010B
Manganese	32.9 J	15.0	ug/L	SW846 6010B
Potassium	1810 B,J	5000	ug/L	SW846 6010B
Sodium	15900	5000	ug/L	SW846 6010B
Zinc	6.2 B,J	20.0	ug/L	SW846 6010B
Diethyl phthalate	0.84 J	1.0	ug/L	SW846 8270C
1,1-Dichloroethane	4.5	1.0	ug/L	SW846 8260B
Chloride	28.9	1.0	mg/L	MCAWW 300.0A
Sulfate	115	1.0	mg/L	MCAWW 300.0A
GW-WT120A-030811 03/08/11 17:39 010				
Arsenic	3.2	1.0	ug/L	SW846 6020
Barium	65.5 B,J	200	ug/L	SW846 6010B
Calcium	71100 J	5000	ug/L	SW846 6010B
Iron	949	100	ug/L	SW846 6010B
Magnesium	18100 J	5000	ug/L	SW846 6010B
Manganese	79.4 J	15.0	ug/L	SW846 6010B
Potassium	1950 B,J	5000	ug/L	SW846 6010B
Sodium	31600	5000	ug/L	SW846 6010B
Zinc	7.2 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.4 J,B	2.0	ug/L	SW846 8270C
Di-n-butyl phthalate	0.86 J,B	1.0	ug/L	SW846 8270C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C090536

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT120A-030811 03/08/11 17:39 010				
Carbon disulfide	0.30 J	1.0	ug/L	SW846 8260B
Chloride	55.2	1.0	mg/L	MCAWW 300.0A
Sulfate	35.4	1.0	mg/L	MCAWW 300.0A
TRIP BLANK-030811-001 03/08/11 08:55 011				
Acetone	1.4 J	10	ug/L	SW846 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C090536

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1C090536

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFENM	001	GW-WT117A-030811	03/08/11	08:52
MFEN6	002	GW-WT117B-030811	03/08/11	09:22
MFEN8	003	GW-WT117C-030811	03/08/11	10:13
MFEPA	004	GW-WT117D-030811	03/08/11	11:14
MFEPC	005	GW-WT104A-030811	03/08/11	14:11
MFEPE	006	GW-WT114A-030811	03/08/11	15:52
MFEPF	007	GW-WT114B-030811	03/08/11	15:26
MFEPJ	008	GW-WT114C-030811	03/08/11	16:27
MFEPK	009	GW-WT114C-030811-D	03/08/11	16:35
MFEPL	010	GW-WT120A-030811	03/08/11	17:39
MFEPN	011	TRIP BLANK-030811-001	03/08/11	08:55

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631
(773)380-9933 phone
(773)380-6421 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs; Cyanide; Bromide; Chloride; Sulfate; Methane	REMARKS
1	3/8/11	852	GW-WT117A-030811	Water	6	X X X X X X	
2		922	GW-WT117B-030811		6	X X X X X X	
3		1013	GW-WT117C-030811		6	X X X X X X	
4		1114	GW-WT117D-030811		6	X X X X X X	
5		1411	GW-WT104A-030811		6	X X X X X X	
6		1552	GW-WT114A-030811		6	X X X X X X	
7		1526	GW-WT114B-030811		6	X X X X X X	
8		1627	GW-WT114C-030811		6	X X X X X X	
9		1635	GW-WT114C-030811-D		6	X X X X X X	
10		1739	GW-WT120A-030811		6	X X X X X X	
11	3/8/11	855	TRIP BLANK-030811-001	Water	1	X	
TOTAL NUMBER OF CONTAINERS					61		

RELINQUISHED BY: ① [signature]	DATE: 3/8/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **AIR BILL No.** 8729 9340 4878

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Jeff Kolodziejski

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3-9-11 TIME: 1040

005304

1001-00(SOURCE)GN-CO004

North Canton

CONESTOGA-ROVERS & ASSOCIATES
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631
(773)380-9933 phone
(773)380-6421 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 039611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Granger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/8/11	852	GW-WT117A-030811	Water	2	X	
2		922	GW-WT117B-030811		2	X	
3		1013	GW-WT117C-030811		2	X	
4		1114	GW-WT117D-030811		2	X	
5	3/8/11	1411	GW-WT104A-030811	Water	2	X	

TOTAL NUMBER OF CONTAINERS 10

RELINQUISHED BY: (1) Tim Granger	DATE: 3/8/11 TIME: 1800	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **AIR BILL No.** 8729 9340 9878

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Granger, Jeff Kolodziejski

RECEIVED FOR LABORATORY BY: _____
DATE: 3-9-11 TIME: 1040

005305

1001-00(SOURCE)GN-CO004

North Canton

CONESTOGA-ROVERS & ASSOCIATES
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631
(773)380-9933 phone
(773)380-6421 fax

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/8/11	1552	GW-WT114A-030811	Water	2	X	
2	"	1526	GW-WT114B-030811	"	2	X	
3	"	1635	GW-WT114C-030811-D	"	2	X	
4	"	1627	GW-WT114C-030811-	"	2	X	
5	3/8/11	1739	GW-WT120A-030811	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		10		

RELINQUISHED BY: (1) _____	DATE: 3/8/11 TIME: 1800	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **AIR BILL No.** 8729 9340 4878

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Jeff Kolodziejski

RECEIVED FOR LABORATORY BY: _____
DATE: 3-9-11 TIME: 1040

005306

1001-00(SOURCE)GN-CO004

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 410905536
North Canton Facility

Client CRA Project Himco By: _____
Cooler Received on 3-9-11 Opened on 3-9-11 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 6 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN$/*NaOH*. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
117 A	<2 712	3-9-11	MS
B	<2 712		
C	<2 712		
D	<2 712		
104 A	<2 712		
114 A	<2 712		
B	<2 712		
C	<2 712		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials
114 C-DUP	<2 >12	3-9-11	MS
120A	>2 <12	1	1

Cooler #	Temp. °C	Method	Coolant
L422	2.9	IR	Ice
C506	3.3	1	1
NOH	2.6		

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-001 **Work Order #...:** MFENM1AA **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**0.48 J**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-001 **Work Order #...:** MFENM1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
1,2-Dichloroethane-d4	80	(63 - 129)
Toluene-d8	79	(74 - 115)
4-Bromofluorobenzene	81	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-002 **Work Order #...:** MFEN61AL **Matrix.....:** WG
Date Sampled...: 03/08/11 09:22 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**0.49 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**2.7**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.21 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-002 **Work Order #...:** MFEN61AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(75 - 121)
1,2-Dichloroethane-d4	80	(63 - 129)
Toluene-d8	81	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-003 **Work Order #...:** MFEN81AL **Matrix.....:** WG
Date Sampled...: 03/08/11 10:13 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**0.75 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**0.61 J**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**5.4**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**1.0**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-003 **Work Order #...:** MFEN81AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**1.4**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
1,2-Dichloroethane-d4	78	(63 - 129)
Toluene-d8	77	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-004 **Work Order #...:** MFEPA1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 11:14 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-004 **Work Order #...:** MFEPA1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
1,2-Dichloroethane-d4	79	(63 - 129)
Toluene-d8	78	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-005 **Work Order #...:** MFEPC1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 14:11 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-005 **Work Order #...:** MFEPC1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(75 - 121)
1,2-Dichloroethane-d4	79	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-006 **Work Order #...:** MFEPE1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 15:52 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	**0.18 J**	**1.0**	**ug/L**	**0.18**
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-006 **Work Order #...:** MFEPE1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	79	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-007 **Work Order #...:** MFEPF1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 15:26 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**1.8**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.50 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	**0.39 J**	**1.0**	**ug/L**	**0.18**
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-007 **Work Order #...:** MFEPF1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	80	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	81	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-008 **Work Order #...:** MFEPJ1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 16:27 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.31 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**4.5**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-008 **Work Order #...:** MFEPJ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	79	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

GC/MS Volatiles

Lot-Sample #...: A1C090536-009 **Work Order #...:** MFEPK1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 16:35 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**4.5**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

GC/MS Volatiles

Lot-Sample #...: A1C090536-009 **Work Order #...:** MFEPK1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-010 **Work Order #...:** MFEPL1AL **Matrix.....:** WG
Date Sampled...: 03/08/11 17:39 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.30 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

GC/MS Volatiles

Lot-Sample #...: A1C090536-010 **Work Order #...:** MFEPL1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	78	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-030811-001

GC/MS Volatiles

Lot-Sample #...: A1C090536-011 **Work Order #...:** MFEPN1AA **Matrix.....:** WQ
Date Sampled...: 03/08/11 08:55 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.4 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-030811-001

GC/MS Volatiles

Lot-Sample #...: A1C090536-011 **Work Order #...:** MFEPN1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
1,2-Dichloroethane-d4	80	(63 - 129)
Toluene-d8	79	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C090536 **Work Order #...:** MFN9R1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C160000-108

Prep Date.....: 03/14/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/14/11 **Prep Batch #...:** 1075108
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C090536 **Work Order #...:** MFN9R1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.22 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	77	(75 - 121)
1,2-Dichloroethane-d4	78	(63 - 129)
Toluene-d8	81	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C090536 **Work Order #...:** MFN9R1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-108
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**92**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**86**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**95**	**(78 - 131)**	**SW846 8260B**
Toluene	**90**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**92**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C090536 **Work Order #...:** MFN9R1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-108
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.2**	**ug/L**	**92**	**SW846 8260B**
Chlorobenzene	**10**	**8.6**	**ug/L**	**86**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.5**	**ug/L**	**95**	**SW846 8260B**
Toluene	**10**	**9.0**	**ug/L**	**90**	**SW846 8260B**
Trichloroethene	**10**	**9.2**	**ug/L**	**92**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C090536 **Work Order #...:** MFEM11AM-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C090525-005 MFEM11AN-MSD
Date Sampled...: 03/08/11 11:30 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 11.11 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**93**	**(72 - 121)**			**SW846 8260B**
	98	**(72 - 121)**	**4.6**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**88**	**(80 - 110)**			**SW846 8260B**
	95	**(80 - 110)**	**6.8**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(74 - 135)**			**SW846 8260B**
	91	**(74 - 135)**	**3.5**	**(0-30)**	**SW846 8260B**
Toluene	**91**	**(78 - 114)**			**SW846 8260B**
	96	**(78 - 114)**	**4.4**	**(0-30)**	**SW846 8260B**
Trichloroethene	**93**	**(66 - 120)**			**SW846 8260B**
	97	**(66 - 120)**	**3.8**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
	79	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
	77	(63 - 129)
Toluene-d8	81	(74 - 115)
	81	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)
	95	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C090536 **Work Order #...:** MFEM11AM-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C090525-005 MFEM11AN-MSD
Date Sampled...: 03/08/11 11:30 **Date Received..:** 03/09/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/14/11
Prep Batch #...: 1075108
Dilution Factor: 11.11 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**7.9**	**110**	**110**	**ug/L**	**93**		**SW846 8260B**
	7.9	**110**	**120**	**ug/L**	**98**	**4.6**	**SW846 8260B**
Chlorobenzene	**ND**	**110**	**98**	**ug/L**	**88**		**SW846 8260B**
	ND	**110**	**110**	**ug/L**	**95**	**6.8**	**SW846 8260B**
1,1-Dichloroethene	**13**	**110**	**120**	**ug/L**	**94**		**SW846 8260B**
	13	**110**	**110**	**ug/L**	**91**	**3.5**	**SW846 8260B**
Toluene	**7.1**	**110**	**110**	**ug/L**	**91**		**SW846 8260B**
	7.1	**110**	**110**	**ug/L**	**96**	**4.4**	**SW846 8260B**
Trichloroethene	**ND**	**110**	**100**	**ug/L**	**93**		**SW846 8260B**
	ND	**110**	**110**	**ug/L**	**97**	**3.8**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
	79	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
	77	(63 - 129)
Toluene-d8	81	(74 - 115)
	81	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)
	95	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-001 **Work Order #...:** MFENM1AC **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**0.81 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-001 **Work Order #...:** MFENM1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-001 **Work Order #...:** MFENM1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	58	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-002 **Work Order #...:** MFEN61AM **Matrix.....:** WG
Date Sampled...: 03/08/11 09:22 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 950 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-002 **Work Order #...:** MFEN61AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-002 **Work Order #...:** MFEN61AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	67	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	60	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-003 **Work Order #...:** MFEN81AM **Matrix.....:** WG
Date Sampled...: 03/08/11 10:13 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-003 **Work Order #...:** MFEN81AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-003 **Work Order #...:** MFEN81AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	65	(37 - 119)
Phenol-d5	58	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-004 **Work Order #...:** MFEPA1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 11:14 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-004 **Work Order #...:** MFEPA1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-004 **Work Order #...:** MFEPA1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	67	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	64	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-005 **Work Order #...:** MFEPC1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 14:11 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**3.8 B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-005 **Work Order #...:** MFEPC1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-005 **Work Order #...:** MFEPC1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	65	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	56	(10 - 110)
2,4,6-Tribromophenol	50	(22 - 120)

NOTE(S):

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-006 **Work Order #...:** MFEPE1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 15:52 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.3 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	**0.71 J,B**	**1.0**	**ug/L**	**0.67**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-006 **Work Order #...:** MFEPE1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-006 **Work Order #...:** MFEPE1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	55	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-007 **Work Order #...:** MFEPF1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 15:26 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.2 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	**0.71 J,B**	**1.0**	**ug/L**	**0.67**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-007 **Work Order #...:** MFEPF1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-007 **Work Order #...:** MFEPF1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	54	(28 - 110)
Terphenyl-d14	66	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	59	(10 - 110)
2,4,6-Tribromophenol	60	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-008 **Work Order #...:** MFEPJ1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 16:27 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.3 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	**1.2**	**1.0**	**ug/L**	**0.60**
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	**0.84 J,B**	**1.0**	**ug/L**	**0.67**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-008 **Work Order #...:** MFEPJ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-008 **Work Order #...:** MFEPJ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	63	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	55	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-009 **Work Order #...:** MFEPK1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 16:35 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	**0.84 J**	**1.0**	**ug/L**	**0.60**
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-009 **Work Order #...:** MFEPK1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-009 **Work Order #...:** MFEPK1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	65	(37 - 119)
Phenol-d5	52	(10 - 110)
2-Fluorophenol	50	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-010 **Work Order #...:** MFEPL1AM **Matrix.....:** WG
Date Sampled...: 03/08/11 17:39 **Date Received..:** 03/09/11
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.4 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	**0.86 J,B**	**1.0**	**ug/L**	**0.67**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-010 **Work Order #...:** MFEPL1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

GC/MS Semivolatiles

Lot-Sample #...: A1C090536-010 **Work Order #...:** MFEPL1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	65	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	56	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C100000-048

Prep Date.....: 03/10/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/17/11 **Prep Batch #...:** 1069048
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**1.1 J**	**2.0**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	**0.70 J**	**1.0**	**ug/L**	**SW846 8270C**
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	54	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	61	(10 - 110)
2-Fluorophenol	59	(10 - 110)
2,4,6-Tribromophenol	57	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C100000-048 MFF0D1AD-LCSD
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**64**	**(40 - 110)**			**SW846 8270C**
	66	**(40 - 110)**	**3.6**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**52**	**(25 - 110)**			**SW846 8270C**
	53	**(25 - 110)**	**2.5**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**55**	**(19 - 110)**			**SW846 8270C**
	55	**(19 - 110)**	**1.0**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**72**	**(39 - 110)**			**SW846 8270C**
	73	**(39 - 110)**	**1.5**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**72**	**(27 - 110)**			**SW846 8270C**
	74	**(27 - 110)**	**1.7**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**71**	**(52 - 123)**			**SW846 8270C**
	72	**(52 - 123)**	**1.5**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**66**	**(12 - 130)**			**SW846 8270C**
	74	**(12 - 130)**	**11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**64**	**(37 - 121)**			**SW846 8270C**
	64	**(37 - 121)**	**1.0**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**58**	**(26 - 110)**			**SW846 8270C**
	61	**(26 - 110)**	**6.1**	**(0-30)**	**SW846 8270C**
Phenol	**73**	**(14 - 112)**			**SW846 8270C**
	73	**(14 - 112)**	**0.64**	**(0-30)**	**SW846 8270C**
Pyrene	**66**	**(55 - 120)**			**SW846 8270C**
	67	**(55 - 120)**	**1.0**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
	68	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	76	(37 - 119)
	77	(37 - 119)
Phenol-d5	73	(10 - 110)
	73	(10 - 110)
2-Fluorophenol	71	(10 - 110)
	72	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C100000-048 MFF0D1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(22 - 120)
	77	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C100000-048 MFF0D1AD-LCSD
Prep Date.....: 03/10/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1069048
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	**20**	**13**	**ug/L**	**64**		**SW846 8270C**
	20	**13**	**ug/L**	**66**	**3.6**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**10**	**ug/L**	**52**		**SW846 8270C**
	20	**11**	**ug/L**	**53**	**2.5**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**11**	**ug/L**	**55**		**SW846 8270C**
	20	**11**	**ug/L**	**55**	**1.0**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**14**	**ug/L**	**72**		**SW846 8270C**
	20	**15**	**ug/L**	**73**	**1.5**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**72**		**SW846 8270C**
	20	**15**	**ug/L**	**74**	**1.7**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**14**	**ug/L**	**71**		**SW846 8270C**
	20	**14**	**ug/L**	**72**	**1.5**	**SW846 8270C**
4-Nitrophenol	**20**	**13**	**ug/L**	**66**		**SW846 8270C**
	20	**15**	**ug/L**	**74**	**11**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**13**	**ug/L**	**64**		**SW846 8270C**
	20	**13**	**ug/L**	**64**	**1.0**	**SW846 8270C**
Pentachlorophenol	**20**	**12**	**ug/L**	**58**		**SW846 8270C**
	20	**12**	**ug/L**	**61**	**6.1**	**SW846 8270C**
Phenol	**20**	**15**	**ug/L**	**73**		**SW846 8270C**
	20	**15**	**ug/L**	**73**	**0.64**	**SW846 8270C**
Pyrene	**20**	**13**	**ug/L**	**66**		**SW846 8270C**
	20	**13**	**ug/L**	**67**	**1.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
	68	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	76	(37 - 119)
	77	(37 - 119)
Phenol-d5	73	(10 - 110)
	73	(10 - 110)
2-Fluorophenol	71	(10 - 110)
	72	(10 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C090536 **Work Order #...:** MFF0D1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C100000-048 MFF0D1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(22 - 120)
	77	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-001 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	**674**	**50.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFENM1A0**
		Dilution Factor: 1		Analysis Time..: 15:19	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.71 B**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/22/11**	**MFENM1A1**
		Dilution Factor: 1		Analysis Time..: 12:16	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AV
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.39 B**	**2.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFENM1A2**
		Dilution Factor: 1		Analysis Time..: 15:19	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFENM1A3
		Dilution Factor: 1		Analysis Time..: 15:19	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AW
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**92.1 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AD**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AX
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AE
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**157000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AF**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AG
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**1.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AH**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AJ
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1940**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AK**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18700 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AL**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**986 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AM**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**3.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AN**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2890 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AP**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFENM1AQ
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**18200**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AR**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**2.3 B,J**	**50.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AT**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**11.8 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFENM1AU**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFENM1A4
		Dilution Factor: 1		Analysis Time..: 14:27	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

TOTAL Metals

Lot-Sample #...: A1C090536-002 **Matrix.....:** WG
Date Sampled...: 03/08/11 09:22 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEN61AA
		Dilution Factor: 1		Analysis Time..: 15:47	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEN61AC
		Dilution Factor: 1		Analysis Time..: 15:47	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A6
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEN61AD
		Dilution Factor: 1		Analysis Time..: 15:47	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.27 B**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFEN61AE**
		Dilution Factor: 1		Analysis Time..: 15:47	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A7
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**54.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61AN**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A8
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61AP
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**176000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61AQ**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

TOTAL Metals

Lot-Sample #...: A1C090536-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61AR
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61AT
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61AU
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**5850**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61AV**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**29600 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61AW**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**141 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61AX**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A0
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2220 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61A1**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A2
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**26300**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN61A3**
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

TOTAL Metals

Lot-Sample #...: A1C090536-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A4
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN61A5
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEN61AF
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

TOTAL Metals

Lot-Sample #...: A1C090536-003 **Matrix.....:** WG
Date Sampled...: 03/08/11 10:13 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEN81AA
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEN81AC
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81A6
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEN81AD
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEN81AE
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81A7
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**161 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81AN**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81A8
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81AP
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**258000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81AQ**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

TOTAL Metals

Lot-Sample #...: A1C090536-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81AR
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81AT
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81AU
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3950**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81AV**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**24200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81AW**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**389 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81AX**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81A0
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3720 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81A1**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEN81A2
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**34600**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81A3**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

TOTAL Metals

Lot-Sample #...: A1C090536-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**1.6 B,J**	**50.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81A4**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**9.0 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEN81A5**
		Dilution Factor: 1		Analysis Time..: 10:32	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEN81AF
		Dilution Factor: 1		Analysis Time..: 14:52	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

TOTAL Metals

Lot-Sample #...: A1C090536-004 **Matrix.....:** WG
Date Sampled...: 03/08/11 11:14 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPA1AA
		Dilution Factor: 1		Analysis Time..: 15:57	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.9**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFEPA1AC**
		Dilution Factor: 1		Analysis Time..: 15:57	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A6
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPA1AD
		Dilution Factor: 1		Analysis Time..: 15:57	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPA1AE
		Dilution Factor: 1		Analysis Time..: 15:57	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A7
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**51.7 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1AN**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A8
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1AP
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**119000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1AQ**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

TOTAL Metals

Lot-Sample #...: A1C090536-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1AR
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1AT
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1AU
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**5590**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1AV**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**29400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1AW**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**154 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1AX**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A0
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2510 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1A1**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A2
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**16500**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPA1A3**
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

TOTAL Metals

Lot-Sample #...: A1C090536-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A4
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPA1A5
		Dilution Factor: 1		Analysis Time..: 10:38	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPA1AF
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-005 **Matrix.....:** WG
Date Sampled...: 03/08/11 14:11 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPC1AA
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPC1AC
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1A6
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPC1AD
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPC1AE
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1A7
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**7.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1AN**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	**5.6**	**5.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1A8**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1AP
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**28000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1AQ**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1AR
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1AT
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1AU
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1AV
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**8040 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1AW**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**0.87 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1AX**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1A0
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**755 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1A1**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1A2
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**3930 B**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPC1A3**
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1A4
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPC1A5
		Dilution Factor: 1		Analysis Time..: 10:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPC1AF
		Dilution Factor: 1		Analysis Time..: 14:51	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-006 **Matrix.....:** WG
Date Sampled...: 03/08/11 15:52 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPE1AA
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPE1AC
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A6
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPE1AD
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPE1AE
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A7
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**68.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1AN**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A8
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1AP
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**94800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1AQ**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1AR
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1AT
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1AU
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**162**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1AV**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**17300 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1AW**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**49.1 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1AX**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A0
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2460 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1A1**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A2
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**182000**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPE1A3**
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A4
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPE1A5
		Dilution Factor: 1		Analysis Time..: 10:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPE1AF
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

TOTAL Metals

Lot-Sample #...: A1C090536-007 **Matrix.....:** WG
Date Sampled...: 03/08/11 15:26 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPF1AA
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**6.3**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFEPF1AC**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1A6
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPF1AD
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPF1AE
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1A7
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**44.2 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1AN**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1A8
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1AP
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**78800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1AQ**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

TOTAL Metals

Lot-Sample #...: A1C090536-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.3 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1AR**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1AT
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1AU
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**2190**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1AV**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1AW**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**36.6 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1AX**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1A0
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1340 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1A1**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1A2
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**23200**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1A3**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

TOTAL Metals

Lot-Sample #...: A1C090536-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPF1A4
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.2 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPF1A5**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPF1AF
		Dilution Factor: 1		Analysis Time..: 14:32	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

TOTAL Metals

Lot-Sample #...: A1C090536-008 **Matrix.....:** WG
Date Sampled...: 03/08/11 16:27 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPJ1AA
		Dilution Factor: 1		Analysis Time..: 16:26	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**19.2**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFEPJ1AC**
		Dilution Factor: 1		Analysis Time..: 16:26	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1A6
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPJ1AD
		Dilution Factor: 1		Analysis Time..: 16:26	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPJ1AE
		Dilution Factor: 1		Analysis Time..: 16:26	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1A7
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**70.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1AN**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1A8
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1AP
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**82500 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1AQ**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

TOTAL Metals

Lot-Sample #...: A1C090536-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1AR
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1AT
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1AU
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3650**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1AV**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1AW**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**34.2 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1AX**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1A0
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1860 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1A1**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1A2
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**16400**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1A3**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

TOTAL Metals

Lot-Sample #...: A1C090536-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPJ1A4
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**9.3 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPJ1A5**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPJ1AF
		Dilution Factor: 1		Analysis Time..: 14:34	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

TOTAL Metals

Lot-Sample #...: A1C090536-009 **Matrix.....:** WG
Date Sampled...: 03/08/11 16:35 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPK1AA
		Dilution Factor: 1		Analysis Time..: 16:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**18.3**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFEPK1AC**
		Dilution Factor: 1		Analysis Time..: 16:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1A6
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPK1AD
		Dilution Factor: 1		Analysis Time..: 16:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPK1AE
		Dilution Factor: 1		Analysis Time..: 16:31	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1A7
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**68.9 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1AN**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1A8
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1AP
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**80300 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1AQ**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

TOTAL Metals

Lot-Sample #...: A1C090536-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1AR
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1AT
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1AU
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3540**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1AV**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1AW**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**32.9 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1AX**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1A0
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1810 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1A1**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1A2
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**15900**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1A3**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

TOTAL Metals

Lot-Sample #...: A1C090536-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPK1A4
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**6.2 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPK1A5**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPK1AF
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-010 **Matrix.....:** WG
Date Sampled...: 03/08/11 17:39 **Date Received..:** 03/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFEPL1AA
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.2**	**1.0**	**ug/L**	**SW846 6020**	**03/10-03/21/11**	**MFEPL1AC**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1A6
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFEPL1AD
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFEPL1AE
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1A7
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**65.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1AN**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1A8
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1AP
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**71100 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1AQ**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-010 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1AR
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1AT
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1AU
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**949**	**100**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1AV**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18100 J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1AW**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**79.4 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1AX**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1A0
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1950 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1A1**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1A2
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**31600**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1A3**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

TOTAL Metals

Lot-Sample #...: A1C090536-010 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFEPL1A4
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**7.2 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFEPL1A5**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFEPL1AF
		Dilution Factor: 1		Analysis Time..: 14:47	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C100000-016 **Prep Batch #...:** 1069016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/10-03/21/11	MFFW11AW
		Dilution Factor: 1				
		Analysis Time..: 15:04	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/10-03/21/11	MFFW11A0
		Dilution Factor: 1				
		Analysis Time..: 15:04	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/10-03/22/11	MFFW11AX
		Dilution Factor: 1				
		Analysis Time..: 12:04	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AT
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	03/10-03/21/11	MFFW11A1
		Dilution Factor: 1				
		Analysis Time..: 15:04	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AU
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.6 B**	**200**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AA**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AV
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AC
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**525 B**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AD**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AE
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AF
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AG
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AH
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	**39.4 B**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AJ**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**1.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AK**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AL
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**193 B**	**5000**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AM**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AN
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	03/10-03/11/11	MFFW11AP
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	**0.95 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AQ**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**31.9**	**20.0**	**ug/L**	**SW846 6010B**	**03/10-03/11/11**	**MFFW11AR**
		Dilution Factor: 1				
		Analysis Time..: 08:54	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	03/10-03/14/11	MFFW11A2
		Dilution Factor: 1				
		Analysis Time..: 14:23	Analyst ID.....: 002260	Instrument ID..: H4		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C100000-016 **Prep Batch #...:** 1069016					
Cadmium	95	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CK
		Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6			
Aluminum	105	(80 - 120)	SW846 6020	03/10-03/21/11	MFFW11CN
		Dilution Factor: 1	Analysis Time..: 15:09	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	100	(80 - 120)	SW846 6020	03/10-03/22/11	MFFW11CP
		Dilution Factor: 1	Analysis Time..: 12:09	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	103	(80 - 120)	SW846 6020	03/10-03/21/11	MFFW11CQ
		Dilution Factor: 1	Analysis Time..: 15:09	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	101	(80 - 120)	SW846 6020	03/10-03/21/11	MFFW11CR
		Dilution Factor: 1	Analysis Time..: 15:09	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	96	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CL
		Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	95	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A3
		Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	97	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CM
		Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	94	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A4
		Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	95	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A5
		Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	93	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A6
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	94	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A7
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	95	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A8
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	99	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11A9
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	95	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CA
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	95	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CC
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	94	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CD
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	98	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CE
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	92	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CF
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	96	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CG
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	93	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CH
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	102	(80 - 120)	SW846 6010B	03/10-03/11/11	MFFW11CJ
	Dilution Factor: 1	Analysis Time..: 09:00	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	101	(81 - 123)	SW846 7470A	03/10-03/14/11	MFFW11CT
	Dilution Factor: 1	Analysis Time..: 14:25	Analyst ID.....: 002260		
	Instrument ID..: H4				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C100000-016 **Prep Batch #...:** 1069016							
Cadmium	50.0	47.7	ug/L	95	SW846 6010B	03/10-03/11/11	MFFW11CK
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				
Aluminum	10000	10500	ug/L	105	SW846 6020	03/10-03/21/11	MFFW11CN
			Dilution Factor: 1		Analysis Time..: 15:09	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	99.9	ug/L	100	SW846 6020	03/10-03/22/11	MFFW11CP
			Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	103	ug/L	103	SW846 6020	03/10-03/21/11	MFFW11CQ
			Dilution Factor: 1		Analysis Time..: 15:09	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	101	ug/L	101	SW846 6020	03/10-03/21/11	MFFW11CR
			Dilution Factor: 1		Analysis Time..: 15:09	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	478	ug/L	96	SW846 6010B	03/10-03/11/11	MFFW11CL
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1910	ug/L	95	SW846 6010B	03/10-03/11/11	MFFW11A3
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1940	ug/L	97	SW846 6010B	03/10-03/11/11	MFFW11CM
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	47.0	ug/L	94	SW846 6010B	03/10-03/11/11	MFFW11A4
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	47500	ug/L	95	SW846 6010B	03/10-03/11/11	MFFW11A5
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	187	ug/L	93	SW846 6010B	03/10-03/11/11	MFFW11A6
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Cobalt	500	470	ug/L	94	SW846 6010B	03/10-03/11/11	MFFW11A7
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Copper	250	237	ug/L	95	SW846 6010B	03/10-03/11/11	MFFW11A8
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Iron	1000	991	ug/L	99	SW846 6010B	03/10-03/11/11	MFFW11A9
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Magnesium	50000	47600	ug/L	95	SW846 6010B	03/10-03/11/11	MFFW11CA
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Manganese	500	477	ug/L	95	SW846 6010B	03/10-03/11/11	MFFW11CC
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Nickel	500	472	ug/L	94	SW846 6010B	03/10-03/11/11	MFFW11CD
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Potassium	50000	48900	ug/L	98	SW846 6010B	03/10-03/11/11	MFFW11CE
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Silver	50.0	46.1	ug/L	92	SW846 6010B	03/10-03/11/11	MFFW11CF
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Sodium	50000	48000	ug/L	96	SW846 6010B	03/10-03/11/11	MFFW11CG
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	500	467	ug/L	93	SW846 6010B	03/10-03/11/11	MFFW11CH
		Dilution Factor: 1			Analysis Time..: 09:00	Analyst ID.....: 001637	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	511	ug/L	102	SW846 6010B	03/10-03/11/11	MFFW11CJ
			Dilution Factor: 1		Analysis Time..: 09:00	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.1	ug/L	101	SW846 7470A	03/10-03/14/11	MFFW11CT
			Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 002260	
			Instrument ID..: H4				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C090536-001 **Prep Batch #...:** 1069016							
Aluminum	102	(63 - 128)			SW846 6020	03/10-03/21/11	MFENM1DG
	101	(63 - 128)	0.27	(0-20)	SW846 6020	03/10-03/21/11	MFENM1DH
		Dilution Factor: 1					
		Analysis Time..: 15:34			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	101	(44 - 153)			SW846 6020	03/10-03/21/11	MFENM1DL
	98	(44 - 153)	2.0	(0-20)	SW846 6020	03/10-03/21/11	MFENM1DM
		Dilution Factor: 1					
		Analysis Time..: 15:34			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	97	(82 - 123)			SW846 6020	03/10-03/22/11	MFENM1DJ
	98	(82 - 123)	0.88	(0-20)	SW846 6020	03/10-03/22/11	MFENM1DK
		Dilution Factor: 1					
		Analysis Time..: 12:21			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	98	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1C9
	99	(75 - 125)	1.6	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1DA
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	100	(69 - 117)			SW846 6020	03/10-03/21/11	MFENM1DN
	99	(69 - 117)	1.2	(0-20)	SW846 6020	03/10-03/21/11	MFENM1DP
		Dilution Factor: 1					
		Analysis Time..: 15:34			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	99	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1DC
	100	(75 - 125)	1.4	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1DD
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	100	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1A9
	101	(75 - 125)	1.3	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CA
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	101	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1DE
	103	(75 - 125)	1.6	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1DF
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	96	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CC
	98	(75 - 125)	1.8	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CD
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	100	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CE
	98	(75 - 125)	0.65	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CF
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	96	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CG
	98	(75 - 125)	1.8	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CH
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	97	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CJ
	98	(75 - 125)	1.4	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CK
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	100	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CL
	101	(75 - 125)	1.7	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CM
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	110	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CN
	108	(75 - 125)	0.72	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CP
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	98	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CQ
	100	(75 - 125)	0.99	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CR
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	106	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CT
	105	(75 - 125)	0.47	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CU
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	97	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CV
	99	(75 - 125)	1.6	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1CW
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	104	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1CX
	105	(75 - 125)	1.1	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1C0
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	97	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1C1
	99	(75 - 125)	1.9	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1C2
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	99	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1C3
	100	(75 - 125)	0.87	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1C4
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	96	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1C5
	98	(75 - 125)	1.5	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1C6
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	102	(75 - 125)			SW846 6010B	03/10-03/11/11	MFENM1C7
	103	(75 - 125)	1.6	(0-20)	SW846 6010B	03/10-03/11/11	MFENM1C8
		Dilution Factor: 1					
		Analysis Time..: 10:14			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	96	(69 - 134)			SW846 7470A	03/10-03/14/11	MFENM1DQ
	91	(69 - 134)	4.4	(0-20)	SW846 7470A	03/10-03/14/11	MFENM1DR
		Dilution Factor: 1					
		Analysis Time..: 14:29			Instrument ID..: H4	Analyst ID.....: 002260	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C090536-001 **Prep Batch #...:** 1069016									
Aluminum									
	674	10000	10800	ug/L	102		SW846 6020	03/10-03/21/11	MFENM1DG
	674	10000	10800	ug/L	101	0.27	SW846 6020	03/10-03/21/11	MFENM1DH
			Dilution Factor: 1						
			Analysis Time..: 15:34		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	0.39	100	101	ug/L	101		SW846 6020	03/10-03/21/11	MFENM1DL
	0.39	100	98.8	ug/L	98	2.0	SW846 6020	03/10-03/21/11	MFENM1DM
			Dilution Factor: 1						
			Analysis Time..: 15:34		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	0.71	100	97.5	ug/L	97		SW846 6020	03/10-03/22/11	MFENM1DJ
	0.71	100	98.3	ug/L	98	0.88	SW846 6020	03/10-03/22/11	MFENM1DK
			Dilution Factor: 1						
			Analysis Time..: 12:21		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	48.8	ug/L	98		SW846 6010B	03/10-03/11/11	MFENM1C9
	ND	50.0	49.6	ug/L	99	1.6	SW846 6010B	03/10-03/11/11	MFENM1DA
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	99.9	ug/L	100		SW846 6020	03/10-03/21/11	MFENM1DN
	ND	100	98.7	ug/L	99	1.2	SW846 6020	03/10-03/21/11	MFENM1DP
			Dilution Factor: 1						
			Analysis Time..: 15:34		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	493	ug/L	99		SW846 6010B	03/10-03/11/11	MFENM1DC
	ND	500	501	ug/L	100	1.4	SW846 6010B	03/10-03/11/11	MFENM1DD
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	92.1	2000	2090	ug/L	100		SW846 6010B	03/10-03/11/11	MFENM1A9
	92.1	2000	2110	ug/L	101	1.3	SW846 6010B	03/10-03/11/11	MFENM1CA
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2020	ug/L	101		SW846 6010B	03/10-03/11/11	MFENM1DE
	ND	2000	2060	ug/L	103	1.6	SW846 6010B	03/10-03/11/11	MFENM1DF
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	
Beryllium									
	ND	50.0	48.1	ug/L	96		SW846 6010B	03/10-03/11/11	MFENM1CC
	ND	50.0	49.0	ug/L	98	1.8	SW846 6010B	03/10-03/11/11	MFENM1CD
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	
Calcium									
	157000	50000	207000	ug/L	100		SW846 6010B	03/10-03/11/11	MFENM1CE
	157000	50000	206000	ug/L	98	0.65	SW846 6010B	03/10-03/11/11	MFENM1CF
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	
Chromium									
	ND	200	193	ug/L	96		SW846 6010B	03/10-03/11/11	MFENM1CG
	ND	200	196	ug/L	98	1.8	SW846 6010B	03/10-03/11/11	MFENM1CH
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	
Cobalt									
	1.8	500	486	ug/L	97		SW846 6010B	03/10-03/11/11	MFENM1CJ
	1.8	500	493	ug/L	98	1.4	SW846 6010B	03/10-03/11/11	MFENM1CK
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	
Copper									
	ND	250	249	ug/L	100		SW846 6010B	03/10-03/11/11	MFENM1CL
	ND	250	253	ug/L	101	1.7	SW846 6010B	03/10-03/11/11	MFENM1CM
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	
Iron									
	1940	1000	3050	ug/L	110		SW846 6010B	03/10-03/11/11	MFENM1CN
	1940	1000	3020	ug/L	108	0.72	SW846 6010B	03/10-03/11/11	MFENM1CP
			Dilution Factor: 1						
			Analysis Time..: 10:14	Instrument ID..: I6				Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	18700	50000	67800	ug/L	98		SW846 6010B	03/10-03/11/11	MFENM1CQ
	18700	50000	68500	ug/L	100	0.99	SW846 6010B	03/10-03/11/11	MFENM1CR
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	986	500	1520	ug/L	106		SW846 6010B	03/10-03/11/11	MFENM1CT
	986	500	1510	ug/L	105	0.47	SW846 6010B	03/10-03/11/11	MFENM1CU
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	3.7	500	489	ug/L	97		SW846 6010B	03/10-03/11/11	MFENM1CV
	3.7	500	497	ug/L	99	1.6	SW846 6010B	03/10-03/11/11	MFENM1CW
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	2890	50000	54900	ug/L	104		SW846 6010B	03/10-03/11/11	MFENM1CX
	2890	50000	55500	ug/L	105	1.1	SW846 6010B	03/10-03/11/11	MFENM1C0
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	48.7	ug/L	97		SW846 6010B	03/10-03/11/11	MFENM1C1
	ND	50.0	49.6	ug/L	99	1.9	SW846 6010B	03/10-03/11/11	MFENM1C2
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	18200	50000	67800	ug/L	99		SW846 6010B	03/10-03/11/11	MFENM1C3
	18200	50000	68400	ug/L	100	0.87	SW846 6010B	03/10-03/11/11	MFENM1C4
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	2.3	500	483	ug/L	96		SW846 6010B	03/10-03/11/11	MFENM1C5
	2.3	500	490	ug/L	98	1.5	SW846 6010B	03/10-03/11/11	MFENM1C6
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	11.8	500	520	ug/L	102		SW846 6010B	03/10-03/11/11	MFENM1C7
	11.8	500	528	ug/L	103	1.6	SW846 6010B	03/10-03/11/11	MFENM1C8
			Dilution Factor: 1						
			Analysis Time..: 10:14		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	0.96	ug/L	96		SW846 7470A	03/10-03/14/11	MFENM1DQ
	ND	1.0	0.91	ug/L	91	4.4	SW846 7470A	03/10-03/14/11	MFENM1DR
			Dilution Factor: 1						
			Analysis Time..: 14:29		Instrument ID..: H4			Analyst ID.....: 002260	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117A-030811

General Chemistry

Lot-Sample #...: A1C090536-001 **Work Order #...:** MFENM **Matrix.....:** WG
Date Sampled...: 03/08/11 08:52 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.21 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/14/11**	**1074143**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**17.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/14/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**186**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/14/11**	**1074149**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117B-030811

General Chemistry

Lot-Sample #...: A1C090536-002 **Work Order #...:** MFEN6 **Matrix.....:** WG
Date Sampled...: 03/08/11 09:22 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.14 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/14/11**	**1074143**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**36.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/14/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**224**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/14/11**	**1074149**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117C-030811

General Chemistry

Lot-Sample #...: A1C090536-003 **Work Order #...:** MFEN8 **Matrix.....:** WG
Date Sampled...: 03/08/11 10:13 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.39 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074143**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**265**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT117D-030811

General Chemistry

Lot-Sample #...: A1C090536-004 **Work Order #...:** MFEPA **Matrix.....:** WG
Date Sampled...: 03/08/11 11:14 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**31.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**248**	**2.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 2		MDL.....: 0.24		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT104A-030811

General Chemistry

Lot-Sample #...: A1C090536-005 **Work Order #...:** MFEPC **Matrix.....:** WG
Date Sampled...: 03/08/11 14:11 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**18.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**18.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114A-030811

General Chemistry

Lot-Sample #...: A1C090536-006 **Work Order #...:** MFEPE **Matrix.....:** WG
Date Sampled...: 03/08/11 15:52 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.20 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074143**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**315**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 5		MDL.....: 0.50		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**53.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114B-030811

General Chemistry

Lot-Sample #...: A1C090536-007 **Work Order #...:** MFEPF **Matrix.....:** WG
Date Sampled...: 03/08/11 15:26 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**44.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**79.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811

General Chemistry

Lot-Sample #...: A1C090536-008 **Work Order #...:** MFEPJ **Matrix.....:** WG
Date Sampled...: 03/08/11 16:27 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**28.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**115**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT114C-030811-D

General Chemistry

Lot-Sample #...: A1C090536-009 **Work Order #...:** MFEPK **Matrix.....:** WG
Date Sampled...: 03/08/11 16:35 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**28.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**115**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT120A-030811

General Chemistry

Lot-Sample #...: A1C090536-010 **Work Order #...:** MFEPL **Matrix.....:** WG
Date Sampled...: 03/08/11 17:39 **Date Received..:** 03/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**55.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074138**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**35.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1074149**
		Dilution Factor: 1		MDL.....: 0.12		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MFM1K1AA		MB Lot-Sample #:	A1C150000-143	
	ND	0.50	mg/L	MCAWW 300.0A	03/14/11	1074143
		Dilution Factor: 1				
Chloride		Work Order #: MFM1E1AA		MB Lot-Sample #:	A1C150000-138	
	ND	1.0	mg/L	MCAWW 300.0A	03/14/11	1074138
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFLMC1AA		MB Lot-Sample #:	A1C140000-198	
	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1				
Sulfate		Work Order #: MFM2J1AA		MB Lot-Sample #:	A1C150000-149	
	ND	1.0	mg/L	MCAWW 300.0A	03/14/11	1074149
		Dilution Factor: 1				
Sulfate		Work Order #: MFP9H1AA		MB Lot-Sample #:	A1C160000-286	
	ND	1.0	mg/L	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C090536 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFM1K1AC-LCS/MFM1K1AD-LCSD LCS Lot-Sample#: A1C150000-143					
	96	(90 - 110)			MCAWW 300.0A	03/14/11	1074143
	96	(90 - 110)	0.40	(0-20)	MCAWW 300.0A	03/14/11	1074143
		Dilution Factor: 1					
Chloride		WO#:MFM1E1AC-LCS/MFM1E1AD-LCSD LCS Lot-Sample#: A1C150000-138					
	101	(90 - 110)			MCAWW 300.0A	03/14/11	1074138
	101	(90 - 110)	0.37	(0-20)	MCAWW 300.0A	03/14/11	1074138
		Dilution Factor: 1					
Sulfate		WO#:MFM2J1AC-LCS/MFM2J1AD-LCSD LCS Lot-Sample#: A1C150000-149					
	97	(90 - 110)			MCAWW 300.0A	03/14/11	1074149
	97	(90 - 110)	0.16	(0-20)	MCAWW 300.0A	03/14/11	1074149
		Dilution Factor: 1					
Sulfate		WO#:MFP9H1AC-LCS/MFP9H1AD-LCSD LCS Lot-Sample#: A1C160000-286					
	96	(90 - 110)			MCAWW 300.0A	03/15/11	1075286
	96	(90 - 110)	0.45	(0-20)	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C090536 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFM1K1AC-LCS/MFM1K1AD-LCSD LCS Lot-Sample#: A1C150000-143						
	10.0	9.6	mg/L	96		MCAWW 300.0A	03/14/11	1074143
	10.0	9.6	mg/L	96	0.40	MCAWW 300.0A	03/14/11	1074143
		Dilution Factor: 1						
Chloride		WO#:MFM1E1AC-LCS/MFM1E1AD-LCSD LCS Lot-Sample#: A1C150000-138						
	50.0	50.3	mg/L	101		MCAWW 300.0A	03/14/11	1074138
	50.0	50.5	mg/L	101	0.37	MCAWW 300.0A	03/14/11	1074138
		Dilution Factor: 1						
Sulfate		WO#:MFM2J1AC-LCS/MFM2J1AD-LCSD LCS Lot-Sample#: A1C150000-149						
	50.0	48.5	mg/L	97		MCAWW 300.0A	03/14/11	1074149
	50.0	48.6	mg/L	97	0.16	MCAWW 300.0A	03/14/11	1074149
		Dilution Factor: 1						
Sulfate		WO#:MFP9H1AC-LCS/MFP9H1AD-LCSD LCS Lot-Sample#: A1C160000-286						
	50.0	47.9	mg/L	96		MCAWW 300.0A	03/15/11	1075286
	50.0	48.2	mg/L	96	0.45	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFLMC1AC	LCS Lot-Sample#: A1C140000-198		
	70	(69 - 118)	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MFLMC1AC				LCS Lot-Sample#: A1C140000-198		
	0.33	0.23	mg/L	70	SW846 9012A	03/14/11	1073198
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MFF5E1A5-MS/MFF5E1A6-MSD				MS Lot-Sample #: A1C100420-006	
	79	(42 - 140)			SW846 9012A	03/14/11	1073198
	80	(42 - 140)	0.61	(0-20)	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1					
Sulfate		WO#: MFF5E1A2-MS/MFF5E1A3-MSD				MS Lot-Sample #: A1C100420-006	
	117	(80 - 120)			MCAWW 300.0A	03/15/11	1075286
	114	(80 - 120)	1.4	(0-20)	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MFF5E1A5-MS/MFF5E1A6-MSD				MS Lot-Sample #: A1C100420-006		
	ND	0.040	0.032	mg/L	79		SW846 9012A	03/14/11	1073198
	ND	0.040	0.033	mg/L	80	0.61	SW846 9012A	03/14/11	1073198
			Dilution Factor: 1						
Sulfate			WO#: MFF5E1A2-MS/MFF5E1A3-MSD				MS Lot-Sample #: A1C100420-006		
	45.3	50.0	104	mg/L	117		MCAWW 300.0A	03/15/11	1075286
	45.3	50.0	102	mg/L	114	1.4	MCAWW 300.0A	03/15/11	1075286
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 14:11 **Date Received..:** 03/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFEPC1CA		MS Lot-Sample #: A1C090536-005	
	105	(80 - 120)	MCAWW 300.0A	03/15/11	1074143
		Dilution Factor: 1			
Chloride		Work Order #...: MFEPC1A9		MS Lot-Sample #: A1C090536-005	
	116	(80 - 120)	MCAWW 300.0A	03/15/11	1074138
		Dilution Factor: 1			
Sulfate		Work Order #...: MFEPC1CC		MS Lot-Sample #: A1C090536-005	
	107	(80 - 120)	MCAWW 300.0A	03/15/11	1074149
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WG
Date Sampled...: 03/08/11 14:11 **Date Received..:** 03/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFEPC1CA			MS Lot-Sample #: A1C090536-005		
	ND	10.0	10.5	mg/L	105	MCAWW 300.0A	03/15/11	1074143
			Dilution Factor: 1					
Chloride			Work Order #...: MFEPC1A9			MS Lot-Sample #: A1C090536-005		
	18.1	50.0	76.2	mg/L	116	MCAWW 300.0A	03/15/11	1074138
			Dilution Factor: 1					
Sulfate			Work Order #...: MFEPC1CC			MS Lot-Sample #: A1C090536-005		
	18.8	50.0	72.3	mg/L	107	MCAWW 300.0A	03/15/11	1074149
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		Work Order #...: MFF5C1CC		MS Lot-Sample #: A1C100420-004	
	106	(80 - 120)	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C090536 **Matrix.....:** WATER
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Sulfate			Work Order #...: MFF5C1CC			MS Lot-Sample #: A1C100420-004		
	7.6	50.0	60.8	mg/L	106	MCAWW 300.0A	03/15/11	1075286
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C100420

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
3/30/2011 12:48 PM

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March 30, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 13
Sample Summary 15
Shipping and Receiving Documents 17
GC/MS Volatile Data 23
GC/MS Semivolatile Data 50
Inorganic/Metals Data 103
General Chemistry Data 147

Total # of Pages in this Document 170

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C100420

The following report contains the analytical results for nine water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 10, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 24, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 0.7, 1.1, and 1.3°C.

See TestAmerica's Cooler Receipt Form for additional information.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for batch(es) 1077033 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES (continued)

Surrogate recovery is out in sample(s) GW-WT101D-030911. Reextraction and/or reanalysis performed in accordance with exceeded criteria corrective action required by QAPjP. Reextraction and/or reanalysis resulted in all surrogate recoveries within QC limits, but the reextraction was performed outside of holding time. Both sets of data are reported.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP MS Form IX was provided for batch(es) 1070014. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The associated Cyanide sample(s) GW-WT101B-030911 tested positive for Sulfide interference. Sulfide will distill over with the Cyanide and could affect the colorimetric procedure. Each sample is tested for the presence of Sulfide using Lead Acetate paper. If Sulfide is present, the Lead Acetate paper darkens and the samples are treated with Cadmium Carbonate to precipitate out the Sulfide. This is noted on the Cyanide benchsheet.

According to the updates in 40-CFR, Cyanide samples that test positive for Sulfide presence must be analyzed within 48 hours of sampling. It is TestAmerica's policy to analyze samples within method recommended holding times, however, due to sampling and shipping times, it was not possible to analyze the associated Cyanide sample that have tested positive for Sulfide interference within 48 hours. The sample was treated with cadmium carbonate for the Sulfide interference as per the SOP, and data is reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C100420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT02-030911 03/09/11 08:48 001				
Arsenic	3.4	1.0	ug/L	SW846 6020
Thallium	0.25 B	1.0	ug/L	SW846 6020
Barium	92.2 B,J	200	ug/L	SW846 6010B
Calcium	75000 J	5000	ug/L	SW846 6010B
Iron	1150	100	ug/L	SW846 6010B
Magnesium	17600	5000	ug/L	SW846 6010B
Manganese	279 J	15.0	ug/L	SW846 6010B
Potassium	2470 B,J	5000	ug/L	SW846 6010B
Sodium	21000	5000	ug/L	SW846 6010B
Acetone	2.0 J,B	10	ug/L	SW846 8260B
Chloride	39.7	1.0	mg/L	MCAWW 300.0A
Sulfate	79.4	1.0	mg/L	MCAWW 300.0A
GW-WT02-030911-E 03/09/11 09:10 002				
Potassium	136 B,J	5000	ug/L	SW846 6010B
Chloride	0.16 B	1.0	mg/L	MCAWW 300.0A
Sulfate	0.28 B	1.0	mg/L	MCAWW 300.0A
GW-WT03-030911 03/09/11 09:33 003				
Aluminum	48.9 B	50.0	ug/L	SW846 6020
Arsenic	6.4	1.0	ug/L	SW846 6020
Barium	66.4 B,J	200	ug/L	SW846 6010B
Calcium	51300 J	5000	ug/L	SW846 6010B
Iron	654	100	ug/L	SW846 6010B
Magnesium	17900	5000	ug/L	SW846 6010B
Manganese	26.5 J	15.0	ug/L	SW846 6010B
Potassium	809 B,J	5000	ug/L	SW846 6010B
Sodium	4350 B	5000	ug/L	SW846 6010B
Zinc	7.7 B,J	20.0	ug/L	SW846 6010B
Acetone	2.2 J,B	10	ug/L	SW846 8260B
Chloride	1.5	1.0	mg/L	MCAWW 300.0A
Sulfate	13.4	1.0	mg/L	MCAWW 300.0A
GW-WT04-030911 03/09/11 10:41 004				
Aluminum	148	50.0	ug/L	SW846 6020
Arsenic	11.4	1.0	ug/L	SW846 6020
Barium	57.8 B,J	200	ug/L	SW846 6010B
Calcium	51100 J	5000	ug/L	SW846 6010B
Iron	1320	100	ug/L	SW846 6010B
Magnesium	18300	5000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C100420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT04-030911 03/09/11 10:41 004				
Manganese	119 J	15.0	ug/L	SW846 6010B
Potassium	953 B,J	5000	ug/L	SW846 6010B
Sodium	5330	5000	ug/L	SW846 6010B
Zinc	9.2 B,J	20.0	ug/L	SW846 6010B
Acetone	2.6 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.29 J	1.0	ug/L	SW846 8260B
Toluene	0.15 J	1.0	ug/L	SW846 8260B
Chloride	2.5	1.0	mg/L	MCAWW 300.0A
Sulfate	7.6	1.0	mg/L	MCAWW 300.0A
GW-WT101A-030911 03/09/11 13:22 005				
Arsenic	6.0	1.0	ug/L	SW846 6020
Barium	61.5 B,J	200	ug/L	SW846 6010B
Calcium	299000 J	5000	ug/L	SW846 6010B
Cobalt	3.1 B	50.0	ug/L	SW846 6010B
Iron	35100	100	ug/L	SW846 6010B
Magnesium	13700	5000	ug/L	SW846 6010B
Manganese	2210 J	15.0	ug/L	SW846 6010B
Nickel	3.5 B	40.0	ug/L	SW846 6010B
Potassium	4640 B,J	5000	ug/L	SW846 6010B
Sodium	21800	5000	ug/L	SW846 6010B
Vanadium	0.70 B	50.0	ug/L	SW846 6010B
Zinc	10.5 B,J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.0 J	2.0	ug/L	SW846 8270C
Diethyl phthalate	4.2	1.0	ug/L	SW846 8270C
Acetone	3.2 J,B	10	ug/L	SW846 8260B
Benzene	2.2	1.0	ug/L	SW846 8260B
Chlorobenzene	0.65 J	1.0	ug/L	SW846 8260B
Chloroethane	1.5	1.0	ug/L	SW846 8260B
Cyclohexane	0.38 J	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	3.1	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.8	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.23 J	1.0	ug/L	SW846 8260B
Isopropylbenzene	0.22 J	1.0	ug/L	SW846 8260B
Chloride	23.2	1.0	mg/L	MCAWW 300.0A
Sulfate	481	5.0	mg/L	MCAWW 300.0A
Bromide	0.23 B	0.50	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C100420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT101B-030911 03/09/11 13:48 006				
Antimony	0.44 B	2.0	ug/L	SW846 6020
Barium	81.0 B,J	200	ug/L	SW846 6010B
Calcium	86400 J	5000	ug/L	SW846 6010B
Chromium	3.7 B	10.0	ug/L	SW846 6010B
Iron	861	100	ug/L	SW846 6010B
Magnesium	36500	5000	ug/L	SW846 6010B
Manganese	41.9 J	15.0	ug/L	SW846 6010B
Potassium	22700 J	5000	ug/L	SW846 6010B
Sodium	26200	5000	ug/L	SW846 6010B
Acetophenone	0.95 J	1.0	ug/L	SW846 8270C
Acetone	2.4 J,B	10	ug/L	SW846 8260B
2-Butanone	2.4 J	10	ug/L	SW846 8260B
Carbon disulfide	0.78 J	1.0	ug/L	SW846 8260B
Chloroethane	0.94 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.58 J	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	0.20 J,B	1.0	ug/L	SW846 8260B
Chloride	30.5	1.0	mg/L	MCAWW 300.0A
Sulfate	45.3	1.0	mg/L	MCAWW 300.0A
Bromide	0.15 B	0.50	mg/L	MCAWW 300.0A
GW-WT101C-030911 03/09/11 14:48 007				
Arsenic	7.1	1.0	ug/L	SW846 6020
Thallium	0.33 B	1.0	ug/L	SW846 6020
Barium	78.5 B,J	200	ug/L	SW846 6010B
Calcium	45200 J	5000	ug/L	SW846 6010B
Iron	805	100	ug/L	SW846 6010B
Magnesium	19100	5000	ug/L	SW846 6010B
Manganese	10.3 B,J	15.0	ug/L	SW846 6010B
Potassium	2420 B,J	5000	ug/L	SW846 6010B
Sodium	18900	5000	ug/L	SW846 6010B
Zinc	5.4 B,J	20.0	ug/L	SW846 6010B
Chloride	4.2	1.0	mg/L	MCAWW 300.0A
Sulfate	1.3	1.0	mg/L	MCAWW 300.0A
Bromide	0.14 B	0.50	mg/L	MCAWW 300.0A
GW-WT101E-030911 03/09/11 15:43 008				
Arsenic	3.2	1.0	ug/L	SW846 6020
Thallium	0.14 B	1.0	ug/L	SW846 6020
Barium	48.1 B,J	200	ug/L	SW846 6010B
Calcium	87300 J	5000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C100420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT101E-030911 03/09/11 15:43 008				
Iron	3710	100	ug/L	SW846 6010B
Magnesium	12000	5000	ug/L	SW846 6010B
Manganese	44.3 J	15.0	ug/L	SW846 6010B
Potassium	4140 B,J	5000	ug/L	SW846 6010B
Sodium	16000	5000	ug/L	SW846 6010B
Acetone	2.2 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.40 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	3.2	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.27 J	1.0	ug/L	SW846 8260B
Chloride	32.4	1.0	mg/L	MCAWW 300.0A
Sulfate	97.8	1.0	mg/L	MCAWW 300.0A
GW-WT101D-030911 03/09/11 16:25 009				
Arsenic	0.47 B	1.0	ug/L	SW846 6020
Barium	49.4 B,J	200	ug/L	SW846 6010B
Calcium	84300 J	5000	ug/L	SW846 6010B
Iron	1830	100	ug/L	SW846 6010B
Magnesium	18700	5000	ug/L	SW846 6010B
Manganese	50.1 J	15.0	ug/L	SW846 6010B
Potassium	1370 B,J	5000	ug/L	SW846 6010B
Sodium	19200	5000	ug/L	SW846 6010B
Carbon disulfide	0.29 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.0	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.37 J	1.0	ug/L	SW846 8260B
Chloride	37.3	1.0	mg/L	MCAWW 300.0A
Sulfate	85.0	1.0	mg/L	MCAWW 300.0A
TRIP BLANK-030911-002 03/09/11 09:12 010				
Acetone	3.7 J,B	10	ug/L	SW846 8260B

TestAmerica
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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C100420

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1C100420

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFF4T	001	GW-WT02-030911	03/09/11	08:48
MFF49	002	GW-WT02-030911-E	03/09/11	09:10
MFF5A	003	GW-WT03-030911	03/09/11	09:33
MFF5C	004	GW-WT04-030911	03/09/11	10:41
MFF5D	005	GW-WT101A-030911	03/09/11	13:22
MFF5E	006	GW-WT101B-030911	03/09/11	13:48
MFF5G	007	GW-WT101C-030911	03/09/11	14:48
MFF5K	008	GW-WT101E-030911	03/09/11	15:43
MFF5N	009	GW-WT101D-030911	03/09/11	16:25
MFF5Q	010	TRIP BLANK-030911-002	03/09/11	09:12

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TEST AMERICA - NORTH CANTON

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** JOE KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOC's	CYANIDE	BROMIDE	CHLORIDE	SULFATE	METALS	REMARKS
	3/9/11	0848	GW-WT02-030911	WATER	6	X	X	X	X	X	X	
		0910	GW-WT02-030911-E		6	X	X	X	X	X	X	
		0933	GW-WT03-030911		6	X	X	X	X	X	X	
		1044	GW-WT04-030911		6	X	X	X	X	X	X	
		1322	GW-WT10A-030911		6	X	X	X	X	X	X	
		1348	GW-WT10B-030911		15	X	X	X	X	X	X	MS/MSD
		1448	GW-WT10C-030911		6	X	X	X	X	X	X	
		1543	GW-WT10E-030911		6	X	X	X	X	X	X	
		1625	GW-WT10D-030911		6	X	X	X	X	X	X	
	↓	912	TRIP BLANK-030911-002	↓	1	X						

TOTAL NUMBER OF CONTAINERS 58 64

RELINQUISHED BY: ① [signature]	DATE: 3/9/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FED EX **TRACKING No.** 8729 9340 4915

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Yellow -Receiving Laboratory Copy
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Goldenrod -Sampler Copy

SAMPLE TEAM: KOLODZIEJSKI, PRANGER

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3-10-11 TIME: 0940

2384

North Canton

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TEST AMERICA - NORTH CANTON

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** JEFF KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOCs	REMARKS
	3/9/11	0848	GW-WT02-030911	WATER	2	X	
		0910	GW-WT02-030911-FE		2	X	
		0933	GW-WT03-030911		2	X	
		1044	GW-WT04-030911		2	X	
		1322	GW-WT101A-030911		2	X	

TOTAL NUMBER OF CONTAINERS 10

RELINQUISHED BY: ① [signature]	DATE: 3/9/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ② [signature]	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FED EX **TRACKING No.** 8729 9340 4915

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: KOLODZIEJSKI, PRANGER

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3-10-11 TIME: 0940

2385

400001-00(SOURCE)GN-CO007

North Canton

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TEST AMERICA – NORTH CANTON

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** JEFF KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: 8260's	REMARKS
	3/9/11	1348	GW-WT101B-030911	WATER	4	X	MS/MSD
		1448	GW-WT101C-030911		2	X	
		1543	GW-WT101E-030911		2	X	
	↓	1625	GW-WT101D-030911	↓	2	X	

TOTAL NUMBER OF CONTAINERS 10

RELINQUISHED BY: ① [signature]	DATE: 3/9/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ② [signature]	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FED EX **TRACKING No.** 8729 9340 4915

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: KOLODZIEJSKI, PRANGER

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3-10-11 TIME: 0940

2386

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 410100420
North Canton Facility

Client CRA Project Hinco By: _____
Cooler Received on 3-10-11 Opened on 3-10-11 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 3 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☑
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) 1 x L WT101 C were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
2	<2 >12	3-10-11	JS
2E	<2 >12		
3	<2 >12		
4	<2 >12		
101A	<2 >12		
B	<2 >2 >12 >12		
C	<2 >12		
E	<2 >12		
D	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
A322	0.7	IR	IC
NOH	1.1	1	1
+	1.3		

Discrepancies Cont'd:

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-001 **Work Order #...:** MFF4T1AA **Matrix.....:** WG
Date Sampled...: 03/09/11 08:48 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.0 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-001 **Work Order #...:** MFF4T1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	98	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

GC/MS Volatiles

Lot-Sample #...: A1C100420-002 **Work Order #...:** MFF491AL **Matrix.....:** WG
Date Sampled...: 03/09/11 09:10 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

GC/MS Volatiles

Lot-Sample #...: A1C100420-002 **Work Order #...:** MFF491AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	100	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-003 **Work Order #...:** MFF5A1AL **Matrix.....:** WG
Date Sampled...: 03/09/11 09:33 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.2 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-003 **Work Order #...:** MFF5A1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	95	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-004 **Work Order #...:** MFF5C1AL **Matrix.....:** WG
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.6 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.29 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-004 **Work Order #...:** MFF5C1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.15 J**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-005 **Work Order #...:** MFF5D1AL **Matrix.....:** WG
Date Sampled...: 03/09/11 13:22 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.2 J,B**	**10**	**ug/L**	**1.1**
Benzene	**2.2**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	**0.65 J**	**1.0**	**ug/L**	**0.15**
Chloroethane	**1.5**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	**0.38 J**	**1.0**	**ug/L**	**0.12**
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	**3.1**	**1.0**	**ug/L**	**0.13**
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**4.8**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.23 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	**0.22 J**	**1.0**	**ug/L**	**0.13**
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-005 **Work Order #...:** MFF5D1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-006 **Work Order #...:** MFF5E1A7 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.4 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**2.4 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	**0.78 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**0.94 J**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**0.58 J**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-006 **Work Order #...:** MFF5E1A7 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	**0.20 J,B**	**1.0**	**ug/L**	**0.15**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
1,2-Dichloroethane-d4	76	(63 - 129)
Toluene-d8	103	(74 - 115)
4-Bromofluorobenzene	100	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-007 **Work Order #...:** MFF5G1AL **Matrix.....:** WG
Date Sampled...: 03/09/11 14:48 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-007 **Work Order #...:** MFF5G1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	98	(66 - 117)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-008 **Work Order #...:** MFF5K1AL **Matrix.....:** WG
Date Sampled...: 03/09/11 15:43 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.2 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.40 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**3.2**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.27 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-008 **Work Order #...:** MFF5K1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N1AL **Matrix.....:** WG
Date Sampled...: 03/09/11 16:25 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.29 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**4.0**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.37 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Volatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-030911-002

GC/MS Volatiles

Lot-Sample #...: A1C100420-010 **Work Order #...:** MFF5Q1AA **Matrix.....:** WQ
Date Sampled...: 03/09/11 09:12 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.7 J,B**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-030911-002

GC/MS Volatiles

Lot-Sample #...: A1C100420-010 **Work Order #...:** MFF5Q1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	100	(74 - 115)
4-Bromofluorobenzene	96	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C100420 **Work Order #...:** MFPEL1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C160000-155

Prep Date.....: 03/15/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/15/11 **Prep Batch #...:** 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**1.8 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C100420 **Work Order #...:** MFPEL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.51 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(75 - 121)
1,2-Dichloroethane-d4	81	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C100420 **Work Order #...:** MFPEL1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-155
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**99**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**95**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**109**	**(78 - 131)**	**SW846 8260B**
Toluene	**100**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**99**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	102	(74 - 115)
4-Bromofluorobenzene	105	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C100420 **Work Order #...:** MFPEL1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-155
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**20**	**20**	**ug/L**	**99**	**SW846 8260B**
Chlorobenzene	**20**	**19**	**ug/L**	**95**	**SW846 8260B**
1,1-Dichloroethene	**20**	**22**	**ug/L**	**109**	**SW846 8260B**
Toluene	**20**	**20**	**ug/L**	**100**	**SW846 8260B**
Trichloroethene	**20**	**20**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	102	(74 - 115)
4-Bromofluorobenzene	105	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C100420 **Work Order #...:** MFF5E1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A1C100420-006 MFF5E1A9-MSD
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**107**	**(72 - 121)**			**SW846 8260B**
	104	**(72 - 121)**	**3.1**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**101**	**(80 - 110)**			**SW846 8260B**
	103	**(80 - 110)**	**1.5**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**110**	**(74 - 135)**			**SW846 8260B**
	109	**(74 - 135)**	**1.4**	**(0-30)**	**SW846 8260B**
Toluene	**108**	**(78 - 114)**			**SW846 8260B**
	106	**(78 - 114)**	**1.5**	**(0-30)**	**SW846 8260B**
Trichloroethene	**106**	**(66 - 120)**			**SW846 8260B**
	100	**(66 - 120)**	**5.4**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(75 - 121)
	88	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
	84	(63 - 129)
Toluene-d8	102	(74 - 115)
	105	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)
	104	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C100420 **Work Order #...:** MFF5E1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A1C100420-006 MFF5E1A9-MSD
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/15/11
Prep Batch #...: 1075155
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**20**	**21**	**ug/L**	**107**		**SW846 8260B**
	ND	**20**	**21**	**ug/L**	**104**	**3.1**	**SW846 8260B**
Chlorobenzene	**ND**	**20**	**20**	**ug/L**	**101**		**SW846 8260B**
	ND	**20**	**21**	**ug/L**	**103**	**1.5**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**20**	**22**	**ug/L**	**110**		**SW846 8260B**
	ND	**20**	**22**	**ug/L**	**109**	**1.4**	**SW846 8260B**
Toluene	**ND**	**20**	**22**	**ug/L**	**108**		**SW846 8260B**
	ND	**20**	**21**	**ug/L**	**106**	**1.5**	**SW846 8260B**
Trichloroethene	**ND**	**20**	**21**	**ug/L**	**106**		**SW846 8260B**
	ND	**20**	**20**	**ug/L**	**100**	**5.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(75 - 121)
	88	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
	84	(63 - 129)
Toluene-d8	102	(74 - 115)
	105	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)
	104	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-001 **Work Order #...:** MFF4T1AC **Matrix.....:** WG
Date Sampled...: 03/09/11 08:48 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-001 **Work Order #...:** MFF4T1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-001 **Work Order #...:** MFF4T1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	64	(37 - 119)
Phenol-d5	54	(10 - 110)
2-Fluorophenol	51	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-002 **Work Order #...:** MFF491AM **Matrix.....:** WG
Date Sampled...: 03/09/11 09:10 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-002 **Work Order #...:** MFF491AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-002 **Work Order #...:** MFF491AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	62	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	42	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-003 **Work Order #...:** MFF5A1AM **Matrix.....:** WG
Date Sampled...: 03/09/11 09:33 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-003 **Work Order #...:** MFF5A1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-003 **Work Order #...:** MFF5A1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	62	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-004 **Work Order #...:** MFF5C1AM **Matrix.....:** WG
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-004 **Work Order #...:** MFF5C1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-004 **Work Order #...:** MFF5C1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	72	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-005 **Work Order #...:** MFF5D1AM **Matrix.....:** WG
Date Sampled...: 03/09/11 13:22 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.0 J**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	**4.2**	**1.0**	**ug/L**	**0.60**
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-005 **Work Order #...:** MFF5D1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-005 **Work Order #...:** MFF5D1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	60	(37 - 119)
Phenol-d5	62	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	68	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-006 **Work Order #...:** MFF5E1CA **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 910 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**0.95 J**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-006 **Work Order #...:** MFF5E1CA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-006 **Work Order #...:** MFF5E1CA **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
Terphenyl-d14	64	(37 - 119)
Phenol-d5	66	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-007 **Work Order #...:** MFF5G1AM **Matrix.....:** WG
Date Sampled...: 03/09/11 14:48 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-007 **Work Order #...:** MFF5G1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-007 **Work Order #...:** MFF5G1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	63	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-008 **Work Order #...:** MFF5K1AM **Matrix.....:** WG
Date Sampled...: 03/09/11 15:43 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-008 **Work Order #...:** MFF5K1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-008 **Work Order #...:** MFF5K1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	62	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N1AM **Matrix.....:** WG
Date Sampled...: 03/09/11 16:25 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	12 *	(27 - 111)
2-Fluorobiphenyl	12 *	(28 - 110)
Terphenyl-d14	15 *	(37 - 119)
Phenol-d5	13	(10 - 110)
2-Fluorophenol	14	(10 - 110)
2,4,6-Tribromophenol	7.1 *	(22 - 120)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N2AM **Matrix.....:** WG
Date Sampled...: 03/09/11 16:25 **Date Received..:** 03/10/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1077033
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N2AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

GC/MS Semivolatiles

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N2AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	80	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	76	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFK891AA **Matrix.....:** WATER
MB Lot-Sample #: A1C140000-049

Prep Date.....: 03/14/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/16/11 **Prep Batch #...:** 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFK891AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	67	(10 - 110)
2-Fluorophenol	66	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFK891AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFT051AA **Matrix.....:** WATER
MB Lot-Sample #: A1C180000-033

Prep Date.....: 03/18/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/21/11 **Prep Batch #...:** 1077033
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFT051AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	59	(28 - 110)
Terphenyl-d14	76	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFT051AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFK891AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C140000-049
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**68**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**72**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**82**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**78**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**77**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**88**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**68**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**68**	**(26 - 110)**	**SW846 8270C**
Phenol	**78**	**(14 - 112)**	**SW846 8270C**
Pyrene	**72**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	78	(10 - 110)
2-Fluorophenol	78	(10 - 110)
2,4,6-Tribromophenol	79	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFK891AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C140000-049
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**14**	**ug/L**	**72**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**16**	**ug/L**	**82**	**SW846 8270C**
2-Chlorophenol	**20**	**16**	**ug/L**	**78**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**77**	**SW846 8270C**
4-Nitrophenol	**20**	**18**	**ug/L**	**88**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
Pentachlorophenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
Phenol	**20**	**16**	**ug/L**	**78**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**72**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	78	(10 - 110)
2-Fluorophenol	78	(10 - 110)
2,4,6-Tribromophenol	79	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFT051AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C180000-033
Prep Date.....: 03/18/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1077033
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**64**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**62**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**67**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**77**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**73**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**73**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**79**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**64**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**60**	**(26 - 110)**	**SW846 8270C**
Phenol	**73**	**(14 - 112)**	**SW846 8270C**
Pyrene	**67**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	74	(10 - 110)
2-Fluorophenol	72	(10 - 110)
2,4,6-Tribromophenol	75	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFT051AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C180000-033
Prep Date.....: 03/18/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1077033
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**13**	**ug/L**	**64**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**62**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**15**	**ug/L**	**77**	**SW846 8270C**
2-Chlorophenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
4-Nitrophenol	**20**	**16**	**ug/L**	**79**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**13**	**ug/L**	**64**	**SW846 8270C**
Pentachlorophenol	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
Phenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
Pyrene	**20**	**13**	**ug/L**	**67**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	74	(10 - 110)
2-Fluorophenol	72	(10 - 110)
2,4,6-Tribromophenol	75	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFF5E1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A1C100420-006 MFF5E1CD-MSD
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**60**	**(36 - 110)**			**SW846 8270C**
	59	**(36 - 110)**	**2.2**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**55**	**(25 - 110)**			**SW846 8270C**
	55	**(25 - 110)**	**0.48**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**55**	**(17 - 110)**			**SW846 8270C**
	56	**(17 - 110)**	**1.5**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**72**	**(33 - 110)**			**SW846 8270C**
	72	**(33 - 110)**	**0.17**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**61**	**(26 - 110)**			**SW846 8270C**
	64	**(26 - 110)**	**4.2**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**67**	**(46 - 119)**			**SW846 8270C**
	65	**(46 - 119)**	**1.8**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**73**	**(13 - 127)**			**SW846 8270C**
	74	**(13 - 127)**	**0.71**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**56**	**(25 - 119)**			**SW846 8270C**
	56	**(25 - 119)**	**1.2**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**74**	**(23 - 110)**			**SW846 8270C**
	74	**(23 - 110)**	**0.59**	**(0-30)**	**SW846 8270C**
Phenol	**65**	**(16 - 110)**			**SW846 8270C**
	65	**(16 - 110)**	**0.64**	**(0-30)**	**SW846 8270C**
Pyrene	**62**	**(54 - 115)**			**SW846 8270C**
	63	**(54 - 115)**	**1.8**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
	59	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	57	(28 - 110)
Terphenyl-d14	70	(37 - 119)
	70	(37 - 119)
Phenol-d5	64	(10 - 110)
	65	(10 - 110)
2-Fluorophenol	63	(10 - 110)
	64	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFF5E1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A1C100420-006 MFF5E1CD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(22 - 120)
	61	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFF5E1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A1C100420-006 MFF5E1CD-MSD
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**38**	**23**	**ug/L**	**60**		**SW846 8270C**
	ND	**38**	**22**	**ug/L**	**59**	**2.2**	**SW846 8270C**
1,2,4-Trichloro- benzene	**ND**	**38**	**21**	**ug/L**	**55**		**SW846 8270C**
	ND	**38**	**21**	**ug/L**	**55**	**0.48**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**38**	**21**	**ug/L**	**55**		**SW846 8270C**
	ND	**38**	**21**	**ug/L**	**56**	**1.5**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**38**	**27**	**ug/L**	**72**		**SW846 8270C**
	ND	**38**	**27**	**ug/L**	**72**	**0.17**	**SW846 8270C**
2-Chlorophenol	**ND**	**38**	**23**	**ug/L**	**61**		**SW846 8270C**
	ND	**38**	**24**	**ug/L**	**64**	**4.2**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**38**	**25**	**ug/L**	**67**		**SW846 8270C**
	ND	**38**	**25**	**ug/L**	**65**	**1.8**	**SW846 8270C**
4-Nitrophenol	**ND**	**38**	**28**	**ug/L**	**73**		**SW846 8270C**
	ND	**38**	**28**	**ug/L**	**74**	**0.71**	**SW846 8270C**
N-Nitrosodi-n-propyl- amine	**ND**	**38**	**21**	**ug/L**	**56**		**SW846 8270C**
	ND	**38**	**21**	**ug/L**	**56**	**1.2**	**SW846 8270C**
Pentachlorophenol	**ND**	**38**	**28**	**ug/L**	**74**		**SW846 8270C**
	ND	**38**	**28**	**ug/L**	**74**	**0.59**	**SW846 8270C**
Phenol	**ND**	**38**	**25**	**ug/L**	**65**		**SW846 8270C**
	ND	**38**	**25**	**ug/L**	**65**	**0.64**	**SW846 8270C**
Pyrene	**ND**	**38**	**24**	**ug/L**	**62**		**SW846 8270C**
	ND	**38**	**24**	**ug/L**	**63**	**1.8**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
	59	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	57	(28 - 110)
Terphenyl-d14	70	(37 - 119)
	70	(37 - 119)
Phenol-d5	64	(10 - 110)
	65	(10 - 110)
2-Fluorophenol	63	(10 - 110)
	64	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFF5E1CC-MS **Matrix.....:** WG
MS Lot-Sample #: A1C100420-006 MFF5E1CD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(22 - 120)
	61	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFH3N1D4-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110406-003 MFH3N1D5-MSD
Date Sampled...: 03/10/11 12:20 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**61**	**(36 - 110)**			**SW846 8270C**
	57	**(36 - 110)**	**6.4**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**59**	**(25 - 110)**			**SW846 8270C**
	54	**(25 - 110)**	**9.6**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**61**	**(17 - 110)**			**SW846 8270C**
	57	**(17 - 110)**	**5.7**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**71**	**(33 - 110)**			**SW846 8270C**
	68	**(33 - 110)**	**4.1**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**66**	**(26 - 110)**			**SW846 8270C**
	61	**(26 - 110)**	**7.7**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**70**	**(46 - 119)**			**SW846 8270C**
	66	**(46 - 119)**	**6.0**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**68**	**(13 - 127)**			**SW846 8270C**
	64	**(13 - 127)**	**5.9**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**59**	**(25 - 119)**			**SW846 8270C**
	55	**(25 - 119)**	**5.9**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**52**	**(23 - 110)**			**SW846 8270C**
	48	**(23 - 110)**	**8.8**	**(0-30)**	**SW846 8270C**
Phenol	**67**	**(16 - 110)**			**SW846 8270C**
	63	**(16 - 110)**	**5.9**	**(0-30)**	**SW846 8270C**
Pyrene	**64**	**(54 - 115)**			**SW846 8270C**
	55	**(54 - 115)**	**15**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
	57	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
	55	(28 - 110)
Terphenyl-d14	72	(37 - 119)
	39	(37 - 119)
Phenol-d5	68	(10 - 110)
	63	(10 - 110)
2-Fluorophenol	65	(10 - 110)
	60	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFH3N1D4-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110406-003 MFH3N1D5-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(22 - 120)
	63	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFH3N1D4-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110406-003 MFH3N1D5-MSD
Date Sampled...: 03/10/11 12:20 **Date Received..:** 03/10/11
Prep Date.....: 03/14/11 **Analysis Date..:** 03/16/11
Prep Batch #...: 1073049
Dilution Factor: 1 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**40**	**24**	**ug/L**	**61**		**SW846 8270C**
	ND	**40**	**23**	**ug/L**	**57**	**6.4**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**40**	**24**	**ug/L**	**59**		**SW846 8270C**
	ND	**40**	**22**	**ug/L**	**54**	**9.6**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**40**	**24**	**ug/L**	**61**		**SW846 8270C**
	ND	**40**	**23**	**ug/L**	**57**	**5.7**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**40**	**28**	**ug/L**	**71**		**SW846 8270C**
	ND	**40**	**27**	**ug/L**	**68**	**4.1**	**SW846 8270C**
2-Chlorophenol	**ND**	**40**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**40**	**24**	**ug/L**	**61**	**7.7**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**40**	**28**	**ug/L**	**70**		**SW846 8270C**
	ND	**40**	**26**	**ug/L**	**66**	**6.0**	**SW846 8270C**
4-Nitrophenol	**ND**	**40**	**27**	**ug/L**	**68**		**SW846 8270C**
	ND	**40**	**26**	**ug/L**	**64**	**5.9**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**40**	**24**	**ug/L**	**59**		**SW846 8270C**
	ND	**40**	**22**	**ug/L**	**55**	**5.9**	**SW846 8270C**
Pentachlorophenol	**ND**	**40**	**21**	**ug/L**	**52**		**SW846 8270C**
	ND	**40**	**19**	**ug/L**	**48**	**8.8**	**SW846 8270C**
Phenol	**ND**	**40**	**27**	**ug/L**	**67**		**SW846 8270C**
	ND	**40**	**25**	**ug/L**	**63**	**5.9**	**SW846 8270C**
Pyrene	**ND**	**40**	**25**	**ug/L**	**64**		**SW846 8270C**
	ND	**40**	**22**	**ug/L**	**55**	**15**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
	57	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
	55	(28 - 110)
Terphenyl-d14	72	(37 - 119)
	39	(37 - 119)
Phenol-d5	68	(10 - 110)
	63	(10 - 110)
2-Fluorophenol	65	(10 - 110)
	60	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFH3N1D4-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110406-003 MFH3N1D5-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(22 - 120)
	63	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFL221AM-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C140473-010 MFL221AN-MSD
Date Sampled...: 03/10/11 17:34 **Date Received..:** 03/12/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1077033
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**54**	**(36 - 110)**			**SW846 8270C**
	58	**(36 - 110)**	**6.4**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**48**	**(25 - 110)**			**SW846 8270C**
	53	**(25 - 110)**	**8.6**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**48**	**(17 - 110)**			**SW846 8270C**
	52	**(17 - 110)**	**7.9**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**62**	**(33 - 110)**			**SW846 8270C**
	67	**(33 - 110)**	**7.4**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**51**	**(26 - 110)**			**SW846 8270C**
	56	**(26 - 110)**	**9.9**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**58**	**(46 - 119)**			**SW846 8270C**
	65	**(46 - 119)**	**11**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**66**	**(13 - 127)**			**SW846 8270C**
	59	**(13 - 127)**	**12**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**47**	**(25 - 119)**			**SW846 8270C**
	51	**(25 - 119)**	**9.3**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**17 a**	**(23 - 110)**			**SW846 8270C**
	65 p	**(23 - 110)**	**117**	**(0-30)**	**SW846 8270C**
Phenol	**51**	**(16 - 110)**			**SW846 8270C**
	56	**(16 - 110)**	**9.0**	**(0-30)**	**SW846 8270C**
Pyrene	**55**	**(54 - 115)**			**SW846 8270C**
	58	**(54 - 115)**	**4.8**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(27 - 111)
	50	(27 - 111)
2-Fluorobiphenyl	49	(28 - 110)
	55	(28 - 110)
Terphenyl-d14	55	(37 - 119)
	61	(37 - 119)
Phenol-d5	48	(10 - 110)
	56	(10 - 110)
2-Fluorophenol	44	(10 - 110)
	51	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFL221AM-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C140473-010 MFL221AN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(22 - 120)
	68	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFL221AM-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C140473-010 MFL221AN-MSD
Date Sampled...: 03/10/11 17:34 **Date Received..:** 03/12/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1077033
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**38**	**21**	**ug/L**	**54**		**SW846 8270C**
	ND	**38**	**22**	**ug/L**	**58**	**6.4**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**38**	**18**	**ug/L**	**48**		**SW846 8270C**
	ND	**38**	**20**	**ug/L**	**53**	**8.6**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**38**	**18**	**ug/L**	**48**		**SW846 8270C**
	ND	**38**	**20**	**ug/L**	**52**	**7.9**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**38**	**24**	**ug/L**	**62**		**SW846 8270C**
	ND	**38**	**25**	**ug/L**	**67**	**7.4**	**SW846 8270C**
2-Chlorophenol	**ND**	**38**	**19**	**ug/L**	**51**		**SW846 8270C**
	ND	**38**	**21**	**ug/L**	**56**	**9.9**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**38**	**22**	**ug/L**	**58**		**SW846 8270C**
	ND	**38**	**25**	**ug/L**	**65**	**11**	**SW846 8270C**
4-Nitrophenol	**ND**	**38**	**25**	**ug/L**	**66**		**SW846 8270C**
	ND	**38**	**22**	**ug/L**	**59**	**12**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**38**	**18**	**ug/L**	**47**		**SW846 8270C**
	ND	**38**	**20**	**ug/L**	**51**	**9.3**	**SW846 8270C**
Pentachlorophenol	**ND**	**38**	**6.5**	**ug/L**	**17 a**		**SW846 8270C**
	ND	**38**	**25**	**ug/L**	**65 p**	**117**	**SW846 8270C**
Phenol	**ND**	**38**	**20**	**ug/L**	**51**		**SW846 8270C**
	ND	**38**	**21**	**ug/L**	**56**	**9.0**	**SW846 8270C**
Pyrene	**0.22**	**38**	**21**	**ug/L**	**55**		**SW846 8270C**
	0.22	**38**	**22**	**ug/L**	**58**	**4.8**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(27 - 111)
	50	(27 - 111)
2-Fluorobiphenyl	49	(28 - 110)
	55	(28 - 110)
Terphenyl-d14	55	(37 - 119)
	61	(37 - 119)
Phenol-d5	48	(10 - 110)
	56	(10 - 110)
2-Fluorophenol	44	(10 - 110)
	51	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C100420 **Work Order #...:** MFL221AM-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C140473-010 MFL221AN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(22 - 120)
	68	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

TestAmerica
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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

TOTAL Metals

Lot-Sample #...: A1C100420-001 **Matrix.....:** WG
Date Sampled...: 03/09/11 08:48 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF4T1A0
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF4T1A1**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AV
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF4T1A2
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.25 B**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF4T1A3**
		Dilution Factor: 1		Analysis Time..: 13:38	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AW
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**92.2 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AD**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AX
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AE
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**75000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AF**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

TOTAL Metals

Lot-Sample #...: A1C100420-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AG
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AH
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AJ
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1150**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AK**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**17600**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AL**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**279 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AM**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AN
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2470 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AP**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AQ
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**21000**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF4T1AR**
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

TOTAL Metals

Lot-Sample #...: A1C100420-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AT
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/11-03/14/11	MFF4T1AU
		Dilution Factor: 1		Analysis Time..: 15:34	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF4T1A4
		Dilution Factor: 1		Analysis Time..: 12:26	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

TOTAL Metals

Lot-Sample #...: A1C100420-002 **Matrix.....:** WG
Date Sampled...: 03/09/11 09:10 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF491AA
		Dilution Factor: 1		Analysis Time..: 13:43	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF491AC
		Dilution Factor: 1		Analysis Time..: 13:43	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A6
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF491AD
		Dilution Factor: 1		Analysis Time..: 13:43	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF491AE
		Dilution Factor: 1		Analysis Time..: 13:43	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A7
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	ND	200	ug/L	SW846 6010B	03/11-03/14/11	MFF491AN
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A8
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491AP
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	ND	5000	ug/L	SW846 6010B	03/11-03/14/11	MFF491AQ
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

TOTAL Metals

Lot-Sample #...: A1C100420-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491AR
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491AT
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491AU
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	03/11-03/14/11	MFF491AV
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	ND	5000	ug/L	SW846 6010B	03/11-03/14/11	MFF491AW
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491AX
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A0
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**136 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF491A1**
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A2
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	ND	5000	ug/L	SW846 6010B	03/11-03/14/11	MFF491A3
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

TOTAL Metals

Lot-Sample #...: A1C100420-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A4
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/11-03/14/11	MFF491A5
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF491AF
		Dilution Factor: 1		Analysis Time..: 12:25	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

TOTAL Metals

Lot-Sample #...: A1C100420-003 **Matrix.....:** WG
Date Sampled...: 03/09/11 09:33 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	**48.9 B**	**50.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5A1AA**
		Dilution Factor: 1		Analysis Time..: 13:48	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**6.4**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5A1AC**
		Dilution Factor: 1		Analysis Time..: 13:48	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1A6
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF5A1AD
		Dilution Factor: 1		Analysis Time..: 13:48	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF5A1AE
		Dilution Factor: 1		Analysis Time..: 13:48	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1A7
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**66.4 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1AN**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1A8
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1AP
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**51300 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1AQ**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

TOTAL Metals

Lot-Sample #...: A1C100420-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1AR
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1AT
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1AU
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**654**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1AV**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**17900**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1AW**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**26.5 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1AX**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1A0
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**809 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1A1**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1A2
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**4350 B**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1A3**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

TOTAL Metals

Lot-Sample #...: A1C100420-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5A1A4
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**7.7 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5A1A5**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5A1AF
		Dilution Factor: 1		Analysis Time..: 12:34	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

TOTAL Metals

Lot-Sample #...: A1C100420-004 **Matrix.....:** WG
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	**148**	**50.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5C1AA**
		Dilution Factor: 1		Analysis Time..: 13:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**11.4**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5C1AC**
		Dilution Factor: 1		Analysis Time..: 13:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1A6
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF5C1AD
		Dilution Factor: 1		Analysis Time..: 13:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF5C1AE
		Dilution Factor: 1		Analysis Time..: 13:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1A7
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**57.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1AN**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1A8
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1AP
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**51100 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1AQ**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

TOTAL Metals

Lot-Sample #...: A1C100420-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1AR
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1AT
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1AU
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1320**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1AV**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18300**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1AW**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**119 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1AX**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1A0
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**953 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1A1**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1A2
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**5330**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1A3**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

TOTAL Metals

Lot-Sample #...: A1C100420-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5C1A4
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**9.2 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5C1A5**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5C1AF
		Dilution Factor: 1		Analysis Time..: 12:04	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

TOTAL Metals

Lot-Sample #...: A1C100420-005 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:22 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF5D1AA
		Dilution Factor: 1		Analysis Time..: 13:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**6.0**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5D1AC**
		Dilution Factor: 1		Analysis Time..: 13:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1A6
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF5D1AD
		Dilution Factor: 1		Analysis Time..: 13:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF5D1AE
		Dilution Factor: 1		Analysis Time..: 13:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1A7
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**61.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1AN**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1A8
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1AP
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**299000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1AQ**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

TOTAL Metals

Lot-Sample #...: A1C100420-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1AR
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**3.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1AT**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1AU
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**35100**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1AV**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**13700**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1AW**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**2210 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1AX**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**3.5 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1A0**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**4640 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1A1**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5D1A2
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**21800**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1A3**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

TOTAL Metals

Lot-Sample #...: A1C100420-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**0.70 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1A4**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**10.5 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5D1A5**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5D1AF
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

TOTAL Metals

Lot-Sample #...: A1C100420-006 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF5E1AA
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF5E1AE
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1DW
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.44 B**	**2.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5E1AH**
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF5E1AL
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1D1
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**81.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1CE**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1D4
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1CH
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**86400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1CL**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

TOTAL Metals

Lot-Sample #...: A1C100420-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1CP**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1CT
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1CW
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**861**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1C1**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**36500**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1C4**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**41.9 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1C7**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1DA
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**22700 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1DE**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1DH
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**26200**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5E1DL**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

TOTAL Metals

Lot-Sample #...: A1C100420-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1DP
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5E1DT
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5E1AP
		Dilution Factor: 1		Analysis Time..: 12:36	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

TOTAL Metals

Lot-Sample #...: A1C100420-007 **Matrix.....:** WG
Date Sampled...: 03/09/11 14:48 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF5G1AA
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**7.1**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5G1AC**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1A6
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF5G1AD
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.33 B**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5G1AE**
		Dilution Factor: 1		Analysis Time..: 14:33	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1A7
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**78.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1AN**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1A8
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1AP
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**45200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1AQ**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

TOTAL Metals

Lot-Sample #...: A1C100420-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1AR
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1AT
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1AU
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**805**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1AV**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19100**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1AW**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**10.3 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1AX**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1A0
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2420 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1A1**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1A2
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1A3**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

TOTAL Metals

Lot-Sample #...: A1C100420-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5G1A4
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.4 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5G1A5**
		Dilution Factor: 1		Analysis Time..: 16:41	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5G1AF
		Dilution Factor: 1		Analysis Time..: 12:15	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

TOTAL Metals

Lot-Sample #...: A1C100420-008 **Matrix.....:** WG
Date Sampled...: 03/09/11 15:43 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF5K1AA
		Dilution Factor: 1		Analysis Time..: 14:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.2**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5K1AC**
		Dilution Factor: 1		Analysis Time..: 14:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A6
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF5K1AD
		Dilution Factor: 1		Analysis Time..: 14:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.14 B**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5K1AE**
		Dilution Factor: 1		Analysis Time..: 14:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A7
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**48.1 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1AN**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A8
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1AP
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**87300 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1AQ**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

TOTAL Metals

Lot-Sample #...: A1C100420-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1AR
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1AT
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1AU
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3710**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1AV**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1AW**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**44.3 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1AX**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A0
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**4140 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1A1**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A2
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**16000**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5K1A3**
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

TOTAL Metals

Lot-Sample #...: A1C100420-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A4
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5K1A5
		Dilution Factor: 1		Analysis Time..: 16:47	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5K1AF
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

TOTAL Metals

Lot-Sample #...: A1C100420-009 **Matrix.....:** WG
Date Sampled...: 03/09/11 16:25 **Date Received..:** 03/10/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFF5N1AA
		Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.47 B**	**1.0**	**ug/L**	**SW846 6020**	**03/11-03/22/11**	**MFF5N1AC**
		Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A6
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFF5N1AD
		Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFF5N1AE
		Dilution Factor: 1		Analysis Time..: 14:42	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A7
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**49.4 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1AN**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A8
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1AP
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**84300 J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1AQ**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

TOTAL Metals

Lot-Sample #...: A1C100420-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1AR
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1AT
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1AU
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1830**	**100**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1AV**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**18700**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1AW**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**50.1 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1AX**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A0
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1370 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1A1**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A2
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**19200**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFF5N1A3**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

TOTAL Metals

Lot-Sample #...: A1C100420-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A4
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/11-03/14/11	MFF5N1A5
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFF5N1AF
		Dilution Factor: 1		Analysis Time..: 12:45	Analyst ID.....: 002260	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C110000-014 **Prep Batch #...:** 1070014						
Aluminum	ND	50.0	ug/L	SW846 6020	03/11-03/22/11	MFHXE1AA
		Dilution Factor: 1				
		Analysis Time..: 13:27	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/11-03/22/11	MFHXE1AD
		Dilution Factor: 1				
		Analysis Time..: 13:27	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFHXE1AC
		Dilution Factor: 1				
		Analysis Time..: 13:27	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1A0
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	03/11-03/22/11	MFHXE1AE
		Dilution Factor: 1				
		Analysis Time..: 13:27	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1A1
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.5 B**	**200**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFHXE1AG**
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1A2
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AH
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**357 B**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFHXE1AJ**
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AK
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AL
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AM
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AN
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	ND	5000	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AP
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**0.52 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFHXE1AQ**
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AR
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**165 B**	**5000**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFHXE1AT**
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AU
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AV
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	ND	50.0	ug/L	SW846 6010B	03/11-03/14/11	MFHXE1AW
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**8.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/11-03/14/11**	**MFHXE1AX**
		Dilution Factor: 1				
		Analysis Time..: 15:22	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	03/11-03/14/11	MFHXE1AF
		Dilution Factor: 1				
		Analysis Time..: 11:54	Analyst ID.....: 002260	Instrument ID..: H4		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C110000-014 **Prep Batch #...:** 1070014					
Aluminum	98	(80 - 120)	SW846 6020	03/11-03/22/11	MFHXE1A3
		Dilution Factor: 1	Analysis Time..: 13:31	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	91	(80 - 120)	SW846 6020	03/11-03/22/11	MFHXE1A4
		Dilution Factor: 1	Analysis Time..: 13:31	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	92	(80 - 120)	SW846 6020	03/11-03/22/11	MFHXE1A5
		Dilution Factor: 1	Analysis Time..: 13:31	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	92	(80 - 120)	SW846 6020	03/11-03/22/11	MFHXE1A6
		Dilution Factor: 1	Analysis Time..: 13:31	Analyst ID.....: 000079	
		Instrument ID..: I8			
Cadmium	90	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CQ
		Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	90	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CR
		Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	94	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1A8
		Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	95	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CT
		Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	89	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1A9
		Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	89	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CA
		Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	89	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CC
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	89	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CD
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	93	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CE
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	93	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CF
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	92	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CG
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	91	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CH
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	89	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CJ
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	100	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CK
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	91	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CL
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	96	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CM
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	91	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CN
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	96	(80 - 120)	SW846 6010B	03/11-03/14/11	MFHXE1CP
	Dilution Factor: 1	Analysis Time..: 15:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	101	(81 - 123)	SW846 7470A	03/11-03/14/11	MFHXE1A7
	Dilution Factor: 1	Analysis Time..: 12:00	Analyst ID.....: 002260		
	Instrument ID..: H4				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C110000-014 **Prep Batch #...:** 1070014							
Aluminum	10000	9850	ug/L	98	SW846 6020	03/11-03/22/11	MFHXE1A3
			Dilution Factor: 1		Analysis Time..: 13:31	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	91.2	ug/L	91	SW846 6020	03/11-03/22/11	MFHXE1A4
			Dilution Factor: 1		Analysis Time..: 13:31	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	92.2	ug/L	92	SW846 6020	03/11-03/22/11	MFHXE1A5
			Dilution Factor: 1		Analysis Time..: 13:31	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	91.9	ug/L	92	SW846 6020	03/11-03/22/11	MFHXE1A6
			Dilution Factor: 1		Analysis Time..: 13:31	Analyst ID.....: 000079	
			Instrument ID..: I8				
Cadmium	50.0	45.2	ug/L	90	SW846 6010B	03/11-03/14/11	MFHXE1CQ
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	500	452	ug/L	90	SW846 6010B	03/11-03/14/11	MFHXE1CR
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1880	ug/L	94	SW846 6010B	03/11-03/14/11	MFHXE1A8
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1900	ug/L	95	SW846 6010B	03/11-03/14/11	MFHXE1CT
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	44.7	ug/L	89	SW846 6010B	03/11-03/14/11	MFHXE1A9
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	44600	ug/L	89	SW846 6010B	03/11-03/14/11	MFHXE1CA
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	178	ug/L	89	SW846 6010B	03/11-03/14/11	MFHXE1CC
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	500	446	ug/L	89	SW846 6010B	03/11-03/14/11	MFHXE1CD
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	250	233	ug/L	93	SW846 6010B	03/11-03/14/11	MFHXE1CE
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	926	ug/L	93	SW846 6010B	03/11-03/14/11	MFHXE1CF
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	50000	46200	ug/L	92	SW846 6010B	03/11-03/14/11	MFHXE1CG
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	455	ug/L	91	SW846 6010B	03/11-03/14/11	MFHXE1CH
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	445	ug/L	89	SW846 6010B	03/11-03/14/11	MFHXE1CJ
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Potassium	50000	49900	ug/L	100	SW846 6010B	03/11-03/14/11	MFHXE1CK
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Silver	50.0	45.5	ug/L	91	SW846 6010B	03/11-03/14/11	MFHXE1CL
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	50000	48000	ug/L	96	SW846 6010B	03/11-03/14/11	MFHXE1CM
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	453	ug/L	91	SW846 6010B	03/11-03/14/11	MFHXE1CN
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	478	ug/L	96	SW846 6010B	03/11-03/14/11	MFHXE1CP
			Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.1	ug/L	101	SW846 7470A	03/11-03/14/11	MFHXE1A7
			Dilution Factor: 1		Analysis Time..: 12:00	Analyst ID.....: 002260	
			Instrument ID..: H4				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C100420-006 **Prep Batch #...:** 1070014							
Aluminum	103	(63 - 128)			SW846 6020	03/11-03/22/11	MFF5E1AC
	104	(63 - 128)	1.2	(0-20)	SW846 6020	03/11-03/22/11	MFF5E1AD
		Dilution Factor: 1					
		Analysis Time..: 14:19			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	100	(44 - 153)			SW846 6020	03/11-03/22/11	MFF5E1AJ
	99	(44 - 153)	1.2	(0-20)	SW846 6020	03/11-03/22/11	MFF5E1AK
		Dilution Factor: 1					
		Analysis Time..: 14:19			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	97	(82 - 123)			SW846 6020	03/11-03/22/11	MFF5E1AF
	97	(82 - 123)	0.05	(0-20)	SW846 6020	03/11-03/22/11	MFF5E1AG
		Dilution Factor: 1					
		Analysis Time..: 14:19			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	94	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DX
	96	(75 - 125)	1.7	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1D0
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	102	(69 - 117)			SW846 6020	03/11-03/22/11	MFF5E1AM
	102	(69 - 117)	0.39	(0-20)	SW846 6020	03/11-03/22/11	MFF5E1AN
		Dilution Factor: 1					
		Analysis Time..: 14:19			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	96	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1D2
	97	(75 - 125)	1.6	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1D3
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	101	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1CF
	103	(75 - 125)	1.4	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1CG
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	83	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1D5
	86	(75 - 125)	3.7	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1D6
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	94	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1CJ
	95	(75 - 125)	1.5	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1CK
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	89	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1CM
	87	(75 - 125)	0.76	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1CN
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	94	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1CQ
	95	(75 - 125)	1.4	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1CR
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	94	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1CU
	96	(75 - 125)	1.4	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1CV
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	101	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1CX
	102	(75 - 125)	1.5	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1C0
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	95	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1C2
	96	(75 - 125)	1.0	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1C3
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	97	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1C5
	97	(75 - 125)	0.0	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1C6
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	96	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1C8
	98	(75 - 125)	1.3	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1C9
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	94	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DC
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1DD
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	104	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DF
	105	(75 - 125)	0.54	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1DG
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	99	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DJ
	100	(75 - 125)	1.5	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1DK
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	103	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DM
	103	(75 - 125)	0.20	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1DN
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	96	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DQ
	97	(75 - 125)	1.3	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1DR
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	100	(75 - 125)			SW846 6010B	03/11-03/14/11	MFF5E1DU
	102	(75 - 125)	1.1	(0-20)	SW846 6010B	03/11-03/14/11	MFF5E1DV
		Dilution Factor: 1					
		Analysis Time..: 16:29			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	104	(69 - 134)			SW846 7470A	03/11-03/14/11	MFF5E1AQ
	104	(69 - 134)	0.86	(0-20)	SW846 7470A	03/11-03/14/11	MFF5E1AR
		Dilution Factor: 1					
		Analysis Time..: 12:38			Instrument ID..: H4	Analyst ID.....: 002260	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C100420-006 **Prep Batch #...:** 1070014									
Aluminum									
	ND	10000	10300	ug/L	103		SW846 6020	03/11-03/22/11	MFF5E1AC
	ND	10000	10400	ug/L	104	1.2	SW846 6020	03/11-03/22/11	MFF5E1AD
			Dilution Factor: 1						
			Analysis Time..: 14:19		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	0.44	100	101	ug/L	100		SW846 6020	03/11-03/22/11	MFF5E1AJ
	0.44	100	99.5	ug/L	99	1.2	SW846 6020	03/11-03/22/11	MFF5E1AK
			Dilution Factor: 1						
			Analysis Time..: 14:19		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	ND	100	97.3	ug/L	97		SW846 6020	03/11-03/22/11	MFF5E1AF
	ND	100	97.2	ug/L	97	0.05	SW846 6020	03/11-03/22/11	MFF5E1AG
			Dilution Factor: 1						
			Analysis Time..: 14:19		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	47.1	ug/L	94		SW846 6010B	03/11-03/14/11	MFF5E1DX
	ND	50.0	47.9	ug/L	96	1.7	SW846 6010B	03/11-03/14/11	MFF5E1D0
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	102	ug/L	102		SW846 6020	03/11-03/22/11	MFF5E1AM
	ND	100	102	ug/L	102	0.39	SW846 6020	03/11-03/22/11	MFF5E1AN
			Dilution Factor: 1						
			Analysis Time..: 14:19		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	478	ug/L	96		SW846 6010B	03/11-03/14/11	MFF5E1D2
	ND	500	486	ug/L	97	1.6	SW846 6010B	03/11-03/14/11	MFF5E1D3
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	81.0	2000	2110	ug/L	101		SW846 6010B	03/11-03/14/11	MFF5E1CF
	81.0	2000	2130	ug/L	103	1.4	SW846 6010B	03/11-03/14/11	MFF5E1CG
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	1660	ug/L	83		SW846 6010B	03/11-03/14/11	MFF5E1D5
	ND	2000	1720	ug/L	86	3.7	SW846 6010B	03/11-03/14/11	MFF5E1D6
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	ND	50.0	47.0	ug/L	94		SW846 6010B	03/11-03/14/11	MFF5E1CJ
	ND	50.0	47.7	ug/L	95	1.5	SW846 6010B	03/11-03/14/11	MFF5E1CK
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	86400	50000	131000	ug/L	89		SW846 6010B	03/11-03/14/11	MFF5E1CM
	86400	50000	130000	ug/L	87	0.76	SW846 6010B	03/11-03/14/11	MFF5E1CN
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Chromium									
	3.7	200	192	ug/L	94		SW846 6010B	03/11-03/14/11	MFF5E1CQ
	3.7	200	195	ug/L	95	1.4	SW846 6010B	03/11-03/14/11	MFF5E1CR
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Cobalt									
	ND	500	471	ug/L	94		SW846 6010B	03/11-03/14/11	MFF5E1CU
	ND	500	478	ug/L	96	1.4	SW846 6010B	03/11-03/14/11	MFF5E1CV
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	ND	250	252	ug/L	101		SW846 6010B	03/11-03/14/11	MFF5E1CX
	ND	250	256	ug/L	102	1.5	SW846 6010B	03/11-03/14/11	MFF5E1C0
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	861	1000	1810	ug/L	95		SW846 6010B	03/11-03/14/11	MFF5E1C2
	861	1000	1830	ug/L	96	1.0	SW846 6010B	03/11-03/14/11	MFF5E1C3
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	36500	50000	84800	ug/L	97		SW846 6010B	03/11-03/14/11	MFF5E1C5
	36500	50000	84800	ug/L	97	0.0	SW846 6010B	03/11-03/14/11	MFF5E1C6
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	41.9	500	524	ug/L	96		SW846 6010B	03/11-03/14/11	MFF5E1C8
	41.9	500	531	ug/L	98	1.3	SW846 6010B	03/11-03/14/11	MFF5E1C9
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	469	ug/L	94		SW846 6010B	03/11-03/14/11	MFF5E1DC
	ND	500	478	ug/L	96	1.8	SW846 6010B	03/11-03/14/11	MFF5E1DD
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	22700	50000	74700	ug/L	104		SW846 6010B	03/11-03/14/11	MFF5E1DF
	22700	50000	75100	ug/L	105	0.54	SW846 6010B	03/11-03/14/11	MFF5E1DG
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	49.3	ug/L	99		SW846 6010B	03/11-03/14/11	MFF5E1DJ
	ND	50.0	50.1	ug/L	100	1.5	SW846 6010B	03/11-03/14/11	MFF5E1DK
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	26200	50000	77600	ug/L	103		SW846 6010B	03/11-03/14/11	MFF5E1DM
	26200	50000	77800	ug/L	103	0.20	SW846 6010B	03/11-03/14/11	MFF5E1DN
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	479	ug/L	96		SW846 6010B	03/11-03/14/11	MFF5E1DQ
	ND	500	486	ug/L	97	1.3	SW846 6010B	03/11-03/14/11	MFF5E1DR
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	502	ug/L	100		SW846 6010B	03/11-03/14/11	MFF5E1DU
	ND	500	508	ug/L	102	1.1	SW846 6010B	03/11-03/14/11	MFF5E1DV
			Dilution Factor: 1						
			Analysis Time..: 16:29		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.0	ug/L	104		SW846 7470A	03/11-03/14/11	MFF5E1AQ
	ND	1.0	1.0	ug/L	104	0.86	SW846 7470A	03/11-03/14/11	MFF5E1AR
			Dilution Factor: 1						
			Analysis Time..: 12:38		Instrument ID..: H4			Analyst ID.....: 002260	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911

General Chemistry

Lot-Sample #...: A1C100420-001 **Work Order #...:** MFF4T **Matrix.....:** WG
Date Sampled...: 03/09/11 08:48 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**39.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**79.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT02-030911-E

General Chemistry

Lot-Sample #...: A1C100420-002 **Work Order #...:** MFF49 **Matrix.....:** WG
Date Sampled...: 03/09/11 09:10 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**0.16 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**0.28 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT03-030911

General Chemistry

Lot-Sample #...: A1C100420-003 **Work Order #...:** MFF5A **Matrix.....:** WG
Date Sampled...: 03/09/11 09:33 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**1.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**13.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT04-030911

General Chemistry

Lot-Sample #...: A1C100420-004 **Work Order #...:** MFF5C **Matrix.....:** WG
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**2.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**7.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101A-030911

General Chemistry

Lot-Sample #...: A1C100420-005 **Work Order #...:** MFF5D **Matrix.....:** WG
Date Sampled...: 03/09/11 13:22 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.23 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075281**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**23.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**481**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101B-030911

General Chemistry

Lot-Sample #...: A1C100420-006 **Work Order #...:** MFF5E **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.15 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075281**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**30.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**45.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101C-030911

General Chemistry

Lot-Sample #...: A1C100420-007 **Work Order #...:** MFF5G **Matrix.....:** WG
Date Sampled...: 03/09/11 14:48 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.14 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075281**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**4.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/16/11	1075319
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**1.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101E-030911

General Chemistry

Lot-Sample #...: A1C100420-008 **Work Order #...:** MFF5K **Matrix.....:** WG
Date Sampled...: 03/09/11 15:43 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/16/11	1075319
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**97.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT101D-030911

General Chemistry

Lot-Sample #...: A1C100420-009 **Work Order #...:** MFF5N **Matrix.....:** WG
Date Sampled...: 03/09/11 16:25 **Date Received..:** 03/10/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**37.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075275**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/16/11	1075319
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**85.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/15/11**	**1075286**
		Dilution Factor: 1		MDL.....: 0.12		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MFP9F1AA		MB Lot-Sample #:	A1C160000-281	
	ND	0.50	mg/L	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1				
Chloride		Work Order #: MFP891AA		MB Lot-Sample #:	A1C160000-275	
	ND	1.0	mg/L	MCAWW 300.0A	03/15/11	1075275
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFLMC1AA		MB Lot-Sample #:	A1C140000-198	
	ND	0.010	mg/L	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFQ2A1AA		MB Lot-Sample #:	A1C160000-319	
	ND	0.010	mg/L	SW846 9012A	03/16/11	1075319
		Dilution Factor: 1				
Sulfate		Work Order #: MFP9H1AA		MB Lot-Sample #:	A1C160000-286	
	ND	1.0	mg/L	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C100420 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFP9F1AC-LCS/MFP9F1AD-LCSD LCS Lot-Sample#: A1C160000-281					
	95	(90 - 110)			MCAWW 300.0A	03/15/11	1075281
	96	(90 - 110)	0.27	(0-20)	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1					
Chloride		WO#:MFP891AC-LCS/MFP891AD-LCSD LCS Lot-Sample#: A1C160000-275					
	101	(90 - 110)			MCAWW 300.0A	03/15/11	1075275
	102	(90 - 110)	0.53	(0-20)	MCAWW 300.0A	03/15/11	1075275
		Dilution Factor: 1					
Sulfate		WO#:MFP9H1AC-LCS/MFP9H1AD-LCSD LCS Lot-Sample#: A1C160000-286					
	96	(90 - 110)			MCAWW 300.0A	03/15/11	1075286
	96	(90 - 110)	0.45	(0-20)	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C100420 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFP9F1AC-LCS/MFP9F1AD-LCSD		LCS Lot-Sample#: A1C160000-281				
	10.0	9.5	mg/L	95		MCAWW 300.0A	03/15/11	1075281
	10.0	9.6	mg/L	96	0.27	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1						
Chloride		WO#:MFP891AC-LCS/MFP891AD-LCSD		LCS Lot-Sample#: A1C160000-275				
	50.0	50.6	mg/L	101		MCAWW 300.0A	03/15/11	1075275
	50.0	50.8	mg/L	102	0.53	MCAWW 300.0A	03/15/11	1075275
		Dilution Factor: 1						
Sulfate		WO#:MFP9H1AC-LCS/MFP9H1AD-LCSD		LCS Lot-Sample#: A1C160000-286				
	50.0	47.9	mg/L	96		MCAWW 300.0A	03/15/11	1075286
	50.0	48.2	mg/L	96	0.45	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFLMC1AC	LCS Lot-Sample#: A1C140000-198		
	70	(69 - 118)	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1			
Cyanide, Total		Work Order #: MFQ2A1AC	LCS Lot-Sample#: A1C160000-319		
	116	(69 - 118)	SW846 9012A	03/16/11	1075319
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: MFLMC1AC		LCS Lot-Sample#: A1C140000-198		
	0.33	0.23	mg/L	70	SW846 9012A	03/14/11	1073198
			Dilution Factor: 1				
Cyanide, Total			Work Order #: MFQ2A1AC		LCS Lot-Sample#: A1C160000-319		
	0.33	0.38	mg/L	116	SW846 9012A	03/16/11	1075319
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MFF5E1AU-MS/MFF5E1AV-MSD				MS Lot-Sample #: A1C100420-006	
	107	(80 - 120)			MCAWW 300.0A	03/15/11	1075281
	104	(80 - 120)	2.5	(0-20)	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1					
Chloride		WO#: MFF5E1AX-MS/MFF5E1A0-MSD				MS Lot-Sample #: A1C100420-006	
	118	(80 - 120)			MCAWW 300.0A	03/15/11	1075275
	106	(80 - 120)	6.4	(0-20)	MCAWW 300.0A	03/15/11	1075275
		Dilution Factor: 2					
Cyanide, Total		WO#: MFF5E1A5-MS/MFF5E1A6-MSD				MS Lot-Sample #: A1C100420-006	
	79	(42 - 140)			SW846 9012A	03/14/11	1073198
	80	(42 - 140)	0.61	(0-20)	SW846 9012A	03/14/11	1073198
		Dilution Factor: 1					
Sulfate		WO#: MFF5E1A2-MS/MFF5E1A3-MSD				MS Lot-Sample #: A1C100420-006	
	117	(80 - 120)			MCAWW 300.0A	03/15/11	1075286
	114	(80 - 120)	1.4	(0-20)	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 13:48 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MFF5E1AU-MS/MFF5E1AV-MSD				MS Lot-Sample #: A1C100420-006		
	0.15	10.0	10.8	mg/L	107		MCAWW 300.0A	03/15/11	1075281
	0.15	10.0	10.6	mg/L	104	2.5	MCAWW 300.0A	03/15/11	1075281
			Dilution Factor: 1						
Chloride			WO#: MFF5E1AX-MS/MFF5E1A0-MSD				MS Lot-Sample #: A1C100420-006		
	30.5	50.0	89.3	mg/L	118		MCAWW 300.0A	03/15/11	1075275
	30.5	50.0	83.8	mg/L	106	6.4	MCAWW 300.0A	03/15/11	1075275
			Dilution Factor: 2						
Cyanide, Total			WO#: MFF5E1A5-MS/MFF5E1A6-MSD				MS Lot-Sample #: A1C100420-006		
	ND	0.040	0.032	mg/L	79		SW846 9012A	03/14/11	1073198
	ND	0.040	0.033	mg/L	80	0.61	SW846 9012A	03/14/11	1073198
			Dilution Factor: 1						
Sulfate			WO#: MFF5E1A2-MS/MFF5E1A3-MSD				MS Lot-Sample #: A1C100420-006		
	45.3	50.0	104	mg/L	117		MCAWW 300.0A	03/15/11	1075286
	45.3	50.0	102	mg/L	114	1.4	MCAWW 300.0A	03/15/11	1075286
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFF5C1CA		MS Lot-Sample #: A1C100420-004	
	107	(80 - 120)	MCAWW 300.0A	03/15/11	1075281
		Dilution Factor: 1			
Chloride		Work Order #...: MFF5C1A9		MS Lot-Sample #: A1C100420-004	
	113	(80 - 120)	MCAWW 300.0A	03/15/11	1075275
		Dilution Factor: 1			
Sulfate		Work Order #...: MFF5C1CC		MS Lot-Sample #: A1C100420-004	
	106	(80 - 120)	MCAWW 300.0A	03/15/11	1075286
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WG
Date Sampled...: 03/09/11 10:41 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFF5C1CA			MS Lot-Sample #: A1C100420-004		
	ND	10.0	10.7	mg/L	107	MCAWW 300.0A	03/15/11	1075281
			Dilution Factor: 1					
Chloride			Work Order #...: MFF5C1A9			MS Lot-Sample #: A1C100420-004		
	2.5	50.0	59.2	mg/L	113	MCAWW 300.0A	03/15/11	1075275
			Dilution Factor: 1					
Sulfate			Work Order #...: MFF5C1CC			MS Lot-Sample #: A1C100420-004		
	7.6	50.0	60.8	mg/L	106	MCAWW 300.0A	03/15/11	1075286
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER
Date Sampled...: 03/09/11 13:45 **Date Received..:** 03/11/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MFJG21A9-MS/MFJG21CA-MSD				MS Lot-Sample #: A1C110438-008	
	93	(42 - 140)			SW846 9012A	03/16/11	1075319
	98	(42 - 140)	5.4	(0-20)	SW846 9012A	03/16/11	1075319

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER
Date Sampled...: 03/09/11 13:45 **Date Received..:** 03/11/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MFJG21A9-MS/MFJG21CA-MSD				MS Lot-Sample #: A1C110438-008		
	ND	0.040	0.038	mg/L	93		SW846 9012A	03/16/11	1075319
	ND	0.040	0.040	mg/L	98	5.4	SW846 9012A	03/16/11	1075319

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER
Date Sampled...: 03/08/11 15:28 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #...: MFHD51CA		MS Lot-Sample #: A1C100551-006	
	117	(80 - 120)	MCAWW 300.0A	03/16/11	1075275
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C100420 **Matrix.....:** WATER
Date Sampled...: 03/08/11 15:28 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...: MFHD51CA			MS Lot-Sample #: A1C100551-006		
	24.1	50.0	82.8	mg/L	117	MCAWW 300.0A	03/16/11	1075275
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C110592

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
3/31/2011 4:08 PM

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March 31, 2011

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 21
GC/MS Semivolatile Data 40
Inorganic/Metals Data 65
General Chemistry Data 97

Total # of Pages in this Document 112

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C110592

The following report contains the analytical results for five water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 11, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 25, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 2.9°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for batch(es) 1074036 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

The CCV associated with batch 1073016 exceeded method criteria on the high side for Antimony. Since the sample result(s) was/were below the requested reporting limit the result(s) was/were accepted

No ICP Trace or ICP MS Form IX provided for batch(es) 1073016. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for batch(es) 1080156 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C110592

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT120C-031011 03/10/11 15:53 001				
Arsenic	3.3 J	1.0	ug/L	SW846 6020
Thallium	0.31 B,J	1.0	ug/L	SW846 6020
Barium	28.2 B,J	200	ug/L	SW846 6010B
Calcium	103000 J	5000	ug/L	SW846 6010B
Iron	1040	100	ug/L	SW846 6010B
Magnesium	27200 J	5000	ug/L	SW846 6010B
Manganese	150 J	15.0	ug/L	SW846 6010B
Potassium	3470 B,J	5000	ug/L	SW846 6010B
Sodium	19500	5000	ug/L	SW846 6010B
Zinc	10 B,J	20.0	ug/L	SW846 6010B
Chloride	27.5	1.0	mg/L	MCAWW 300.0A
Sulfate	16.9	1.0	mg/L	MCAWW 300.0A
GW-WT120B-031011 03/10/11 15:37 002				
Arsenic	8.5 J	1.0	ug/L	SW846 6020
Thallium	0.17 B,J	1.0	ug/L	SW846 6020
Barium	96.0 B,J	200	ug/L	SW846 6010B
Calcium	74800 J	5000	ug/L	SW846 6010B
Iron	1150	100	ug/L	SW846 6010B
Magnesium	23600 J	5000	ug/L	SW846 6010B
Manganese	238 J	15.0	ug/L	SW846 6010B
Potassium	1210 B,J	5000	ug/L	SW846 6010B
Sodium	13500	5000	ug/L	SW846 6010B
Chloride	28.0	1.0	mg/L	MCAWW 300.0A
Sulfate	79.0	1.0	mg/L	MCAWW 300.0A
GW-WT122A-031011 03/10/11 08:58 003				
Arsenic	1.3 J	1.0	ug/L	SW846 6020
Barium	57.8 B,J	200	ug/L	SW846 6010B
Calcium	209000 J	5000	ug/L	SW846 6010B
Iron	2470	100	ug/L	SW846 6010B
Magnesium	21000 J	5000	ug/L	SW846 6010B
Manganese	406 J	15.0	ug/L	SW846 6010B
Potassium	6530 J	5000	ug/L	SW846 6010B
Sodium	37500	5000	ug/L	SW846 6010B
Vanadium	2.2 B	50.0	ug/L	SW846 6010B
Zinc	5.5 B,J	20.0	ug/L	SW846 6010B
Acetophenone	0.91 J	1.0	ug/L	SW846 8270C
Benzene	0.48 J	1.0	ug/L	SW846 8260B
Chloroethane	1.4	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	0.84 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C110592

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT122A-031011 03/10/11 08:58 003				
1,1-Dichloroethane	5.3	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.97 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.38 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.78 J	1.0	ug/L	SW846 8260B
Chloride	31.1	1.0	mg/L	MCAWW 300.0A
Sulfate	244	5.0	mg/L	MCAWW 300.0A
Bromide	0.41 B	0.50	mg/L	MCAWW 300.0A
GW-WT122B-031011 03/10/11 09:04 004				
Arsenic	2.4 J	1.0	ug/L	SW846 6020
Barium	50.8 B,J	200	ug/L	SW846 6010B
Calcium	133000 J	5000	ug/L	SW846 6010B
Iron	3940	100	ug/L	SW846 6010B
Magnesium	26600 J	5000	ug/L	SW846 6010B
Manganese	141 J	15.0	ug/L	SW846 6010B
Potassium	3220 B,J	5000	ug/L	SW846 6010B
Sodium	21100	5000	ug/L	SW846 6010B
Zinc	7.8 B,J	20.0	ug/L	SW846 6010B
Acetophenone	2.0	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	1.1 J,B	2.0	ug/L	SW846 8270C
Chloroethane	0.53 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.34 J	1.0	ug/L	SW846 8260B
Chloride	32.7	1.0	mg/L	MCAWW 300.0A
Sulfate	156	1.0	mg/L	MCAWW 300.0A
GW-WT122C-031011 03/10/11 10:57 005				
Arsenic	0.96 B,J	1.0	ug/L	SW846 6020
Barium	3.9 B,J	200	ug/L	SW846 6010B
Calcium	68900 J	5000	ug/L	SW846 6010B
Magnesium	16400 J	5000	ug/L	SW846 6010B
Manganese	10.0 B,J	15.0	ug/L	SW846 6010B
Potassium	1720 B,J	5000	ug/L	SW846 6010B
Sodium	15800	5000	ug/L	SW846 6010B
Zinc	5.7 B,J	20.0	ug/L	SW846 6010B
Acetophenone	2.7	1.0	ug/L	SW846 8270C
Vinyl chloride	0.24 J	1.0	ug/L	SW846 8260B
Chloride	32.1	1.0	mg/L	MCAWW 300.0A
Sulfate	147	1.0	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C110592

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK-031011-003 03/10/11 09:05	**006**			
Methylene chloride	0.68 J	1.0	ug/L	SW846 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C110592

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1C110592

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFKDT	001	GW-WT120C-031011	03/10/11	15:53
MFKD0	002	GW-WT120B-031011	03/10/11	15:37
MFKD2	003	GW-WT122A-031011	03/10/11	08:58
MFKD3	004	GW-WT122B-031011	03/10/11	09:04
MFKD5	005	GW-WT122C-031011	03/10/11	10:57
MFKD7	006	TRIP BLANK-031011-003	03/10/11	09:05

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TEST AMERICA – NORTH CANTON

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** JEFF KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOC's	CYANIDE	BROMIDE	CHLORIDE	SULFATE	METALS	REMARKS
	3/10/11	1553	GW-WT120C-031011	WATER	6	X	X	X	X	X	X	
		1537	GW-WT120B-031011		6	X	X	X	X	X	X	
		0858	GW-WT122A-031011		6	X	X	X	X	X	X	
		0904	GW-WT122B-031011		6	X	X	X	X	X	X	
		1057	GW-WT122C-031011		6	X	X	X	X	X	X	
		0905	TRIPBLANK-031011-003		1	X						

TOTAL NUMBER OF CONTAINERS 31

RELINQUISHED BY: ① [signature]	DATE: 3-10-11 TIME: 1730	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FED EX **TRACKING No.** 8729 9340 4889

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: PRANGER, KOLODZIEJSKI

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3-11-11 TIME: 1000

2387

North Canton

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TEST AMERICA - NORTH CANTON

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** JEFF KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC's	REMARKS
	3/10/11	0858	GW-WT122A-031011	WATER	2	X	
		0904	GW-WT122B-031011		2	X	
		1057	GW-WT122C-031011		2	X	
		1537	GW-WT120B-031011		2	X	
	↓	1553	GW-WT120C-031011	↓	2	X	

TOTAL NUMBER OF CONTAINERS 10

RELINQUISHED BY: ① [signature]	DATE: 3-10-11 TIME: 1730	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ② [signature]	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FEDEX **TRACKING No.** 8729 9340 4889

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: PRANGER, KOLODZIEJSKI

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3-11-11 TIME: 1000

2388

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: ALC110592

Client CRA Project Hunco By: _____
Cooler Received on 3-11-11 Opened on 3-11-11 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 4 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt 2.9 Trace °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN$/*NaOH*. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
120C	<2 7+7	3-11-11	MP
+B	<2 7+2	"	"
122A	<2 7+2	"	"
+B	<2 7+2	"	"
+C	<2 7+2	"	"

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
No #	2.9	IR	Ice
		1	1

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-001 **Work Order #...:** MFKDT1AA **Matrix.....:** WG
Date Sampled...: 03/10/11 15:53 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-001 **Work Order #...:** MFKDT1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	107	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-002 **Work Order #...:** MFKD01AL **Matrix.....:** WG
Date Sampled...: 03/10/11 15:37 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-002 **Work Order #...:** MFKD01AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	83	(74 - 115)
4-Bromofluorobenzene	74	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-003 **Work Order #...:** MFKD21AL **Matrix.....:** WG
Date Sampled...: 03/10/11 08:58 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**0.48 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**1.4**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**0.84 J**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**5.3**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.97 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-003 **Work Order #...:** MFKD21AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	**0.38 J**	**1.0**	**ug/L**	**0.17**
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.78 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
Toluene-d8	88	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-004 **Work Order #...:** MFKD31AL **Matrix.....:** WG
Date Sampled...: 03/10/11 09:04 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**0.53 J**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-004 **Work Order #...:** MFKD31AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.34 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	106	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-005 **Work Order #...:** MFKD51AL **Matrix.....:** WG
Date Sampled...: 03/10/11 10:57 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

GC/MS Volatiles

Lot-Sample #...: A1C110592-005 **Work Order #...:** MFKD51AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.24 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
1,2-Dichloroethane-d4	105	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031011-003

GC/MS Volatiles

Lot-Sample #...: A1C110592-006 **Work Order #...:** MFKD71AA **Matrix.....:** WQ
Date Sampled...: 03/10/11 09:05 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**0.68 J**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031011-003

GC/MS Volatiles

Lot-Sample #...: A1C110592-006 **Work Order #...:** MFKD71AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(75 - 121)
1,2-Dichloroethane-d4	105	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	78	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C110592 **Work Order #...:** MFVNE1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C180000-174

Prep Date.....: 03/18/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/18/11 **Prep Batch #...:** 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C110592 **Work Order #...:** MFVNE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.22 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	83	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C110592 **Work Order #...:** MFVNE1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C180000-174
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**93**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**92**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**93**	**(78 - 131)**	**SW846 8260B**
Toluene	**98**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**94**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
Toluene-d8	107	(74 - 115)
4-Bromofluorobenzene	106	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C110592 **Work Order #...:** MFVNE1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C180000-174
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**
Chlorobenzene	**10**	**9.2**	**ug/L**	**92**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**
Toluene	**10**	**9.8**	**ug/L**	**98**	**SW846 8260B**
Trichloroethene	**10**	**9.4**	**ug/L**	**94**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	93	(63 - 129)
Toluene-d8	107	(74 - 115)
4-Bromofluorobenzene	106	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C110592 **Work Order #...:** MFKDT1A9-MS **Matrix.....:** WG
MS Lot-Sample #: A1C110592-001 MFKDT1CA-MSD
Date Sampled...: 03/10/11 15:53 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(72 - 121)**			**SW846 8260B**
	96	**(72 - 121)**	**0.83**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**97**	**(80 - 110)**			**SW846 8260B**
	97	**(80 - 110)**	**0.33**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**102**	**(74 - 135)**			**SW846 8260B**
	101	**(74 - 135)**	**1.4**	**(0-30)**	**SW846 8260B**
Toluene	**100**	**(78 - 114)**			**SW846 8260B**
	99	**(78 - 114)**	**0.97**	**(0-30)**	**SW846 8260B**
Trichloroethene	**96**	**(66 - 120)**			**SW846 8260B**
	98	**(66 - 120)**	**1.4**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	89	(63 - 129)
	90	(63 - 129)
Toluene-d8	106	(74 - 115)
	100	(74 - 115)
4-Bromofluorobenzene	106	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C110592 **Work Order #...:** MFKDT1A9-MS **Matrix.....:** WG
MS Lot-Sample #: A1C110592-001 MFKDT1CA-MSD
Date Sampled...: 03/10/11 15:53 **Date Received..:** 03/11/11
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1077174
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.6**	**ug/L**	**96**	**0.83**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**0.33**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**10**	**ug/L**	**102**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**1.4**	**SW846 8260B**
Toluene	**ND**	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**0.97**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**1.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	89	(63 - 129)
	90	(63 - 129)
Toluene-d8	106	(74 - 115)
	100	(74 - 115)
4-Bromofluorobenzene	106	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-001 **Work Order #...:** MFKDT1AC **Matrix.....:** WG
Date Sampled...: 03/10/11 15:53 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-001 **Work Order #...:** MFKDT1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-001 **Work Order #...:** MFKDT1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	59	(28 - 110)
Terphenyl-d14	74	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	72	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-002 **Work Order #...:** MFKD01AM **Matrix.....:** WG
Date Sampled...: 03/10/11 15:37 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-002 **Work Order #...:** MFKD01AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-002 **Work Order #...:** MFKD01AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	68	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	55	(10 - 110)
2,4,6-Tribromophenol	65	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-003 **Work Order #...:** MFKD21AM **Matrix.....:** WG
Date Sampled...: 03/10/11 08:58 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**0.91 J**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-003 **Work Order #...:** MFKD21AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-003 **Work Order #...:** MFKD21AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	59	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	55	(10 - 110)
2,4,6-Tribromophenol	68	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-004 **Work Order #...:** MFKD31AM **Matrix.....:** WG
Date Sampled...: 03/10/11 09:04 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1020 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**2.0**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.1 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-004 **Work Order #...:** MFKD31AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-004 **Work Order #...:** MFKD31AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	62	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-005 **Work Order #...:** MFKD51AM **Matrix.....:** WG
Date Sampled...: 03/10/11 10:57 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**2.7**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-005 **Work Order #...:** MFKD51AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

GC/MS Semivolatiles

Lot-Sample #...: A1C110592-005 **Work Order #...:** MFKD51AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	62	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	54	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFMMD1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C150000-036

Prep Date.....: 03/15/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/21/11 **Prep Batch #...:** 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**0.97 J**	**2.0**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFMMD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	64	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	54	(10 - 110)
2,4,6-Tribromophenol	58	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFMMD1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFMMD1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C150000-036
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**61**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**60**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**62**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**67**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**68**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**70**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**57**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**68**	**(26 - 110)**	**SW846 8270C**
Phenol	**67**	**(14 - 112)**	**SW846 8270C**
Pyrene	**61**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFMMD1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C150000-036
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**12**	**ug/L**	**61**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**12**	**ug/L**	**62**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
2-Chlorophenol	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
4-Nitrophenol	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**11**	**ug/L**	**57**	**SW846 8270C**
Pentachlorophenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
Phenol	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
Pyrene	**20**	**12**	**ug/L**	**61**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**58**	**(36 - 110)**			**SW846 8270C**
	53	**(36 - 110)**	**9.2**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**57**	**(25 - 110)**			**SW846 8270C**
	51	**(25 - 110)**	**12**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**60**	**(17 - 110)**			**SW846 8270C**
	51	**(17 - 110)**	**16**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(33 - 110)**			**SW846 8270C**
	61	**(33 - 110)**	**9.1**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**64**	**(26 - 110)**			**SW846 8270C**
	58	**(26 - 110)**	**9.5**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**64**	**(46 - 119)**			**SW846 8270C**
	58	**(46 - 119)**	**9.0**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**69**	**(13 - 127)**			**SW846 8270C**
	69	**(13 - 127)**	**0.11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**56**	**(25 - 119)**			**SW846 8270C**
	51	**(25 - 119)**	**8.9**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**81**	**(23 - 110)**			**SW846 8270C**
	75	**(23 - 110)**	**7.6**	**(0-30)**	**SW846 8270C**
Phenol	**63**	**(16 - 110)**			**SW846 8270C**
	57	**(16 - 110)**	**11**	**(0-30)**	**SW846 8270C**
Pyrene	**51 a**	**(54 - 115)**			**SW846 8270C**
	48 a	**(54 - 115)**	**5.0**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
	51	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	52	(28 - 110)
Terphenyl-d14	43	(37 - 119)
	50	(37 - 119)
Phenol-d5	63	(10 - 110)
	56	(10 - 110)
2-Fluorophenol	60	(10 - 110)
	53	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(22 - 120)
	67	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**39**	**23**	**ug/L**	**58**		**SW846 8270C**
	ND	**39**	**21**	**ug/L**	**53**	**9.2**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**39**	**22**	**ug/L**	**57**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**12**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**39**	**23**	**ug/L**	**60**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**16**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**39**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**39**	**24**	**ug/L**	**61**	**9.1**	**SW846 8270C**
2-Chlorophenol	**ND**	**39**	**25**	**ug/L**	**64**		**SW846 8270C**
	ND	**39**	**23**	**ug/L**	**58**	**9.5**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**39**	**25**	**ug/L**	**64**		**SW846 8270C**
	ND	**39**	**23**	**ug/L**	**58**	**9.0**	**SW846 8270C**
4-Nitrophenol	**ND**	**39**	**27**	**ug/L**	**69**		**SW846 8270C**
	ND	**39**	**27**	**ug/L**	**69**	**0.11**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**39**	**22**	**ug/L**	**56**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**8.9**	**SW846 8270C**
Pentachlorophenol	**ND**	**39**	**32**	**ug/L**	**81**		**SW846 8270C**
	ND	**39**	**29**	**ug/L**	**75**	**7.6**	**SW846 8270C**
Phenol	**ND**	**39**	**25**	**ug/L**	**63**		**SW846 8270C**
	ND	**39**	**22**	**ug/L**	**57**	**11**	**SW846 8270C**
Pyrene	**ND**	**39**	**20**	**ug/L**	**51 a**		**SW846 8270C**
	ND	**39**	**19**	**ug/L**	**48 a**	**5.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
	51	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	52	(28 - 110)
Terphenyl-d14	43	(37 - 119)
	50	(37 - 119)
Phenol-d5	63	(10 - 110)
	56	(10 - 110)
2-Fluorophenol	60	(10 - 110)
	53	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C110592 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(22 - 120)
	67	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

TOTAL Metals

Lot-Sample #...: A1C110592-001 **Matrix.....:** WG
Date Sampled...: 03/10/11 15:53 **Date Received..:** 03/11/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1073016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/14-03/21/11	MFKDT1A0
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.3 J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKDT1A1**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AV
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/14-03/21/11	MFKDT1A2
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.31 B,J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKDT1A3**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AW
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**28.2 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AD**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AX
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AE
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**103000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AF**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

TOTAL Metals

Lot-Sample #...: A1C110592-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AG
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AH
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AJ
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1040**	**100**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AK**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**27200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AL**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**150 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AM**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AN
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3470 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/16/11**	**MFKDT1AP**
		Dilution Factor: 1		Analysis Time..: 07:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AQ
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**19500**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AR**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

TOTAL Metals

Lot-Sample #...: A1C110592-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKDT1AT
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**10 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKDT1AU**
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/14-03/17/11	MFKDT1A4
		Dilution Factor: 1		Analysis Time..: 10:59	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

TOTAL Metals

Lot-Sample #...: A1C110592-002 **Matrix.....:** WG
Date Sampled...: 03/10/11 15:37 **Date Received..:** 03/11/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1073016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/14-03/21/11	MFKD01AA
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**8.5 J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKD01AC**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A6
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/14-03/21/11	MFKD01AD
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.17 B,J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKD01AE**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A7
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**96.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD01AN**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A8
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01AP
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**74800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD01AQ**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

TOTAL Metals

Lot-Sample #...: A1C110592-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01AR
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01AT
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01AU
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1150**	**100**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD01AV**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**23600 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD01AW**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**238 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD01AX**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A0
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1210 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/16/11**	**MFKD01A1**
		Dilution Factor: 1		Analysis Time..: 08:00	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A2
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**13500**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD01A3**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

TOTAL Metals

Lot-Sample #...: A1C110592-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A4
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD01A5
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/14-03/17/11	MFKD01AF
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

TOTAL Metals

Lot-Sample #...: A1C110592-003 **Matrix.....:** WG
Date Sampled...: 03/10/11 08:58 **Date Received..:** 03/11/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1073016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/14-03/21/11	MFKD21AA
		Dilution Factor: 1		Analysis Time..: 23:35	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.3 J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKD21AC**
		Dilution Factor: 1		Analysis Time..: 23:35	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21A6
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/14-03/21/11	MFKD21AD
		Dilution Factor: 1		Analysis Time..: 23:35	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/14-03/21/11	MFKD21AE
		Dilution Factor: 1		Analysis Time..: 23:35	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21A7
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**57.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21AN**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21A8
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21AP
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**209000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21AQ**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

TOTAL Metals

Lot-Sample #...: A1C110592-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21AR
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21AT
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21AU
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**2470**	**100**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21AV**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**21000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21AW**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**406 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21AX**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21A0
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**6530 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/16/11**	**MFKD21A1**
		Dilution Factor: 1		Analysis Time..: 08:07	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD21A2
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**37500**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21A3**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

TOTAL Metals

Lot-Sample #...: A1C110592-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**2.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21A4**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.5 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD21A5**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/14-03/17/11	MFKD21AF
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

TOTAL Metals

Lot-Sample #...: A1C110592-004 **Matrix.....:** WG
Date Sampled...: 03/10/11 09:04 **Date Received..:** 03/11/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1073016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/14-03/21/11	MFKD31AA
		Dilution Factor: 1		Analysis Time..: 23:39	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.4 J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKD31AC**
		Dilution Factor: 1		Analysis Time..: 23:39	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31A6
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/14-03/21/11	MFKD31AD
		Dilution Factor: 1		Analysis Time..: 23:39	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/14-03/21/11	MFKD31AE
		Dilution Factor: 1		Analysis Time..: 23:39	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31A7
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**50.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31AN**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31A8
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31AP
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**133000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31AQ**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

TOTAL Metals

Lot-Sample #...: A1C110592-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31AR
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31AT
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31AU
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3940**	**100**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31AV**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**26600 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31AW**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**141 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31AX**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31A0
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3220 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/16/11**	**MFKD31A1**
		Dilution Factor: 1		Analysis Time..: 08:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31A2
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**21100**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31A3**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

TOTAL Metals

Lot-Sample #...: A1C110592-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD31A4
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**7.8 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD31A5**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/14-03/17/11	MFKD31AF
		Dilution Factor: 1		Analysis Time..: 11:14	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

TOTAL Metals

Lot-Sample #...: A1C110592-005 **Matrix.....:** WG
Date Sampled...: 03/10/11 10:57 **Date Received..:** 03/11/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1073016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/14-03/21/11	MFKD51AA
		Dilution Factor: 1		Analysis Time..: 23:44	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.96 B,J**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFKD51AC**
		Dilution Factor: 1		Analysis Time..: 23:44	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51A6
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/14-03/21/11	MFKD51AD
		Dilution Factor: 1		Analysis Time..: 23:44	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/14-03/21/11	MFKD51AE
		Dilution Factor: 1		Analysis Time..: 23:44	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51A7
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**3.9 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD51AN**
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51A8
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51AP
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**68900 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD51AQ**
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

TOTAL Metals

Lot-Sample #...: A1C110592-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51AR
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51AT
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51AU
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	03/14-03/15/11	MFKD51AV
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**16400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD51AW**
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**10.0 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD51AX**
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51A0
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1720 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/16/11**	**MFKD51A1**
		Dilution Factor: 1		Analysis Time..: 08:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51A2
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**15800**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD51A3**
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

TOTAL Metals

Lot-Sample #...: A1C110592-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFKD51A4
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.7 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFKD51A5**
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/14-03/17/11	MFKD51AF
		Dilution Factor: 1		Analysis Time..: 11:12	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C140000-016 **Prep Batch #...:** 1073016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/14-03/21/11	MFK681C0
		Dilution Factor: 1				
		Analysis Time..: 23:14	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/14-03/21/11	MFK681C2
		Dilution Factor: 1				
		Analysis Time..: 23:14	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	**0.66 B**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFK681C1**
		Dilution Factor: 1				
		Analysis Time..: 23:14	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681AC
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	**0.17 B**	**1.0**	**ug/L**	**SW846 6020**	**03/14-03/21/11**	**MFK681AR**
		Dilution Factor: 1				
		Analysis Time..: 23:14	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681AF
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.7 B**	**200**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFK681AM**
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681AH
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681AN
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**625 B**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFK681CL**
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681CM
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681CN
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681CP
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	03/14-03/15/11	MFK681CQ
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	**50.3 B**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFK681CR**
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**0.98 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFK681CT**
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681AP
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**131 B**	**5000**	**ug/L**	**SW846 6010B**	**03/14-03/16/11**	**MFK681CU**
		Dilution Factor: 1				
		Analysis Time..: 07:42	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681CV
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	03/14-03/15/11	MFK681CW
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	ND	50.0	ug/L	SW846 6010B	03/14-03/15/11	MFK681CX
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**11.1 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/14-03/15/11**	**MFK681AQ**
		Dilution Factor: 1				
		Analysis Time..: 15:08	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	03/14-03/17/11	MFK681AT
		Dilution Factor: 1				
		Analysis Time..: 10:54	Analyst ID.....: 001637	Instrument ID..: H1		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C140000-016 **Prep Batch #...:** 1073016					
Cadmium	94	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681AV
		Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: I6			
Thallium	88	(80 - 120)	SW846 6020	03/14-03/21/11	MFK681CA
		Dilution Factor: 1	Analysis Time..: 23:18	Analyst ID.....: 79	
		Instrument ID..: I8			
Aluminum	90	(80 - 120)	SW846 6020	03/14-03/21/11	MFK681DN
		Dilution Factor: 1	Analysis Time..: 23:18	Analyst ID.....: 79	
		Instrument ID..: I8			
Arsenic	96	(80 - 120)	SW846 6020	03/14-03/21/11	MFK681DP
		Dilution Factor: 1	Analysis Time..: 23:18	Analyst ID.....: 79	
		Instrument ID..: I8			
Antimony	101	(80 - 120)	SW846 6020	03/14-03/21/11	MFK681DQ
		Dilution Factor: 1	Analysis Time..: 23:18	Analyst ID.....: 79	
		Instrument ID..: I8			
Lead	95	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681A0
		Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	97	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681A2
		Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	95	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681A6
		Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	92	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681A7
		Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	95	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DA
		Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	92	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DC
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	93	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DD
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	93	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DE
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	98	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DF
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	95	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DG
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	94	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DH
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	93	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681A8
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	100	(80 - 120)	SW846 6010B	03/14-03/16/11	MFK681DJ
	Dilution Factor: 1	Analysis Time..: 07:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	93	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DK
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	96	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DL
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	92	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681DM
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	99	(80 - 120)	SW846 6010B	03/14-03/15/11	MFK681A9
	Dilution Factor: 1	Analysis Time..: 15:15	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	103	(81 - 123)	SW846 7470A	03/14-03/17/11	MFK681CC
	Dilution Factor: 1	Analysis Time..: 10:55	Analyst ID.....: 001637		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C140000-016 **Prep Batch #...:** 1073016							
Cadmium	50.0	47.1	ug/L	94	SW846 6010B	03/14-03/15/11	MFK681AV
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Thallium	100	88.0	ug/L	88	SW846 6020	03/14-03/21/11	MFK681CA
			Dilution Factor: 1		Analysis Time..: 23:18	Analyst ID.....: 79	
			Instrument ID..: I8				
Aluminum	10000	9000	ug/L	90	SW846 6020	03/14-03/21/11	MFK681DN
			Dilution Factor: 1		Analysis Time..: 23:18	Analyst ID.....: 79	
			Instrument ID..: I8				
Arsenic	100	96.0	ug/L	96	SW846 6020	03/14-03/21/11	MFK681DP
			Dilution Factor: 1		Analysis Time..: 23:18	Analyst ID.....: 79	
			Instrument ID..: I8				
Antimony	100	100	ug/L	101	SW846 6020	03/14-03/21/11	MFK681DQ
			Dilution Factor: 1		Analysis Time..: 23:18	Analyst ID.....: 79	
			Instrument ID..: I8				
Lead	500	475	ug/L	95	SW846 6010B	03/14-03/15/11	MFK681A0
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1930	ug/L	97	SW846 6010B	03/14-03/15/11	MFK681A2
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1900	ug/L	95	SW846 6010B	03/14-03/15/11	MFK681A6
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	46.0	ug/L	92	SW846 6010B	03/14-03/15/11	MFK681A7
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	47400	ug/L	95	SW846 6010B	03/14-03/15/11	MFK681DA
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	184	ug/L	92	SW846 6010B	03/14-03/15/11	MFK681DC
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	500	463	ug/L	93	SW846 6010B	03/14-03/15/11	MFK681DD
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	250	233	ug/L	93	SW846 6010B	03/14-03/15/11	MFK681DE
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	978	ug/L	98	SW846 6010B	03/14-03/15/11	MFK681DF
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	50000	47400	ug/L	95	SW846 6010B	03/14-03/15/11	MFK681DG
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	470	ug/L	94	SW846 6010B	03/14-03/15/11	MFK681DH
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	467	ug/L	93	SW846 6010B	03/14-03/15/11	MFK681A8
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Potassium	50000	50200	ug/L	100	SW846 6010B	03/14-03/16/11	MFK681DJ
			Dilution Factor: 1		Analysis Time..: 07:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Silver	50.0	46.4	ug/L	93	SW846 6010B	03/14-03/15/11	MFK681DK
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	50000	48100	ug/L	96	SW846 6010B	03/14-03/15/11	MFK681DL
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	461	ug/L	92	SW846 6010B	03/14-03/15/11	MFK681DM
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	497	ug/L	99	SW846 6010B	03/14-03/15/11	MFK681A9
			Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.2	ug/L	103	SW846 7470A	03/14-03/17/11	MFK681CC
			Dilution Factor: 1		Analysis Time..: 10:55	Analyst ID.....: 001637	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C110606-001 **Prep Batch #...:** 1073016							
Aluminum	99	(63 - 128)			SW846 6020	03/14-03/22/11	MFKGG1E2
	96	(63 - 128)	2.6	(0-20)	SW846 6020	03/14-03/22/11	MFKGG1E3
		Dilution Factor: 1					
		Analysis Time..: 00:29			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	111	(44 - 153)			SW846 6020	03/14-03/22/11	MFKGG1E8
	111	(44 - 153)	0.09	(0-20)	SW846 6020	03/14-03/22/11	MFKGG1E9
		Dilution Factor: 1					
		Analysis Time..: 00:29			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	104	(82 - 123)			SW846 6020	03/14-03/22/11	MFKGG1E5
	102	(82 - 123)	2.0	(0-20)	SW846 6020	03/14-03/22/11	MFKGG1E6
		Dilution Factor: 1					
		Analysis Time..: 00:29			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	101	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1AQ
	97	(75 - 125)	3.6	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1AR
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	97	(69 - 117)			SW846 6020	03/14-03/22/11	MFKGG1C2
	96	(69 - 117)	0.75	(0-20)	SW846 6020	03/14-03/22/11	MFKGG1C3
		Dilution Factor: 1					
		Analysis Time..: 00:29			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	103	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1A2
	99	(75 - 125)	3.5	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1A3
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	105	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1CM
	101	(75 - 125)	3.4	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1CN
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	105	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1A8
	102	(75 - 125)	2.9	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1A9
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	99	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1CQ
	96	(75 - 125)	3.4	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1CR
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	93	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1DX
	80	(75 - 125)	4.2	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1D0
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	99	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1D2
	95	(75 - 125)	3.6	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1D3
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	100	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1D5
	97	(75 - 125)	3.5	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1D6
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	106	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1D8
	102	(75 - 125)	3.9	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1D9
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	107	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1EC
	103	(75 - 125)	3.2	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1ED
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	102	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1EF
	96	(75 - 125)	3.9	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1EG
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	102	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1EJ
	98	(75 - 125)	3.6	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1EK
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	101	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1CU
	97	(75 - 125)	3.9	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1CV
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	112	(75 - 125)			SW846 6010B	03/14-03/16/11	MFKGG1EM
	110	(75 - 125)	2.0	(0-20)	SW846 6010B	03/14-03/16/11	MFKGG1EN
		Dilution Factor: 1					
		Analysis Time..: 08:31			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	103	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1EQ
	99	(75 - 125)	3.9	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1ER
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	105	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1EU
	98	(75 - 125)	3.9	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1EV
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	100	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1EX
	96	(75 - 125)	3.5	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1E0
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	107	(75 - 125)			SW846 6010B	03/14-03/15/11	MFKGG1CX
	103	(75 - 125)	4.1	(0-20)	SW846 6010B	03/14-03/15/11	MFKGG1C0
		Dilution Factor: 1					
		Analysis Time..: 17:18			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	110	(69 - 134)			SW846 7470A	03/14-03/17/11	MFKGG1C5
	106	(69 - 134)	3.7	(0-20)	SW846 7470A	03/14-03/17/11	MFKGG1C6
		Dilution Factor: 1					
		Analysis Time..: 11:20			Instrument ID..: H1	Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C110606-001 **Prep Batch #...:** 1073016									
Aluminum									
	ND	10000	9860	ug/L	99		SW846 6020	03/14-03/22/11	MFKGG1E2
	ND	10000	9600	ug/L	96	2.6	SW846 6020	03/14-03/22/11	MFKGG1E3
			Dilution Factor: 1						
			Analysis Time..: 00:29		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	ND	100	111	ug/L	111		SW846 6020	03/14-03/22/11	MFKGG1E8
	ND	100	111	ug/L	111	0.09	SW846 6020	03/14-03/22/11	MFKGG1E9
			Dilution Factor: 1						
			Analysis Time..: 00:29		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	ND	100	104	ug/L	104		SW846 6020	03/14-03/22/11	MFKGG1E5
	ND	100	102	ug/L	102	2.0	SW846 6020	03/14-03/22/11	MFKGG1E6
			Dilution Factor: 1						
			Analysis Time..: 00:29		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	50.3	ug/L	101		SW846 6010B	03/14-03/15/11	MFKGG1AQ
	ND	50.0	48.5	ug/L	97	3.6	SW846 6010B	03/14-03/15/11	MFKGG1AR
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	97.0	ug/L	97		SW846 6020	03/14-03/22/11	MFKGG1C2
	ND	100	96.0	ug/L	96	0.75	SW846 6020	03/14-03/22/11	MFKGG1C3
			Dilution Factor: 1						
			Analysis Time..: 00:29		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	515	ug/L	103		SW846 6010B	03/14-03/15/11	MFKGG1A2
	ND	500	497	ug/L	99	3.5	SW846 6010B	03/14-03/15/11	MFKGG1A3
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	22.0	2000	2110	ug/L	105		SW846 6010B	03/14-03/15/11	MFKGG1CM
	22.0	2000	2040	ug/L	101	3.4	SW846 6010B	03/14-03/15/11	MFKGG1CN
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2100	ug/L	105		SW846 6010B	03/14-03/15/11	MFKGG1A8
	ND	2000	2040	ug/L	102	2.9	SW846 6010B	03/14-03/15/11	MFKGG1A9
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	ND	50.0	49.7	ug/L	99		SW846 6010B	03/14-03/15/11	MFKGG1CQ
	ND	50.0	48.0	ug/L	96	3.4	SW846 6010B	03/14-03/15/11	MFKGG1CR
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	103000	50000	149000	ug/L	93		SW846 6010B	03/14-03/15/11	MFKGG1DX
	103000	50000	143000	ug/L	80	4.2	SW846 6010B	03/14-03/15/11	MFKGG1D0
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Chromium									
	2.7	200	200	ug/L	99		SW846 6010B	03/14-03/15/11	MFKGG1D2
	2.7	200	193	ug/L	95	3.6	SW846 6010B	03/14-03/15/11	MFKGG1D3
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Cobalt									
	ND	500	502	ug/L	100		SW846 6010B	03/14-03/15/11	MFKGG1D5
	ND	500	485	ug/L	97	3.5	SW846 6010B	03/14-03/15/11	MFKGG1D6
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	ND	250	264	ug/L	106		SW846 6010B	03/14-03/15/11	MFKGG1D8
	ND	250	254	ug/L	102	3.9	SW846 6010B	03/14-03/15/11	MFKGG1D9
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	ND	1000	1070	ug/L	107		SW846 6010B	03/14-03/15/11	MFKGG1EC
	ND	1000	1030	ug/L	103	3.2	SW846 6010B	03/14-03/15/11	MFKGG1ED
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	19500	50000	70200	ug/L	102		SW846 6010B	03/14-03/15/11	MFKGG1EF
	19500	50000	67500	ug/L	96	3.9	SW846 6010B	03/14-03/15/11	MFKGG1EG
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	37.9	500	548	ug/L	102		SW846 6010B	03/14-03/15/11	MFKGG1EJ
	37.9	500	528	ug/L	98	3.6	SW846 6010B	03/14-03/15/11	MFKGG1EK
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	507	ug/L	101		SW846 6010B	03/14-03/15/11	MFKGG1CU
	ND	500	487	ug/L	97	3.9	SW846 6010B	03/14-03/15/11	MFKGG1CV
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	6700	50000	62700	ug/L	112		SW846 6010B	03/14-03/16/11	MFKGG1EM
	6700	50000	61500	ug/L	110	2.0	SW846 6010B	03/14-03/16/11	MFKGG1EN
			Dilution Factor: 1						
			Analysis Time..: 08:31		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	51.3	ug/L	103		SW846 6010B	03/14-03/15/11	MFKGG1EQ
	ND	50.0	49.4	ug/L	99	3.9	SW846 6010B	03/14-03/15/11	MFKGG1ER
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	39600	50000	92100	ug/L	105		SW846 6010B	03/14-03/15/11	MFKGG1EU
	39600	50000	88600	ug/L	98	3.9	SW846 6010B	03/14-03/15/11	MFKGG1EV
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	500	ug/L	100		SW846 6010B	03/14-03/15/11	MFKGG1EX
	ND	500	482	ug/L	96	3.5	SW846 6010B	03/14-03/15/11	MFKGG1E0
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	537	ug/L	107		SW846 6010B	03/14-03/15/11	MFKGG1CX
	ND	500	516	ug/L	103	4.1	SW846 6010B	03/14-03/15/11	MFKGG1C0
			Dilution Factor: 1						
			Analysis Time..: 17:18		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.1	ug/L	110		SW846 7470A	03/14-03/17/11	MFKGG1C5
	ND	1.0	1.1	ug/L	106	3.7	SW846 7470A	03/14-03/17/11	MFKGG1C6
			Dilution Factor: 1						
			Analysis Time..: 11:20		Instrument ID..: H1			Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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GENERAL CHEMISTRY DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120C-031011

General Chemistry

Lot-Sample #...: A1C110592-001 **Work Order #...:** MFKDT **Matrix.....:** WG
Date Sampled...: 03/10/11 15:53 **Date Received..:** 03/11/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**27.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**16.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT120B-031011

General Chemistry

Lot-Sample #...: A1C110592-002 **Work Order #...:** MFKD0 **Matrix.....:** WG
Date Sampled...: 03/10/11 15:37 **Date Received..:** 03/11/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**28.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**79.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122A-031011

General Chemistry

Lot-Sample #...: A1C110592-003 **Work Order #...:** MFKD2 **Matrix.....:** WG
Date Sampled...: 03/10/11 08:58 **Date Received..:** 03/11/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.41 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**31.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**244**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 5		MDL.....: 0.60		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122B-031011

General Chemistry

Lot-Sample #...: A1C110592-004 **Work Order #...:** MFKD3 **Matrix.....:** WG
Date Sampled...: 03/10/11 09:04 **Date Received..:** 03/11/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**156**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT122C-031011

General Chemistry

Lot-Sample #...: A1C110592-005 **Work Order #...:** MFKD5 **Matrix.....:** WG
Date Sampled...: 03/10/11 10:57 **Date Received..:** 03/11/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**147**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MFX9J1AA		MB Lot-Sample #:	A1C210000-159	
	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1				
Chloride		Work Order #: MFX871AA		MB Lot-Sample #:	A1C210000-156	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFR6X1AA		MB Lot-Sample #:	A1C170000-300	
	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1				
Sulfate		Work Order #: MFX9W1AA		MB Lot-Sample #:	A1C210000-166	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C110592 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFX9J1AC-LCS/MFX9J1AD-LCSD LCS Lot-Sample#: A1C210000-159					
	97	(90 - 110)			MCAWW 300.0A	03/18/11	1080159
	98	(90 - 110)	1.0	(0-20)	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1					
Chloride		WO#:MFX871AC-LCS/MFX871AD-LCSD LCS Lot-Sample#: A1C210000-156					
	100	(90 - 110)			MCAWW 300.0A	03/18/11	1080156
	100	(90 - 110)	0.14	(0-20)	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1					
Sulfate		WO#:MFX9W1AC-LCS/MFX9W1AD-LCSD LCS Lot-Sample#: A1C210000-166					
	95	(90 - 110)			MCAWW 300.0A	03/18/11	1080166
	95	(90 - 110)	0.33	(0-20)	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C110592 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFX9J1AC-LCS/MFX9J1AD-LCSD		LCS Lot-Sample#: A1C210000-159				
	10.0	9.7	mg/L	97		MCAWW 300.0A	03/18/11	1080159
	10.0	9.8	mg/L	98	1.0	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1						
Chloride		WO#:MFX871AC-LCS/MFX871AD-LCSD		LCS Lot-Sample#: A1C210000-156				
	50.0	50.0	mg/L	100		MCAWW 300.0A	03/18/11	1080156
	50.0	50.1	mg/L	100	0.14	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1						
Sulfate		WO#:MFX9W1AC-LCS/MFX9W1AD-LCSD		LCS Lot-Sample#: A1C210000-166				
	50.0	47.6	mg/L	95		MCAWW 300.0A	03/18/11	1080166
	50.0	47.4	mg/L	95	0.33	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFR6X1AC	LCS Lot-Sample#: A1C170000-300		
	115	(69 - 118)	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MFR6X1AC				LCS Lot-Sample#: A1C170000-300		
	0.33	0.38	mg/L	115	SW846 9012A	03/17/11	1076300
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MFJ3W1C2-MS/MFJ3W1C3-MSD				MS Lot-Sample #: A1C110537-002	
	86	(42 - 140)			SW846 9012A	03/17/11	1076300
	94	(42 - 140)	9.1	(0-20)	SW846 9012A	03/17/11	1076300

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MFJ3W1C2-MS/MFJ3W1C3-MSD				MS Lot-Sample #: A1C110537-002		
	ND	0.040	0.035	mg/L	86		SW846 9012A	03/17/11	1076300
	ND	0.040	0.038	mg/L	94	9.1	SW846 9012A	03/17/11	1076300

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFNLV1CA		MS Lot-Sample #: A1C150533-006	
	117	(80 - 120)	MCAWW 300.0A	03/19/11	1080159
		Dilution Factor: 1			
Chloride		Work Order #...: MFNLV1A9		MS Lot-Sample #: A1C150533-006	
	141 N	(80 - 120)	MCAWW 300.0A	03/19/11	1080156
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C110592 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFNLV1CA			MS Lot-Sample #: A1C150533-006		
	ND	10.0	11.7	mg/L	117	MCAWW 300.0A	03/19/11	1080159
			Dilution Factor: 1					
Chloride			Work Order #...: MFNLV1A9			MS Lot-Sample #: A1C150533-006		
	37.2	50.0	108 N	mg/L	141	MCAWW 300.0A	03/19/11	1080156
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C140413

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
4/4/2011 3:34 PM

Amy L. McCormick
Project Manager
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April 04, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative 2
Executive Summary 9
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 20
GC/MS Semivolatile Data 35
Inorganic/Metals Data 54
General Chemistry Data 80

Total # of Pages in this Document 93

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C140413

The following report contains the analytical results for three water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 12, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 25, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 3.9°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) GW-WT115B-031111 had elevated reporting limits due to TICs.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for batch(es) 1074036 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for GW-WT115B-031111 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

The matrix spike/matrix spike duplicate(s) for GW-WT115B-031111 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

No ICP Trace or ICP MS Form IX was provided for batch(es) 1074016. The serial dilutions were performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for batch(es) 1080156 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

CASE NARRATIVE (continued)

GENERAL CHEMISTRY (continued)

The associated Cyanide sample(s) GW-WT115B-031111 tested positive for Sulfide interference. Sulfide will distill over with the Cyanide and could affect the colorimetric procedure. Each sample is tested for the presence of Sulfide using Lead Acetate paper. If Sulfide is present, the Lead Acetate paper darkens and the samples are treated with Cadmium Carbonate to precipitate out the Sulfide. This is noted on the Cyanide benchsheet.

According to the updates in 40-CFR, Cyanide samples that test positive for Sulfide presence must be analyzed within 48 hours of sampling. It is TestAmerica's policy to analyze samples within method recommended holding times, however, due to sampling and shipping times, it was not possible to analyze the associated Cyanide sample that have tested positive for Sulfide interference within 48 hours. The sample was treated with cadmium carbonate for the Sulfide interference as per the SOP, and data is reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

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EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C140413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT115B-031111 03/11/11 10:09 001				
Aluminum	34.8 B	50.0	ug/L	SW846 6020
Arsenic	2.4	1.0	ug/L	SW846 6020
Barium	123 B,J	200	ug/L	SW846 6010B
Calcium	318000 J	5000	ug/L	SW846 6010B
Chromium	2.9 B	10.0	ug/L	SW846 6010B
Iron	280	100	ug/L	SW846 6010B
Magnesium	15600 J	5000	ug/L	SW846 6010B
Manganese	8.8 B,J	15.0	ug/L	SW846 6010B
Potassium	8540 J	5000	ug/L	SW846 6010B
Sodium	36700	5000	ug/L	SW846 6010B
Vanadium	12.8 B	50.0	ug/L	SW846 6010B
Zinc	6.4 B,J	20.0	ug/L	SW846 6010B
Benzo(a)anthracene	0.37	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	0.43	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	0.58	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	0.66	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	0.60	0.20	ug/L	SW846 8270C
Chrysene	0.38	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	0.49	0.20	ug/L	SW846 8270C
2,4-Dimethylphenol	3.7	2.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	0.60	0.20	ug/L	SW846 8270C
4-Methylphenol	0.84 J	1.0	ug/L	SW846 8270C
Benzene	30	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	6.5	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.4	2.0	ug/L	SW846 8260B
Ethylbenzene	1.2 J	2.0	ug/L	SW846 8260B
Toluene	2.3	2.0	ug/L	SW846 8260B
Xylenes (total)	3.7 J	4.0	ug/L	SW846 8260B
Chloride	26.9	1.0	mg/L	MCAWW 300.0A
Sulfate	179	5.0	mg/L	MCAWW 300.0A
Bromide	0.64	0.50	mg/L	MCAWW 300.0A
GW-WT115A-031111 03/11/11 11:17 002				
Aluminum	6110	50.0	ug/L	SW846 6020
Arsenic	1.0	1.0	ug/L	SW846 6020
Antimony	0.78 B	2.0	ug/L	SW846 6020
Thallium	0.38 B	1.0	ug/L	SW846 6020
Lead	2.3 B	3.0	ug/L	SW846 6010B
Barium	48.2 B,J	200	ug/L	SW846 6010B
Calcium	84300 J	5000	ug/L	SW846 6010B
Chromium	5.9 B	10.0	ug/L	SW846 6010B
Copper	8.6 B	25.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C140413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT115A-031111 03/11/11 11:17 002				
Iron	1950	100	ug/L	SW846 6010B
Magnesium	4960 B,J	5000	ug/L	SW846 6010B
Manganese	52.1 J	15.0	ug/L	SW846 6010B
Nickel	7.0 B	40.0	ug/L	SW846 6010B
Potassium	1620 B,J	5000	ug/L	SW846 6010B
Sodium	6970	5000	ug/L	SW846 6010B
Vanadium	15.0 B	50.0	ug/L	SW846 6010B
Zinc	24.4 J	20.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.4 J,B	2.0	ug/L	SW846 8270C
Benzene	3.6	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.91 J	1.0	ug/L	SW846 8260B
Chloride	5.8	1.0	mg/L	MCAWW 300.0A
Sulfate	75.6	1.0	mg/L	MCAWW 300.0A
GW-WT115C-031111 03/11/11 11:57 003				
Arsenic	2.1	1.0	ug/L	SW846 6020
Thallium	0.14 B	1.0	ug/L	SW846 6020
Barium	72.8 B,J	200	ug/L	SW846 6010B
Calcium	152000 J	5000	ug/L	SW846 6010B
Iron	4320	100	ug/L	SW846 6010B
Magnesium	24000 J	5000	ug/L	SW846 6010B
Manganese	79.4 J	15.0	ug/L	SW846 6010B
Potassium	3930 B,J	5000	ug/L	SW846 6010B
Sodium	21000	5000	ug/L	SW846 6010B
Acetophenone	1.7	1.0	ug/L	SW846 8270C
Dichlorodifluoromethane	0.42 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	3.5	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.36 J	1.0	ug/L	SW846 8260B
Isopropylbenzene	0.44 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.40 J	1.0	ug/L	SW846 8260B
Chloride	33.4	1.0	mg/L	MCAWW 300.0A
Sulfate	153	1.0	mg/L	MCAWW 300.0A
Bromide	0.25 B	0.50	mg/L	MCAWW 300.0A

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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C140413

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
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SAMPLE SUMMARY

SAMPLE SUMMARY

A1C140413

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFLGM	001	GW-WT115B-031111	03/11/11	10:09
MFLGT	002	GW-WT115A-031111	03/11/11	11:17
MFLGV	003	GW-WT115C-031111	03/11/11	11:57
MFLGW	004	TRIP BLANK-031111-004	03/11/11	12:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
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SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TEST AMERICA - ~~[illegible]~~ NORTH CANTON

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature]   PRINTED NAME: JEFF KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOC's	SVOC's	METALS	CYANIDE	BROMIDE	CHLORIDE	SULFATE				REMARKS
	3/11/11	1009	GW-WT115B-031111	WATER	8	X	X	X	X	X	X	X				
	↓	1117	GW-WT115A-031111	↓	8	X	X	X	X	X	X	X				
	↓	1157	GW-WT115C-031111	↓	8	X	X	X	X	X	X	X				
	↓	1210	TRIP BLANK-031111-004	↓	1	X										
			TOTAL NUMBER OF CONTAINERS		25											

RELINQUISHED BY: ① [signature]	DATE: 3/11/11 TIME: 1630	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FEDEX (SATURDAY DELIVERY)   TRACKING No. 872993404904

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: PRANGER, KOLODZIEJSKI

RECEIVED FOR LABORATORY BY: [signature]
DATE 3/12/11 TIME: 1000

2389

400001-00(SOURCE)GN-CO007

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A1C140413
North Canton Facility

Client CRA Project Himco By: [signature] (Signature)
Cooler Received on 3/12/11 Opened on 3.14.11
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # A577 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 2 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt 3.9 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
115B	<2 7/2	3-14-11	[initials]
A	<2 7/2	↓	↓
C	<2 7/2		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant

Discrepancies Cont'd:

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GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

GC/MS Volatiles

Lot-Sample #...: A1C140413-001 **Work Order #...:** MFLGM1AA **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 2 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/L	2.2
Benzene	**30**	**2.0**	**ug/L**	**0.26**
Bromodichloromethane	ND	2.0	ug/L	0.30
Bromoform	ND	2.0	ug/L	1.3
Bromomethane	ND	2.0	ug/L	0.82
2-Butanone	ND	20	ug/L	1.1
Carbon disulfide	ND	2.0	ug/L	0.26
Carbon tetrachloride	ND	2.0	ug/L	0.26
Chlorobenzene	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.58
Chloroform	ND	2.0	ug/L	0.32
Chloromethane	ND	2.0	ug/L	0.60
Cyclohexane	ND	2.0	ug/L	0.24
Dibromochloromethane	ND	2.0	ug/L	0.36
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	1.3
1,2-Dibromoethane	ND	2.0	ug/L	0.48
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
1,3-Dichlorobenzene	ND	2.0	ug/L	0.28
1,4-Dichlorobenzene	ND	2.0	ug/L	0.26
Dichlorodifluoromethane	ND	2.0	ug/L	0.62
1,1-Dichloroethane	**6.5**	**2.0**	**ug/L**	**0.30**
1,2-Dichloroethane	ND	2.0	ug/L	0.44
1,1-Dichloroethene	ND	2.0	ug/L	0.38
cis-1,2-Dichloroethene	**2.4**	**2.0**	**ug/L**	**0.34**
trans-1,2-Dichloroethene	ND	2.0	ug/L	0.38
1,2-Dichloropropane	ND	2.0	ug/L	0.36
cis-1,3-Dichloropropene	ND	2.0	ug/L	0.28
trans-1,3-Dichloropropene	ND	2.0	ug/L	0.38
Ethylbenzene	**1.2 J**	**2.0**	**ug/L**	**0.34**
2-Hexanone	ND	20	ug/L	0.82
Isopropylbenzene	ND	2.0	ug/L	0.26
Methyl acetate	ND	20	ug/L	0.76
Methylene chloride	ND	2.0	ug/L	0.66
Methylcyclohexane	ND	2.0	ug/L	0.26
4-Methyl-2-pentanone	ND	20	ug/L	0.64
Methyl tert-butyl ether	ND	10	ug/L	0.34
Styrene	ND	2.0	ug/L	0.22

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

GC/MS Volatiles

Lot-Sample #...: A1C140413-001 **Work Order #...:** MFLGM1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	0.36
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	**2.3**	**2.0**	**ug/L**	**0.26**
1,2,4-Trichloro-benzene	ND	2.0	ug/L	0.30
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
1,1,2-Trichloroethane	ND	2.0	ug/L	0.54
Trichloroethene	ND	2.0	ug/L	0.34
Trichlorofluoromethane	ND	2.0	ug/L	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ug/L	0.56
Vinyl chloride	ND	2.0	ug/L	0.44
Xylenes (total)	**3.7 J**	**4.0**	**ug/L**	**0.56**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(75 - 121)
1,2-Dichloroethane-d4	94	(63 - 129)
Toluene-d8	87	(74 - 115)
4-Bromofluorobenzene	87	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

GC/MS Volatiles

Lot-Sample #...: A1C140413-002 **Work Order #...:** MFLGT1AL **Matrix.....:** WG
Date Sampled...: 03/11/11 11:17 **Date Received..:** 03/12/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**3.6**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**0.91 J**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

GC/MS Volatiles

Lot-Sample #...: A1C140413-002 **Work Order #...:** MFLGT1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	88	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

GC/MS Volatiles

Lot-Sample #...: A1C140413-003 **Work Order #...:** MFLGV1AL **Matrix.....:** WG
Date Sampled...: 03/11/11 11:57 **Date Received..:** 03/12/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**0.42 J**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**3.5**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.36 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	**0.44 J**	**1.0**	**ug/L**	**0.13**
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

GC/MS Volatiles

Lot-Sample #...: A1C140413-003 **Work Order #...:** MFLGV1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.40 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
Toluene-d8	86	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031111-004

GC/MS Volatiles

Lot-Sample #...: A1C140413-004 **Work Order #...:** MFLGW1AA **Matrix.....:** WQ
Date Sampled...: 03/11/11 12:10 **Date Received..:** 03/12/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031111-004

GC/MS Volatiles

Lot-Sample #...: A1C140413-004 **Work Order #...:** MFLGW1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(75 - 121)
1,2-Dichloroethane-d4	107	(63 - 129)
Toluene-d8	88	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C140413 **Work Order #...:** MFVJF1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C180000-161

Prep Date.....: 03/17/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/17/11 **Prep Batch #...:** 1077161
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C140413 **Work Order #...:** MFVJF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.27 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(75 - 121)
1,2-Dichloroethane-d4	104	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C140413 **Work Order #...:** MFVJF1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C180000-161
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**99**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**97**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**103**	**(78 - 131)**	**SW846 8260B**
Toluene	**101**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**99**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	95	(63 - 129)
Toluene-d8	103	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C140413 **Work Order #...:** MFVJF1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C180000-161
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.9**	**ug/L**	**99**	**SW846 8260B**
Chlorobenzene	**10**	**9.7**	**ug/L**	**97**	**SW846 8260B**
1,1-Dichloroethene	**10**	**10**	**ug/L**	**103**	**SW846 8260B**
Toluene	**10**	**10**	**ug/L**	**101**	**SW846 8260B**
Trichloroethene	**10**	**9.9**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	95	(63 - 129)
Toluene-d8	103	(74 - 115)
4-Bromofluorobenzene	104	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C140413 **Work Order #...:** MFH3N1A2-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110406-003 MFH3N1A3-MSD
Date Sampled...: 03/10/11 12:20 **Date Received..:** 03/10/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**93**	**(72 - 121)**			**SW846 8260B**
	90	**(72 - 121)**	**3.0**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 110)**			**SW846 8260B**
	90	**(80 - 110)**	**4.0**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**95**	**(74 - 135)**			**SW846 8260B**
	92	**(74 - 135)**	**2.4**	**(0-30)**	**SW846 8260B**
Toluene	**96**	**(78 - 114)**			**SW846 8260B**
	94	**(78 - 114)**	**2.8**	**(0-30)**	**SW846 8260B**
Trichloroethene	**94**	**(66 - 120)**			**SW846 8260B**
	91	**(66 - 120)**	**3.5**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	98	(75 - 121)
1,2-Dichloroethane-d4	91	(63 - 129)
	94	(63 - 129)
Toluene-d8	103	(74 - 115)
	103	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C140413 **Work Order #...:** MFH3N1A2-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110406-003 MFH3N1A3-MSD
Date Sampled...: 03/10/11 12:20 **Date Received..:** 03/10/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/17/11
Prep Batch #...: 1077161
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**3.0**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**4.0**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**2.4**	**SW846 8260B**
Toluene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**2.8**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**3.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
	98	(75 - 121)
1,2-Dichloroethane-d4	91	(63 - 129)
	94	(63 - 129)
Toluene-d8	103	(74 - 115)
	103	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-001 **Work Order #...:** MFLGM1AC **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	**0.37**	**0.20**	**ug/L**	**0.10**
Benzo(a)pyrene	**0.43**	**0.20**	**ug/L**	**0.10**
Benzo(b)fluoranthene	**0.58**	**0.20**	**ug/L**	**0.10**
Benzo(ghi)perylene	**0.66**	**0.20**	**ug/L**	**0.10**
Benzo(k)fluoranthene	**0.60**	**0.20**	**ug/L**	**0.10**
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	**0.38**	**0.20**	**ug/L**	**0.10**
Dibenz(a,h)anthracene	**0.49**	**0.20**	**ug/L**	**0.10**
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	**3.7**	**2.0**	**ug/L**	**0.80**
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-001 **Work Order #...:** MFLGM1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	**0.60**	**0.20**	**ug/L**	**0.10**
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	**0.84 J**	**1.0**	**ug/L**	**0.80**
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-001 **Work Order #...:** MFLGM1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	49	(37 - 119)
Phenol-d5	63	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-002 **Work Order #...:** MFLGT1AM **Matrix.....:** WG
Date Sampled...: 03/11/11 11:17 **Date Received..:** 03/12/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	**1.4 J,B**	**2.0**	**ug/L**	**0.80**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-002 **Work Order #...:** MFLGT1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-002 **Work Order #...:** MFLGT1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	45	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	64	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-003 **Work Order #...:** MFLGV1AM **Matrix.....:** WG
Date Sampled...: 03/11/11 11:57 **Date Received..:** 03/12/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1030 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**1.7**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-003 **Work Order #...:** MFLGV1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

GC/MS Semivolatiles

Lot-Sample #...: A1C140413-003 **Work Order #...:** MFLGV1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	60	(37 - 119)
Phenol-d5	53	(10 - 110)
2-Fluorophenol	52	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFMMD1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C150000-036

Prep Date.....: 03/15/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/21/11 **Prep Batch #...:** 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**0.97 J**	**2.0**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFMMD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	64	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	54	(10 - 110)
2,4,6-Tribromophenol	58	(22 - 120)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFMMD1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFMMD1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C150000-036
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**61**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**60**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**62**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**67**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**68**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**70**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**57**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**68**	**(26 - 110)**	**SW846 8270C**
Phenol	**67**	**(14 - 112)**	**SW846 8270C**
Pyrene	**61**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFMMD1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C150000-036
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**12**	**ug/L**	**61**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**12**	**ug/L**	**62**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
2-Chlorophenol	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
4-Nitrophenol	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**11**	**ug/L**	**57**	**SW846 8270C**
Pentachlorophenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
Phenol	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
Pyrene	**20**	**12**	**ug/L**	**61**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	71	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**58**	**(36 - 110)**			**SW846 8270C**
	53	**(36 - 110)**	**9.2**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**57**	**(25 - 110)**			**SW846 8270C**
	51	**(25 - 110)**	**12**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**60**	**(17 - 110)**			**SW846 8270C**
	51	**(17 - 110)**	**16**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(33 - 110)**			**SW846 8270C**
	61	**(33 - 110)**	**9.1**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**64**	**(26 - 110)**			**SW846 8270C**
	58	**(26 - 110)**	**9.5**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**64**	**(46 - 119)**			**SW846 8270C**
	58	**(46 - 119)**	**9.0**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**69**	**(13 - 127)**			**SW846 8270C**
	69	**(13 - 127)**	**0.11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**56**	**(25 - 119)**			**SW846 8270C**
	51	**(25 - 119)**	**8.9**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**81**	**(23 - 110)**			**SW846 8270C**
	75	**(23 - 110)**	**7.6**	**(0-30)**	**SW846 8270C**
Phenol	**63**	**(16 - 110)**			**SW846 8270C**
	57	**(16 - 110)**	**11**	**(0-30)**	**SW846 8270C**
Pyrene	**51 a**	**(54 - 115)**			**SW846 8270C**
	48 a	**(54 - 115)**	**5.0**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
	51	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	52	(28 - 110)
Terphenyl-d14	43	(37 - 119)
	50	(37 - 119)
Phenol-d5	63	(10 - 110)
	56	(10 - 110)
2-Fluorophenol	60	(10 - 110)
	53	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(22 - 120)
	67	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11
Prep Date.....: 03/15/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1074036
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**39**	**23**	**ug/L**	**58**		**SW846 8270C**
	ND	**39**	**21**	**ug/L**	**53**	**9.2**	**SW846 8270C**
1,2,4-Trichloro- benzene	**ND**	**39**	**22**	**ug/L**	**57**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**12**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**39**	**23**	**ug/L**	**60**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**16**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**39**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**39**	**24**	**ug/L**	**61**	**9.1**	**SW846 8270C**
2-Chlorophenol	**ND**	**39**	**25**	**ug/L**	**64**		**SW846 8270C**
	ND	**39**	**23**	**ug/L**	**58**	**9.5**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**39**	**25**	**ug/L**	**64**		**SW846 8270C**
	ND	**39**	**23**	**ug/L**	**58**	**9.0**	**SW846 8270C**
4-Nitrophenol	**ND**	**39**	**27**	**ug/L**	**69**		**SW846 8270C**
	ND	**39**	**27**	**ug/L**	**69**	**0.11**	**SW846 8270C**
N-Nitrosodi-n-propyl- amine	**ND**	**39**	**22**	**ug/L**	**56**		**SW846 8270C**
	ND	**39**	**20**	**ug/L**	**51**	**8.9**	**SW846 8270C**
Pentachlorophenol	**ND**	**39**	**32**	**ug/L**	**81**		**SW846 8270C**
	ND	**39**	**29**	**ug/L**	**75**	**7.6**	**SW846 8270C**
Phenol	**ND**	**39**	**25**	**ug/L**	**63**		**SW846 8270C**
	ND	**39**	**22**	**ug/L**	**57**	**11**	**SW846 8270C**
Pyrene	**ND**	**39**	**20**	**ug/L**	**51 a**		**SW846 8270C**
	ND	**39**	**19**	**ug/L**	**48 a**	**5.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
	51	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
	52	(28 - 110)
Terphenyl-d14	43	(37 - 119)
	50	(37 - 119)
Phenol-d5	63	(10 - 110)
	56	(10 - 110)
2-Fluorophenol	60	(10 - 110)
	53	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C140413 **Work Order #...:** MFKGG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(22 - 120)
	67	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

TOTAL Metals

Lot-Sample #...: A1C140413-001 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1074016						
Aluminum	**34.8 B**	**50.0**	**ug/L**	**SW846 6020**	**03/15-03/22/11**	**MFLGM1A0**
		Dilution Factor: 1		Analysis Time..: 12:47	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**03/15-03/22/11**	**MFLGM1A1**
		Dilution Factor: 1		Analysis Time..: 12:47	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AV
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/15-03/21/11	MFLGM1A2
		Dilution Factor: 1		Analysis Time..: 22:01	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/15-03/21/11	MFLGM1A3
		Dilution Factor: 1		Analysis Time..: 22:01	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AW
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**123 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AD**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AX
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AE
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**318000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AF**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

TOTAL Metals

Lot-Sample #...: A1C140413-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.9 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AG**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AH
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AJ
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**280**	**100**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AK**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**15600 J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AL**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**8.8 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AM**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AN
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**8540 J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AP**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGM1AQ
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**36700**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AR**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

TOTAL Metals

Lot-Sample #...: A1C140413-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**12.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AT**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**6.4 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGM1AU**
		Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/15-03/17/11	MFLGM1A4
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

TOTAL Metals

Lot-Sample #...: A1C140413-002 **Matrix.....:** WG
Date Sampled...: 03/11/11 11:17 **Date Received..:** 03/12/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1074016						
Aluminum	**6110**	**50.0**	**ug/L**	**SW846 6020**	**03/15-03/22/11**	**MFLGT1AA**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.0**	**1.0**	**ug/L**	**SW846 6020**	**03/15-03/22/11**	**MFLGT1AC**
		Dilution Factor: 1		Analysis Time..: 13:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGT1A6
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.78 B**	**2.0**	**ug/L**	**SW846 6020**	**03/15-03/21/11**	**MFLGT1AD**
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.38 B**	**1.0**	**ug/L**	**SW846 6020**	**03/15-03/21/11**	**MFLGT1AE**
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	**2.3 B**	**3.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1A7**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**48.2 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AN**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGT1A8
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGT1AP
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**84300 J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AQ**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

TOTAL Metals

Lot-Sample #...: A1C140413-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**5.9 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AR**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGT1AT
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	**8.6 B**	**25.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AU**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1950**	**100**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AV**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**4960 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AW**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**52.1 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1AX**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**7.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1A0**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1620 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1A1**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGT1A2
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**6970**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1A3**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

TOTAL Metals

Lot-Sample #...: A1C140413-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**15.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1A4**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**24.4 J**	**20.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGT1A5**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/15-03/17/11	MFLGT1AF
		Dilution Factor: 1		Analysis Time..: 10:41	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

TOTAL Metals

Lot-Sample #...: A1C140413-003 **Matrix.....:** WG
Date Sampled...: 03/11/11 11:57 **Date Received..:** 03/12/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1074016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/15-03/22/11	MFLGV1AA
		Dilution Factor: 1		Analysis Time..: 13:22	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**03/15-03/22/11**	**MFLGV1AC**
		Dilution Factor: 1		Analysis Time..: 13:22	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A6
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/15-03/21/11	MFLGV1AD
		Dilution Factor: 1		Analysis Time..: 22:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.14 B**	**1.0**	**ug/L**	**SW846 6020**	**03/15-03/21/11**	**MFLGV1AE**
		Dilution Factor: 1		Analysis Time..: 22:34	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A7
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**72.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1AN**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A8
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1AP
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**152000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1AQ**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

TOTAL Metals

Lot-Sample #...: A1C140413-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1AR
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1AT
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1AU
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**4320**	**100**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1AV**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**24000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1AW**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**79.4 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1AX**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A0
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3930 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1A1**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A2
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**21000**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFLGV1A3**
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

TOTAL Metals

Lot-Sample #...: A1C140413-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A4
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/15-03/16/11	MFLGV1A5
		Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/15-03/17/11	MFLGV1AF
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C150000-016 **Prep Batch #...:** 1074016						
Aluminum	ND	50.0	ug/L	SW846 6020	03/15-03/22/11	MFMLK1AW
		Dilution Factor: 1				
		Analysis Time..: 12:35	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/15-03/21/11	MFMLK1A0
		Dilution Factor: 1				
		Analysis Time..: 21:01	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/15-03/22/11	MFMLK1AX
		Dilution Factor: 1				
		Analysis Time..: 12:35	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AT
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	03/15-03/21/11	MFMLK1A1
		Dilution Factor: 1				
		Analysis Time..: 21:01	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AU
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.7 B**	**200**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFMLK1AA**
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AV
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AC
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**463 B**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFMLK1AD**
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AE
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AF
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AG
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AH
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	**42.9 B**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFMLK1AJ**
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**0.78 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFMLK1AK**
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AL
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**150 B**	**5000**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFMLK1AM**
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AN
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AP
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	ND	50.0	ug/L	SW846 6010B	03/15-03/16/11	MFMLK1AQ
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**11.3 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/15-03/16/11**	**MFMLK1AR**
		Dilution Factor: 1				
		Analysis Time..: 10:22	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	03/15-03/17/11	MFMLK1A2
		Dilution Factor: 1				
		Analysis Time..: 10:30	Analyst ID.....: 001637	Instrument ID..: H1		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C150000-016 **Prep Batch #...:** 1074016					
Cadmium	94	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CK
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Aluminum	97	(80 - 120)	SW846 6020	03/15-03/22/11	MFMLK1CN
		Dilution Factor: 1	Analysis Time..: 12:40	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	89	(80 - 120)	SW846 6020	03/15-03/22/11	MFMLK1CP
		Dilution Factor: 1	Analysis Time..: 12:40	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	96	(80 - 120)	SW846 6020	03/15-03/21/11	MFMLK1CQ
		Dilution Factor: 1	Analysis Time..: 21:06	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	84	(80 - 120)	SW846 6020	03/15-03/21/11	MFMLK1CR
		Dilution Factor: 1	Analysis Time..: 21:06	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	94	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CL
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	93	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A3
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	96	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CM
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	92	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A4
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	94	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A5
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	91	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A6
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	92	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A7
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	92	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A8
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	97	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1A9
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	95	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CA
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	93	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CC
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	92	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CD
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	98	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CE
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	91	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CF
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	95	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CG
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	91	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CH
	Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	97	(80 - 120)	SW846 6010B	03/15-03/16/11	MFMLK1CJ
		Dilution Factor: 1	Analysis Time..: 10:28	Analyst ID.....: 001637	
		Instrument ID..: I6			
Mercury	101	(81 - 123)	SW846 7470A	03/15-03/17/11	MFMLK1CT
		Dilution Factor: 1	Analysis Time..: 10:31	Analyst ID.....: 001637	
		Instrument ID..: H1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C150000-016 **Prep Batch #...:** 1074016							
Cadmium	50.0	46.8	ug/L	94	SW846 6010B	03/15-03/16/11	MFMLK1CK
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Aluminum	10000	9710	ug/L	97	SW846 6020	03/15-03/22/11	MFMLK1CN
			Dilution Factor: 1		Analysis Time..: 12:40	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	89.2	ug/L	89	SW846 6020	03/15-03/22/11	MFMLK1CP
			Dilution Factor: 1		Analysis Time..: 12:40	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	95.5	ug/L	96	SW846 6020	03/15-03/21/11	MFMLK1CQ
			Dilution Factor: 1		Analysis Time..: 21:06	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	83.6	ug/L	84	SW846 6020	03/15-03/21/11	MFMLK1CR
			Dilution Factor: 1		Analysis Time..: 21:06	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	471	ug/L	94	SW846 6010B	03/15-03/16/11	MFMLK1CL
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1860	ug/L	93	SW846 6010B	03/15-03/16/11	MFMLK1A3
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1920	ug/L	96	SW846 6010B	03/15-03/16/11	MFMLK1CM
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	46.0	ug/L	92	SW846 6010B	03/15-03/16/11	MFMLK1A4
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	47100	ug/L	94	SW846 6010B	03/15-03/16/11	MFMLK1A5
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	183	ug/L	91	SW846 6010B	03/15-03/16/11	MFMLK1A6
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Cobalt	500	460	ug/L	92	SW846 6010B	03/15-03/16/11	MFMLK1A7
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Copper	250	231	ug/L	92	SW846 6010B	03/15-03/16/11	MFMLK1A8
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Iron	1000	966	ug/L	97	SW846 6010B	03/15-03/16/11	MFMLK1A9
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Magnesium	50000	47300	ug/L	95	SW846 6010B	03/15-03/16/11	MFMLK1CA
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Manganese	500	466	ug/L	93	SW846 6010B	03/15-03/16/11	MFMLK1CC
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Nickel	500	461	ug/L	92	SW846 6010B	03/15-03/16/11	MFMLK1CD
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Potassium	50000	48800	ug/L	98	SW846 6010B	03/15-03/16/11	MFMLK1CE
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Silver	50.0	45.4	ug/L	91	SW846 6010B	03/15-03/16/11	MFMLK1CF
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Sodium	50000	47400	ug/L	95	SW846 6010B	03/15-03/16/11	MFMLK1CG
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	500	457	ug/L	91	SW846 6010B	03/15-03/16/11	MFMLK1CH
		Dilution Factor: 1		Analysis Time..: 10:28		Analyst ID.....: 001637	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	487	ug/L	97	SW846 6010B	03/15-03/16/11	MFMLK1CJ
			Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.1	ug/L	101	SW846 7470A	03/15-03/17/11	MFMLK1CT
			Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 001637	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C140413-001 **Prep Batch #...:** 1074016							
Aluminum	102	(63 - 128)			SW846 6020	03/15-03/22/11	MFLGM1DG
	100	(63 - 128)	1.3	(0-20)	SW846 6020	03/15-03/22/11	MFLGM1DH
		Dilution Factor: 1					
		Analysis Time..: 12:51			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	109	(44 - 153)			SW846 6020	03/15-03/21/11	MFLGM1DL
	109	(44 - 153)	0.18	(0-20)	SW846 6020	03/15-03/21/11	MFLGM1DM
		Dilution Factor: 1					
		Analysis Time..: 22:06			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	97	(82 - 123)			SW846 6020	03/15-03/22/11	MFLGM1DJ
	97	(82 - 123)	0.07	(0-20)	SW846 6020	03/15-03/22/11	MFLGM1DK
		Dilution Factor: 1					
		Analysis Time..: 12:51			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	100	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1C9
	99	(75 - 125)	0.21	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1DA
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	97	(69 - 117)			SW846 6020	03/15-03/21/11	MFLGM1DN
	96	(69 - 117)	0.48	(0-20)	SW846 6020	03/15-03/21/11	MFLGM1DP
		Dilution Factor: 1					
		Analysis Time..: 22:06			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	101	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1DC
	102	(75 - 125)	0.12	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1DD
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	102	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1A9
	102	(75 - 125)	0.10	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CA
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	69 N	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1DE
	67 N	(75 - 125)	2.8	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1DF
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	98	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CC
	98	(75 - 125)	0.14	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CD
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CE
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CF
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	97	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CG
	97	(75 - 125)	0.35	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CH
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	98	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CJ
	99	(75 - 125)	0.18	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CK
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	101	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CL
	101	(75 - 125)	0.0	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CM
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	101	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CN
	99	(75 - 125)	1.1	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CP
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	102	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CQ
	101	(75 - 125)	0.21	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CR
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	101	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CT
	101	(75 - 125)	0.19	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CU
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	100	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CV
	99	(75 - 125)	0.29	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1CW
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	108	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1CX
	108	(75 - 125)	0.23	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1C0
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	101	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1C1
	101	(75 - 125)	0.01	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1C2
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	103	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1C3
	102	(75 - 125)	0.54	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1C4
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	98	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1C5
	98	(75 - 125)	0.04	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1C6
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	104	(75 - 125)			SW846 6010B	03/15-03/16/11	MFLGM1C7
	104	(75 - 125)	0.34	(0-20)	SW846 6010B	03/15-03/16/11	MFLGM1C8
		Dilution Factor: 1					
		Analysis Time..: 12:39			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	103	(69 - 134)			SW846 7470A	03/15-03/17/11	MFLGM1DQ
	106	(69 - 134)	2.8	(0-20)	SW846 7470A	03/15-03/17/11	MFLGM1DR
		Dilution Factor: 1					
		Analysis Time..: 10:36			Instrument ID..: H1	Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C140413-001 **Prep Batch #...:** 1074016									
Aluminum									
	34.8	10000	10200	ug/L	102		SW846 6020	03/15-03/22/11	MFLGM1DG
	34.8	10000	10100	ug/L	100	1.3	SW846 6020	03/15-03/22/11	MFLGM1DH
			Dilution Factor: 1						
			Analysis Time..: 12:51		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	ND	100	109	ug/L	109		SW846 6020	03/15-03/21/11	MFLGM1DL
	ND	100	109	ug/L	109	0.18	SW846 6020	03/15-03/21/11	MFLGM1DM
			Dilution Factor: 1						
			Analysis Time..: 22:06		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	2.4	100	99.8	ug/L	97		SW846 6020	03/15-03/22/11	MFLGM1DJ
	2.4	100	99.8	ug/L	97	0.07	SW846 6020	03/15-03/22/11	MFLGM1DK
			Dilution Factor: 1						
			Analysis Time..: 12:51		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	49.8	ug/L	100		SW846 6010B	03/15-03/16/11	MFLGM1C9
	ND	50.0	49.7	ug/L	99	0.21	SW846 6010B	03/15-03/16/11	MFLGM1DA
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	96.9	ug/L	97		SW846 6020	03/15-03/21/11	MFLGM1DN
	ND	100	96.4	ug/L	96	0.48	SW846 6020	03/15-03/21/11	MFLGM1DP
			Dilution Factor: 1						
			Analysis Time..: 22:06		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	507	ug/L	101		SW846 6010B	03/15-03/16/11	MFLGM1DC
	ND	500	508	ug/L	102	0.12	SW846 6010B	03/15-03/16/11	MFLGM1DD
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	123	2000	2160	ug/L	102		SW846 6010B	03/15-03/16/11	MFLGM1A9
	123	2000	2160	ug/L	102	0.10	SW846 6010B	03/15-03/16/11	MFLGM1CA
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	1380 N	ug/L	69		SW846 6010B	03/15-03/16/11	MFLGM1DE
	ND	2000	1340 N	ug/L	67	2.8	SW846 6010B	03/15-03/16/11	MFLGM1DF
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	ND	50.0	49.2	ug/L	98		SW846 6010B	03/15-03/16/11	MFLGM1CC
	ND	50.0	49.1	ug/L	98	0.14	SW846 6010B	03/15-03/16/11	MFLGM1CD
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	318000	50000	369000	ug/L			SW846 6010B	03/15-03/16/11	MFLGM1CE
			Qualifiers: NC,MSB						
	318000	50000	365000	ug/L			SW846 6010B	03/15-03/16/11	MFLGM1CF
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Chromium									
	2.9	200	197	ug/L	97		SW846 6010B	03/15-03/16/11	MFLGM1CG
	2.9	200	198	ug/L	97	0.35	SW846 6010B	03/15-03/16/11	MFLGM1CH
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Cobalt									
	ND	500	492	ug/L	98		SW846 6010B	03/15-03/16/11	MFLGM1CJ
	ND	500	493	ug/L	99	0.18	SW846 6010B	03/15-03/16/11	MFLGM1CK
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	ND	250	252	ug/L	101		SW846 6010B	03/15-03/16/11	MFLGM1CL
	ND	250	252	ug/L	101	0.0	SW846 6010B	03/15-03/16/11	MFLGM1CM
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	280	1000	1290	ug/L	101		SW846 6010B	03/15-03/16/11	MFLGM1CN
	280	1000	1270	ug/L	99	1.1	SW846 6010B	03/15-03/16/11	MFLGM1CP
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	15600	50000	66400	ug/L	102		SW846 6010B	03/15-03/16/11	MFLGM1CQ
	15600	50000	66300	ug/L	101	0.21	SW846 6010B	03/15-03/16/11	MFLGM1CR
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	8.8	500	512	ug/L	101		SW846 6010B	03/15-03/16/11	MFLGM1CT
	8.8	500	513	ug/L	101	0.19	SW846 6010B	03/15-03/16/11	MFLGM1CU
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	498	ug/L	100		SW846 6010B	03/15-03/16/11	MFLGM1CV
	ND	500	497	ug/L	99	0.29	SW846 6010B	03/15-03/16/11	MFLGM1CW
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	8540	50000	62700	ug/L	108		SW846 6010B	03/15-03/16/11	MFLGM1CX
	8540	50000	62600	ug/L	108	0.23	SW846 6010B	03/15-03/16/11	MFLGM1C0
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	50.4	ug/L	101		SW846 6010B	03/15-03/16/11	MFLGM1C1
	ND	50.0	50.4	ug/L	101	0.01	SW846 6010B	03/15-03/16/11	MFLGM1C2
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	36700	50000	88200	ug/L	103		SW846 6010B	03/15-03/16/11	MFLGM1C3
	36700	50000	87700	ug/L	102	0.54	SW846 6010B	03/15-03/16/11	MFLGM1C4
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	12.8	500	503	ug/L	98		SW846 6010B	03/15-03/16/11	MFLGM1C5
	12.8	500	504	ug/L	98	0.04	SW846 6010B	03/15-03/16/11	MFLGM1C6
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C140413 **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	6.4	500	525	ug/L	104		SW846 6010B	03/15-03/16/11	MFLGM1C7
	6.4	500	527	ug/L	104	0.34	SW846 6010B	03/15-03/16/11	MFLGM1C8
			Dilution Factor: 1						
			Analysis Time..: 12:39		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.0	ug/L	103		SW846 7470A	03/15-03/17/11	MFLGM1DQ
	ND	1.0	1.1	ug/L	106	2.8	SW846 7470A	03/15-03/17/11	MFLGM1DR
			Dilution Factor: 1						
			Analysis Time..: 10:36		Instrument ID..: H1			Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

N Spiked analyte recovery is outside stated control limits.

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GENERAL CHEMISTRY DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115B-031111

General Chemistry

Lot-Sample #...: A1C140413-001 **Work Order #...:** MFLGM **Matrix.....:** WG
Date Sampled...: 03/11/11 10:09 **Date Received..:** 03/12/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.64**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**26.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**179**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 5		MDL.....: 0.60		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115A-031111

General Chemistry

Lot-Sample #...: A1C140413-002 **Work Order #...:** MFLGT **Matrix.....:** WG
Date Sampled...: 03/11/11 11:17 **Date Received..:** 03/12/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**5.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**75.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT115C-031111

General Chemistry

Lot-Sample #...: A1C140413-003 **Work Order #...:** MFLGV **Matrix.....:** WG
Date Sampled...: 03/11/11 11:57 **Date Received..:** 03/12/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.25 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**33.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**153**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MFX9J1AA		MB Lot-Sample #:	A1C210000-159	
	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1				
Chloride		Work Order #: MFX871AA		MB Lot-Sample #:	A1C210000-156	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFR6X1AA		MB Lot-Sample #:	A1C170000-300	
	ND	0.010	mg/L	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1				
Sulfate		Work Order #: MFX9W1AA		MB Lot-Sample #:	A1C210000-166	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C140413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFX9J1AC-LCS/MFX9J1AD-LCSD LCS Lot-Sample#: A1C210000-159					
	97	(90 - 110)			MCAWW 300.0A	03/18/11	1080159
	98	(90 - 110)	1.0	(0-20)	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1					
Chloride		WO#:MFX871AC-LCS/MFX871AD-LCSD LCS Lot-Sample#: A1C210000-156					
	100	(90 - 110)			MCAWW 300.0A	03/18/11	1080156
	100	(90 - 110)	0.14	(0-20)	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1					
Sulfate		WO#:MFX9W1AC-LCS/MFX9W1AD-LCSD LCS Lot-Sample#: A1C210000-166					
	95	(90 - 110)			MCAWW 300.0A	03/18/11	1080166
	95	(90 - 110)	0.33	(0-20)	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C140413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFX9J1AC-LCS/MFX9J1AD-LCSD LCS Lot-Sample#: A1C210000-159						
	10.0	9.7	mg/L	97		MCAWW 300.0A	03/18/11	1080159
	10.0	9.8	mg/L	98	1.0	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1						
Chloride		WO#:MFX871AC-LCS/MFX871AD-LCSD LCS Lot-Sample#: A1C210000-156						
	50.0	50.0	mg/L	100		MCAWW 300.0A	03/18/11	1080156
	50.0	50.1	mg/L	100	0.14	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1						
Sulfate		WO#:MFX9W1AC-LCS/MFX9W1AD-LCSD LCS Lot-Sample#: A1C210000-166						
	50.0	47.6	mg/L	95		MCAWW 300.0A	03/18/11	1080166
	50.0	47.4	mg/L	95	0.33	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFR6X1AC	LCS Lot-Sample#: A1C170000-300		
	115	(69 - 118)	SW846 9012A	03/17/11	1076300
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MFR6X1AC				LCS Lot-Sample#: A1C170000-300		
	0.33	0.38	mg/L	115	SW846 9012A	03/17/11	1076300
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MFJ3W1C2-MS/MFJ3W1C3-MSD				MS Lot-Sample #: A1C110537-002	
	86	(42 - 140)			SW846 9012A	03/17/11	1076300
	94	(42 - 140)	9.1	(0-20)	SW846 9012A	03/17/11	1076300

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MFJ3W1C2-MS/MFJ3W1C3-MSD				MS Lot-Sample #: A1C110537-002		
	ND	0.040	0.035	mg/L	86		SW846 9012A	03/17/11	1076300
	ND	0.040	0.038	mg/L	94	9.1	SW846 9012A	03/17/11	1076300

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFNLV1CA		MS Lot-Sample #: A1C150533-006	
	117	(80 - 120)	MCAWW 300.0A	03/19/11	1080159
		Dilution Factor: 1			
Chloride		Work Order #...: MFNLV1A9		MS Lot-Sample #: A1C150533-006	
	141 N	(80 - 120)	MCAWW 300.0A	03/19/11	1080156
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C140413 **Matrix.....:** WATER
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFNLV1CA			MS Lot-Sample #: A1C150533-006		
	ND	10.0	11.7	mg/L	117	MCAWW 300.0A	03/19/11	1080159
			Dilution Factor: 1					
Chloride			Work Order #...: MFNLV1A9			MS Lot-Sample #: A1C150533-006		
	37.2	50.0	108 N	mg/L	141	MCAWW 300.0A	03/19/11	1080156
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

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END OF REPORT

TestAmerica
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ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C150533

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
4/5/2011 1:25 PM

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April 05, 2011

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 21
GC/MS Semivolatile Data 44
Inorganic/Metals Data 71
General Chemistry Data 109

Total # of Pages in this Document 126

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C150533

The following report contains the analytical results for seven water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 15, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 29, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.5 and 3.6°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

Sample(s) GW-WTE1-031411-E had up to one surrogate recovery per fraction outside acceptance limits. However, since the recovery was greater than 10% and all associated QC met criteria, no corrective action was taken.

The LCSD associated with batch(es) 1075044 was broken upon concentration. Only a Blank and LCS are reported for this batch.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

CASE NARRATIVE (continued)

METALS (continued)

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP Trace Form IX was provided for batch(es) 1075010. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for GW-WT116B-031411 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C150533

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WTE3-031411 03/14/11 11:42 001				
Arsenic	1.0	1.0	ug/L	SW846 6020
Thallium	0.20 B	1.0	ug/L	SW846 6020
Barium	54.6 B,J	200	ug/L	SW846 6010B
Calcium	64800 J	5000	ug/L	SW846 6010B
Iron	1230	100	ug/L	SW846 6010B
Magnesium	23800 J	5000	ug/L	SW846 6010B
Manganese	28.5 J	15.0	ug/L	SW846 6010B
Potassium	2120 B,J	5000	ug/L	SW846 6010B
Sodium	12400	5000	ug/L	SW846 6010B
Zinc	8.6 B,J	20.0	ug/L	SW846 6010B
2-Butanone	1.2 J	10	ug/L	SW846 8260B
Carbon disulfide	0.60 J	1.0	ug/L	SW846 8260B
Chloroform	0.33 J	1.0	ug/L	SW846 8260B
Methylene chloride	1.1	1.0	ug/L	SW846 8260B
Vinyl chloride	0.25 J	1.0	ug/L	SW846 8260B
Chloride	6.4	1.0	mg/L	MCAWW 300.0A
Sulfate	6.9	1.0	mg/L	MCAWW 300.0A
Bromide	0.13 B	0.50	mg/L	MCAWW 300.0A
Cyanide, Total	0.038	0.010	mg/L	SW846 9012A
GW-WTE1-031411 03/14/11 12:27 002				
Arsenic	0.82 B	1.0	ug/L	SW846 6020
Thallium	0.31 B	1.0	ug/L	SW846 6020
Barium	48.7 B,J	200	ug/L	SW846 6010B
Calcium	108000 J	5000	ug/L	SW846 6010B
Iron	168	100	ug/L	SW846 6010B
Magnesium	20400 J	5000	ug/L	SW846 6010B
Manganese	117 J	15.0	ug/L	SW846 6010B
Potassium	3240 B,J	5000	ug/L	SW846 6010B
Sodium	20100	5000	ug/L	SW846 6010B
Carbon disulfide	1.1	1.0	ug/L	SW846 8260B
Vinyl chloride	0.25 J	1.0	ug/L	SW846 8260B
Chloride	35.1	1.0	mg/L	MCAWW 300.0A
Sulfate	67.2	1.0	mg/L	MCAWW 300.0A
Cyanide, Total	0.016	0.010	mg/L	SW846 9012A
GW-WTE1-031411-E 03/14/11 12:50 003				
Thallium	0.17 B	1.0	ug/L	SW846 6020
Manganese	0.49 B,J	15.0	ug/L	SW846 6010B
Potassium	148 B,J	5000	ug/L	SW846 6010B
Carbon disulfide	0.44 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C150533

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT119B-031411 03/14/11 14:38 004				
Aluminum	193	50.0	ug/L	SW846 6020
Arsenic	3.2	1.0	ug/L	SW846 6020
Antimony	0.20 B	2.0	ug/L	SW846 6020
Barium	93.8 B,J	200	ug/L	SW846 6010B
Calcium	169000 J	5000	ug/L	SW846 6010B
Chromium	3.1 B	10.0	ug/L	SW846 6010B
Cobalt	2.0 B	50.0	ug/L	SW846 6010B
Iron	2280	100	ug/L	SW846 6010B
Magnesium	73000 J	5000	ug/L	SW846 6010B
Manganese	203 J	15.0	ug/L	SW846 6010B
Potassium	13800 J	5000	ug/L	SW846 6010B
Sodium	81900	5000	ug/L	SW846 6010B
Vanadium	5.6 B,J	50.0	ug/L	SW846 6010B
Zinc	5.6 B,J	20.0	ug/L	SW846 6010B
Carbon disulfide	0.36 J	1.0	ug/L	SW846 8260B
Chloride	23.6	1.0	mg/L	MCAWW 300.0A
Sulfate	346	5.0	mg/L	MCAWW 300.0A
Bromide	0.76	0.50	mg/L	MCAWW 300.0A
Cyanide, Total	0.051	0.010	mg/L	SW846 9012A
GW-WT119B-031411-D 03/14/11 14:45 005				
Aluminum	199	50.0	ug/L	SW846 6020
Arsenic	2.8	1.0	ug/L	SW846 6020
Antimony	0.19 B	2.0	ug/L	SW846 6020
Barium	89.5 B,J	200	ug/L	SW846 6010B
Calcium	159000 J	5000	ug/L	SW846 6010B
Chromium	3.1 B	10.0	ug/L	SW846 6010B
Iron	2080	100	ug/L	SW846 6010B
Magnesium	67400 J	5000	ug/L	SW846 6010B
Manganese	191 J	15.0	ug/L	SW846 6010B
Potassium	12900 J	5000	ug/L	SW846 6010B
Sodium	75900	5000	ug/L	SW846 6010B
Vanadium	5.3 B,J	50.0	ug/L	SW846 6010B
Zinc	16.0 B,J	20.0	ug/L	SW846 6010B
4-Methylphenol	0.87 J	1.0	ug/L	SW846 8270C
Carbon disulfide	0.50 J	1.0	ug/L	SW846 8260B
Chloride	23.9	1.0	mg/L	MCAWW 300.0A
Sulfate	350	5.0	mg/L	MCAWW 300.0A
Bromide	0.82	0.50	mg/L	MCAWW 300.0A
Cyanide, Total	0.051	0.010	mg/L	SW846 9012A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C150533

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT116B-031411 03/14/11 15:53 006				
Barium	134 B,J	200	ug/L	SW846 6010B
Calcium	154000 J	5000	ug/L	SW846 6010B
Iron	3820	100	ug/L	SW846 6010B
Magnesium	14400 J	5000	ug/L	SW846 6010B
Manganese	121 J	15.0	ug/L	SW846 6010B
Potassium	5630 J	5000	ug/L	SW846 6010B
Sodium	22600	5000	ug/L	SW846 6010B
Zinc	5.6 B,J	20.0	ug/L	SW846 6010B
Carbon disulfide	0.38 J	1.0	ug/L	SW846 8260B
Chloroethane	1.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.24 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.39 J	1.0	ug/L	SW846 8260B
Chloride	37.2	1.0	mg/L	MCAWW 300.0A
Sulfate	161	1.0	mg/L	MCAWW 300.0A
GW-WT116A-031411 03/14/11 16:43 007				
Arsenic	2.5	1.0	ug/L	SW846 6020
Antimony	1.6 B	2.0	ug/L	SW846 6020
Barium	42.3 B,J	200	ug/L	SW846 6010B
Calcium	561000 J	25000	ug/L	SW846 6010B
Cobalt	3.7 B	50.0	ug/L	SW846 6010B
Copper	28.5	25.0	ug/L	SW846 6010B
Iron	1550	100	ug/L	SW846 6010B
Magnesium	52400 J	5000	ug/L	SW846 6010B
Manganese	565 J	15.0	ug/L	SW846 6010B
Nickel	13.1 B	40.0	ug/L	SW846 6010B
Potassium	13200 J	5000	ug/L	SW846 6010B
Sodium	141000	5000	ug/L	SW846 6010B
Vanadium	1.5 B,J	50.0	ug/L	SW846 6010B
Zinc	296 J	20.0	ug/L	SW846 6010B
Benzene	1.4	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	2.0	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.32 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.59 J	1.0	ug/L	SW846 8260B
Chloride	14.2	1.0	mg/L	MCAWW 300.0A
Sulfate	1260	10.0	mg/L	MCAWW 300.0A
Bromide	1.4	0.50	mg/L	MCAWW 300.0A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C150533

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1C150533

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFNLL	001	GW-WTE3-031411	03/14/11	11:42
MFNLN	002	GW-WTE1-031411	03/14/11	12:27
MFNLP	003	GW-WTE1-031411-E	03/14/11	12:50
MFNLQ	004	GW-WT119B-031411	03/14/11	14:38
MFNLR	005	GW-WT119B-031411-D	03/14/11	14:45
MFNLV	006	GW-WT116B-031411	03/14/11	15:53
MFNLW	007	GW-WT116A-031411	03/14/11	16:43
MFNLX	008	TRIP BLANK-031411-005	03/14/11	11:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 396II-40

PROJECT NAME: Hamco

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	Metals	Cyanide	Bromide, Chloride, Sulfate	SVOCs	REMARKS
1	3/14/11	1142	GW-WTE3-031411	Water	6	X	X	X	X	X	
2		1227	GW-WTE1-031411		6	X	X	X	X	X	
3		1250	GW-WTE1-031411-E		6	X	X	X	X	X	
4		1438	GW-WT119B-031411		6	X	X	X	X	X	
5		1445	GW-WT119B-031411-D		6	X	X	X	X	X	
6		1553	GW-WT116B-031411		8	X	X	X	X	X	X
7		1643	GW-WT116A-031411		8	X	X	X	X	X	X
8	3/14/11	1150	TRIP BLANK-031411-005	Water	1	X					

TOTAL NUMBER OF CONTAINERS 47

RELINQUISHED BY: (1) _____	DATE: 3/14/11 TIME: 1730	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4169

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn M. Tiller

RECEIVED FOR LABORATORY BY: _____ DATE: 3-15-11 TIME: 0940

2390

North Canton

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Conger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/14/11	1142	GW-WTF3-031411	Water	2	X	
2		1227	GW-WTE1-031411		2	X	
3		1250	GW-WTE1-031411-E		2	X	
4		1438	GW-WT119B-031411		2	X	
5	3/14/11	1445	GW-WT119B-031411-D	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		10		

RELINQUISHED BY: (1) _____	DATE: 3/14/11 TIME: 1730	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4169

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Conger, Shawn Mills

RECEIVED FOR LABORATORY BY: _____

DATE: 3-15-11 TIME: 0940

2391

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: ~~ALC505~~ 33

Client CRA Project _____ By: _____
Cooler Received on 3-15-11 Opened on 3-15-11 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 4 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
1142	<2 712	3.15.11	
1227	<2 712		
1250	<2 712		
1438	<2 712		
1445	<2 712		
1553	<2 712		
1643	<2 712		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
Not	1.5	IR	Ice
Client cooler	3.6	+	I

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-001 **Work Order #...:** MFNLL1AA **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**1.2 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	**0.60 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**0.33 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**1.1**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-001 **Work Order #...:** MFNLL1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.25 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
Toluene-d8	100	(74 - 115)
4-Bromofluorobenzene	90	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-002 **Work Order #...:** MFNLN1AL **Matrix.....:** WG
Date Sampled...: 03/14/11 12:27 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**1.1**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-002 **Work Order #...:** MFNLN1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.25 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	98	(63 - 129)
Toluene-d8	99	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

GC/MS Volatiles

Lot-Sample #...: A1C150533-003 **Work Order #...:** MFNLP1AL **Matrix.....:** WG
Date Sampled...: 03/14/11 12:50 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.44 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

GC/MS Volatiles

Lot-Sample #...: A1C150533-003 **Work Order #...:** MFNLP1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	96	(63 - 129)
Toluene-d8	103	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-004 **Work Order #...:** MFNLQ1AL **Matrix.....:** WG
Date Sampled...: 03/14/11 14:38 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.36 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-004 **Work Order #...:** MFNLQ1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	98	(63 - 129)
Toluene-d8	99	(74 - 115)
4-Bromofluorobenzene	91	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

GC/MS Volatiles

Lot-Sample #...: A1C150533-005 **Work Order #...:** MFNLR1AL **Matrix.....:** WG
Date Sampled...: 03/14/11 14:45 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.50 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

GC/MS Volatiles

Lot-Sample #...: A1C150533-005 **Work Order #...:** MFNLR1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	97	(63 - 129)
Toluene-d8	100	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-006 **Work Order #...:** MFNLV1AL **Matrix.....:** WG
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.38 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**1.1**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.24 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-006 **Work Order #...:** MFNLV1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.39 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	98	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-007 **Work Order #...:** MFNLW1AL **Matrix.....:** WG
Date Sampled...: 03/14/11 16:43 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	**1.4**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**2.0**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.32 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

GC/MS Volatiles

Lot-Sample #...: A1C150533-007 **Work Order #...:** MFNLW1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	**0.59 J**	**1.0**	**ug/L**	**0.17**
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	96	(74 - 115)
4-Bromofluorobenzene	92	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031411-005

GC/MS Volatiles

Lot-Sample #...: A1C150533-008 **Work Order #...:** MFNLX1AA **Matrix.....:** WQ
Date Sampled...: 03/14/11 11:50 **Date Received..:** 03/15/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031411-005

GC/MS Volatiles

Lot-Sample #...: A1C150533-008 **Work Order #...:** MFNLX1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	100	(74 - 115)
4-Bromofluorobenzene	89	(66 - 117)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C150533 **Work Order #...:** MF1CR1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C220000-180

Prep Date.....: 03/21/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/21/11 **Prep Batch #...:** 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C150533 **Work Order #...:** MF1CR1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.41 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	101	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C150533 **Work Order #...:** MF1CR1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C220000-180
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**103**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**93**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**101**	**(78 - 131)**	**SW846 8260B**
Toluene	**101**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**106**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	103	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C150533 **Work Order #...:** MF1CR1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C220000-180
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**10**	**ug/L**	**103**	**SW846 8260B**
Chlorobenzene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**
1,1-Dichloroethene	**10**	**10**	**ug/L**	**101**	**SW846 8260B**
Toluene	**10**	**10**	**ug/L**	**101**	**SW846 8260B**
Trichloroethene	**10**	**11**	**ug/L**	**106**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	103	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C150533 **Work Order #...:** MFP3C1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C160527-002 MFP3C1AD-MSD
Date Sampled...: 03/15/11 12:30 **Date Received..:** 03/16/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**107**	**(72 - 121)**			**SW846 8260B**
	106	**(72 - 121)**	**0.69**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 110)**			**SW846 8260B**
	94	**(80 - 110)**	**0.42**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**101**	**(74 - 135)**			**SW846 8260B**
	100	**(74 - 135)**	**1.5**	**(0-30)**	**SW846 8260B**
Toluene	**102**	**(78 - 114)**			**SW846 8260B**
	101	**(78 - 114)**	**0.94**	**(0-30)**	**SW846 8260B**
Trichloroethene	**105**	**(66 - 120)**			**SW846 8260B**
	105	**(66 - 120)**	**0.08**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	100	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
	101	(63 - 129)
Toluene-d8	103	(74 - 115)
	103	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)
	95	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C150533 **Work Order #...:** MFP3C1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C160527-002 MFP3C1AD-MSD
Date Sampled...: 03/15/11 12:30 **Date Received..:** 03/16/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1081180
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**11**	**ug/L**	**107**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**106**	**0.69**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**0.42**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**1.5**	**SW846 8260B**
Toluene	**ND**	**10**	**10**	**ug/L**	**102**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**0.94**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**11**	**ug/L**	**105**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**105**	**0.08**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	100	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
	101	(63 - 129)
Toluene-d8	103	(74 - 115)
	103	(74 - 115)
4-Bromofluorobenzene	97	(66 - 117)
	95	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-001 **Work Order #...:** MFNLL1AC **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-001 **Work Order #...:** MFNLL1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-001 **Work Order #...:** MFNLL1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	59	(37 - 119)
Phenol-d5	54	(10 - 110)
2-Fluorophenol	54	(10 - 110)
2,4,6-Tribromophenol	58	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-002 **Work Order #...:** MFNLN1AM **Matrix.....:** WG
Date Sampled...: 03/14/11 12:27 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 970 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-002 **Work Order #...:** MFNLN1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-002 **Work Order #...:** MFNLN1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	56	(10 - 110)
2,4,6-Tribromophenol	59	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-003 **Work Order #...:** MFNLP1AM **Matrix.....:** WG
Date Sampled...: 03/14/11 12:50 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 930 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-003 **Work Order #...:** MFNLP1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-003 **Work Order #...:** MFNLP1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	61	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	11 *	(22 - 120)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-004 **Work Order #...:** MFNLQ1AM **Matrix.....:** WG
Date Sampled...: 03/14/11 14:38 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 1030 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-004 **Work Order #...:** MFNLQ1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-004 **Work Order #...:** MFNLQ1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	45	(37 - 119)
Phenol-d5	53	(10 - 110)
2-Fluorophenol	49	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-005 **Work Order #...:** MFNLR1AM **Matrix.....:** WG
Date Sampled...: 03/14/11 14:45 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 1030 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-005 **Work Order #...:** MFNLR1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	**0.87 J**	**1.0**	**ug/L**	**0.80**
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-005 **Work Order #...:** MFNLR1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	44	(37 - 119)
Phenol-d5	63	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-006 **Work Order #...:** MFNLV1AM **Matrix.....:** WG
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-006 **Work Order #...:** MFNLV1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-006 **Work Order #...:** MFNLV1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
Terphenyl-d14	64	(37 - 119)
Phenol-d5	62	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-007 **Work Order #...:** MFNLW1AM **Matrix.....:** WG
Date Sampled...: 03/14/11 16:43 **Date Received..:** 03/15/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 1030 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-007 **Work Order #...:** MFNLW1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

GC/MS Semivolatiles

Lot-Sample #...: A1C150533-007 **Work Order #...:** MFNLW1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	46	(37 - 119)
Phenol-d5	58	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	59	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C150533 **Work Order #...:** MFN5P1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C160000-044

Prep Date.....: 03/16/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/28/11 **Prep Batch #...:** 1075044
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C150533 **Work Order #...:** MFN5P1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	77	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	55	(10 - 110)
2,4,6-Tribromophenol	53	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C150533 **Work Order #...:** MFN5P1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C150533 **Work Order #...:** MFN5P1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-044
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**66**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**65**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**68**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**70**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**73**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**70**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**70**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**63**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**71**	**(26 - 110)**	**SW846 8270C**
Phenol	**72**	**(14 - 112)**	**SW846 8270C**
Pyrene	**67**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	76	(37 - 119)
Phenol-d5	69	(10 - 110)
2-Fluorophenol	71	(10 - 110)
2,4,6-Tribromophenol	72	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C150533 **Work Order #...:** MFN5P1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-044
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075044
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
2-Chlorophenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
4-Nitrophenol	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**13**	**ug/L**	**63**	**SW846 8270C**
Pentachlorophenol	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
Phenol	**20**	**14**	**ug/L**	**72**	**SW846 8270C**
Pyrene	**20**	**13**	**ug/L**	**67**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	76	(37 - 119)
Phenol-d5	69	(10 - 110)
2-Fluorophenol	71	(10 - 110)
2,4,6-Tribromophenol	72	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

TOTAL Metals

Lot-Sample #...: A1C150533-001 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	ND	50.0	ug/L	SW846 6020	03/16-03/22/11	MFNLL1A0
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.0**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLL1A1**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AV
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/16-03/22/11	MFNLL1A2
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.20 B**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLL1A3**
		Dilution Factor: 1		Analysis Time..: 21:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AW
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**54.6 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AD**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AX
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AE
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**64800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AF**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

TOTAL Metals

Lot-Sample #...: A1C150533-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AG
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AH
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AJ
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1230**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AK**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**23800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AL**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**28.5 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AM**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AN
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2120 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AP**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AQ
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**12400**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AR**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

TOTAL Metals

Lot-Sample #...: A1C150533-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLL1AT
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**8.6 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLL1AU**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLL1A4
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

TOTAL Metals

Lot-Sample #...: A1C150533-002 **Matrix.....:** WG
Date Sampled...: 03/14/11 12:27 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	ND	50.0	ug/L	SW846 6020	03/16-03/22/11	MFNLN1AA
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.82 B**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLN1AC**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A6
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/16-03/22/11	MFNLN1AD
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.31 B**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLN1AE**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A7
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**48.7 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1AN**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A8
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1AP
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**108000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1AQ**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

TOTAL Metals

Lot-Sample #...: A1C150533-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1AR
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1AT
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1AU
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**168**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1AV**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**20400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1AW**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**117 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1AX**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A0
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**3240 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1A1**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A2
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**20100**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLN1A3**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

TOTAL Metals

Lot-Sample #...: A1C150533-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A4
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLN1A5
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLN1AF
		Dilution Factor: 1		Analysis Time..: 15:07	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

TOTAL Metals

Lot-Sample #...: A1C150533-003 **Matrix.....:** WG
Date Sampled...: 03/14/11 12:50 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	ND	50.0	ug/L	SW846 6020	03/16-03/22/11	MFNLP1AA
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFNLP1AC
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A6
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/16-03/22/11	MFNLP1AD
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.17 B**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLP1AE**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A7
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	ND	200	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AN
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A8
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AP
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	ND	5000	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AQ
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

TOTAL Metals

Lot-Sample #...: A1C150533-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AR
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AT
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AU
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AV
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	ND	5000	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1AW
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**0.49 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLP1AX**
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A0
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**148 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLP1A1**
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A2
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	ND	5000	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A3
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

TOTAL Metals

Lot-Sample #...: A1C150533-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A4
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLP1A5
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLP1AF
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

TOTAL Metals

Lot-Sample #...: A1C150533-004 **Matrix.....:** WG
Date Sampled...: 03/14/11 14:38 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	**193**	**50.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLQ1AA**
		Dilution Factor: 1		Analysis Time..: 21:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.2**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLQ1AC**
		Dilution Factor: 1		Analysis Time..: 21:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1A6
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.20 B**	**2.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLQ1AD**
		Dilution Factor: 1		Analysis Time..: 21:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFNLQ1AE
		Dilution Factor: 1		Analysis Time..: 21:49	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1A7
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**93.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AN**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1A8
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1AP
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**169000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AQ**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

TOTAL Metals

Lot-Sample #...: A1C150533-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AR**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**2.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AT**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1AU
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**2280**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AV**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**73000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AW**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**203 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1AX**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1A0
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**13800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1A1**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLQ1A2
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**81900**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1A3**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

TOTAL Metals

Lot-Sample #...: A1C150533-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**5.6 B,J**	**50.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1A4**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.6 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLQ1A5**
		Dilution Factor: 1		Analysis Time..: 10:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLQ1AF
		Dilution Factor: 1		Analysis Time..: 15:14	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

TOTAL Metals

Lot-Sample #...: A1C150533-005 **Matrix.....:** WG
Date Sampled...: 03/14/11 14:45 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	**199**	**50.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLR1AA**
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.8**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLR1AC**
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1A6
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**0.19 B**	**2.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLR1AD**
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFNLR1AE
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1A7
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**89.5 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1AN**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1A8
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1AP
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**159000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1AQ**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

TOTAL Metals

Lot-Sample #...: A1C150533-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1AR**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1AT
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1AU
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**2080**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1AV**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**67400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1AW**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**191 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1AX**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1A0
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**12900 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1A1**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLR1A2
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**75900**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1A3**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

TOTAL Metals

Lot-Sample #...: A1C150533-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**5.3 B,J**	**50.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1A4**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**16.0 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLR1A5**
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLR1AF
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

TOTAL Metals

Lot-Sample #...: A1C150533-006 **Matrix.....:** WG
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	ND	50.0	ug/L	SW846 6020	03/16-03/22/11	MFNLV1AA
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFNLV1AC
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1A6
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/16-03/22/11	MFNLV1AD
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFNLV1AE
		Dilution Factor: 1		Analysis Time..: 21:58	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1A7
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**134 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1AN**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1A8
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1AP
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**154000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1AQ**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

TOTAL Metals

Lot-Sample #...: A1C150533-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1AR
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1AT
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1AU
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3820**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1AV**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**14400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1AW**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**121 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1AX**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1A0
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**5630 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1A1**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1A2
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**22600**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1A3**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

TOTAL Metals

Lot-Sample #...: A1C150533-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLV1A4
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.6 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLV1A5**
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLV1AF
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

TOTAL Metals

Lot-Sample #...: A1C150533-007 **Matrix.....:** WG
Date Sampled...: 03/14/11 16:43 **Date Received..:** 03/15/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1075010						
Aluminum	ND	50.0	ug/L	SW846 6020	03/16-03/22/11	MFNLW1AA
		Dilution Factor: 1		Analysis Time..: 22:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.5**	**1.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLW1AC**
		Dilution Factor: 1		Analysis Time..: 22:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLW1A6
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	**1.6 B**	**2.0**	**ug/L**	**SW846 6020**	**03/16-03/22/11**	**MFNLW1AD**
		Dilution Factor: 1		Analysis Time..: 22:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFNLW1AE
		Dilution Factor: 1		Analysis Time..: 22:03	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLW1A7
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**42.3 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AN**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLW1A8
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLW1AP
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**561000 J**	**25000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AQ**
		Dilution Factor: 5		Analysis Time..: 14:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 650		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

TOTAL Metals

Lot-Sample #...: A1C150533-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLW1AR
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	**3.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AT**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	**28.5**	**25.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AU**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**1550**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AV**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**52400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AW**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**565 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1AX**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**13.1 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1A0**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**13200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1A1**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFNLW1A2
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**141000**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1A3**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

TOTAL Metals

Lot-Sample #...: A1C150533-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**1.5 B,J**	**50.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1A4**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**296 J**	**20.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFNLW1A5**
		Dilution Factor: 1		Analysis Time..: 10:46	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFNLW1AF
		Dilution Factor: 1		Analysis Time..: 15:04	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C160000-010 **Prep Batch #...:** 1075010						
Aluminum	ND	50.0	ug/L	SW846 6020	03/16-03/22/11	MFN311AW
		Dilution Factor: 1				
		Analysis Time..: 20:52	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/16-03/22/11	MFN311A0
		Dilution Factor: 1				
		Analysis Time..: 20:52	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFN311AX
		Dilution Factor: 1				
		Analysis Time..: 20:52	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AT
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	03/16-03/22/11	MFN311A1
		Dilution Factor: 1				
		Analysis Time..: 20:52	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AU
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.8 B**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AA**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AV
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AC
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**435 B**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AD**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AE
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AF
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AG
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	03/16-03/17/11	MFN311AH
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	**48.3 B**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AJ**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**0.99 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AK**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AL
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**176 B**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AM**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	03/16-03/17/11	MFN311AN
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	03/16-03/17/11	MFN311AP
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	**0.79 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AQ**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**10.4 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/16-03/17/11**	**MFN311AR**
		Dilution Factor: 1				
		Analysis Time..: 08:42	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	03/16-03/17/11	MFN311A2
		Dilution Factor: 1				
		Analysis Time..: 14:58	Analyst ID.....: 001637	Instrument ID..: H1		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C160000-010 **Prep Batch #...:** 1075010					
Cadmium	95	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CK
		Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Aluminum	96	(80 - 120)	SW846 6020	03/16-03/22/11	MFN311CN
		Dilution Factor: 1	Analysis Time..: 20:56	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	88	(80 - 120)	SW846 6020	03/16-03/22/11	MFN311CP
		Dilution Factor: 1	Analysis Time..: 20:56	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	93	(80 - 120)	SW846 6020	03/16-03/22/11	MFN311CQ
		Dilution Factor: 1	Analysis Time..: 20:56	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	89	(80 - 120)	SW846 6020	03/16-03/22/11	MFN311CR
		Dilution Factor: 1	Analysis Time..: 20:56	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	95	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CL
		Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	95	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A3
		Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	96	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CM
		Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	93	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A4
		Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	96	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A5
		Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	93	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A6
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	93	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A7
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	95	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A8
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	98	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311A9
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	96	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CA
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	95	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CC
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	94	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CD
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	99	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CE
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	93	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CF
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	96	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CG
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	93	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CH
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	100	(80 - 120)	SW846 6010B	03/16-03/17/11	MFN311CJ
	Dilution Factor: 1	Analysis Time..: 08:48	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	98	(81 - 123)	SW846 7470A	03/16-03/17/11	MFN311CT
	Dilution Factor: 1	Analysis Time..: 14:59	Analyst ID.....: 001637		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C160000-010 **Prep Batch #...:** 1075010							
Cadmium	50.0	47.4	ug/L	95	SW846 6010B	03/16-03/17/11	MFN311CK
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Aluminum	10000	9620	ug/L	96	SW846 6020	03/16-03/22/11	MFN311CN
			Dilution Factor: 1		Analysis Time..: 20:56	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	88.5	ug/L	88	SW846 6020	03/16-03/22/11	MFN311CP
			Dilution Factor: 1		Analysis Time..: 20:56	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	93.1	ug/L	93	SW846 6020	03/16-03/22/11	MFN311CQ
			Dilution Factor: 1		Analysis Time..: 20:56	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	89.4	ug/L	89	SW846 6020	03/16-03/22/11	MFN311CR
			Dilution Factor: 1		Analysis Time..: 20:56	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	475	ug/L	95	SW846 6010B	03/16-03/17/11	MFN311CL
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1900	ug/L	95	SW846 6010B	03/16-03/17/11	MFN311A3
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1930	ug/L	96	SW846 6010B	03/16-03/17/11	MFN311CM
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	46.5	ug/L	93	SW846 6010B	03/16-03/17/11	MFN311A4
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	47800	ug/L	96	SW846 6010B	03/16-03/17/11	MFN311A5
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	186	ug/L	93	SW846 6010B	03/16-03/17/11	MFN311A6
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Cobalt	500	466	ug/L	93	SW846 6010B	03/16-03/17/11	MFN311A7
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Copper	250	236	ug/L	95	SW846 6010B	03/16-03/17/11	MFN311A8
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Iron	1000	984	ug/L	98	SW846 6010B	03/16-03/17/11	MFN311A9
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Magnesium	50000	47900	ug/L	96	SW846 6010B	03/16-03/17/11	MFN311CA
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Manganese	500	474	ug/L	95	SW846 6010B	03/16-03/17/11	MFN311CC
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Nickel	500	469	ug/L	94	SW846 6010B	03/16-03/17/11	MFN311CD
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Potassium	50000	49400	ug/L	99	SW846 6010B	03/16-03/17/11	MFN311CE
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Silver	50.0	46.5	ug/L	93	SW846 6010B	03/16-03/17/11	MFN311CF
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Sodium	50000	48200	ug/L	96	SW846 6010B	03/16-03/17/11	MFN311CG
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	500	464	ug/L	93	SW846 6010B	03/16-03/17/11	MFN311CH
		Dilution Factor: 1			Analysis Time..: 08:48	Analyst ID.....: 001637	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	502	ug/L	100	SW846 6010B	03/16-03/17/11	MFN311CJ
			Dilution Factor: 1		Analysis Time..: 08:48	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	4.9	ug/L	98	SW846 7470A	03/16-03/17/11	MFN311CT
			Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 001637	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C150533-001 **Prep Batch #...:** 1075010							
Aluminum	101	(63 - 128)			SW846 6020	03/16-03/22/11	MFNLL1DG
	100	(63 - 128)	0.39	(0-20)	SW846 6020	03/16-03/22/11	MFNLL1DH
		Dilution Factor: 1					
		Analysis Time..: 21:13			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	98	(44 - 153)			SW846 6020	03/16-03/22/11	MFNLL1DL
	97	(44 - 153)	0.25	(0-20)	SW846 6020	03/16-03/22/11	MFNLL1DM
		Dilution Factor: 1					
		Analysis Time..: 21:13			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	91	(82 - 123)			SW846 6020	03/16-03/22/11	MFNLL1DJ
	90	(82 - 123)	0.55	(0-20)	SW846 6020	03/16-03/22/11	MFNLL1DK
		Dilution Factor: 1					
		Analysis Time..: 21:13			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	105	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1C9
	103	(75 - 125)	1.9	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1DA
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	96	(69 - 117)			SW846 6020	03/16-03/22/11	MFNLL1DN
	96	(69 - 117)	0.41	(0-20)	SW846 6020	03/16-03/22/11	MFNLL1DP
		Dilution Factor: 1					
		Analysis Time..: 21:13			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	106	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1DC
	104	(75 - 125)	1.5	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1DD
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	106	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1A9
	104	(75 - 125)	1.4	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CA
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	95	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1DE
	94	(75 - 125)	1.3	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1DF
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	103	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CC
	102	(75 - 125)	1.6	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CD
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	102	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CE
	97	(75 - 125)	2.0	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CF
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	103	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CG
	101	(75 - 125)	1.8	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CH
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	104	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CJ
	102	(75 - 125)	1.7	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CK
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	105	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CL
	104	(75 - 125)	1.5	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CM
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	109	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CN
	102	(75 - 125)	2.9	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CP
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	105	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CQ
	103	(75 - 125)	1.5	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CR
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	105	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CT
	103	(75 - 125)	1.7	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CU
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	104	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CV
	102	(75 - 125)	1.6	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1CW
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	110	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1CX
	109	(75 - 125)	0.68	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1C0
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	104	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1C1
	102	(75 - 125)	1.8	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1C2
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	105	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1C3
	104	(75 - 125)	1.4	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1C4
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	103	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1C5
	102	(75 - 125)	1.6	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1C6
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	108	(75 - 125)			SW846 6010B	03/16-03/17/11	MFNLL1C7
	107	(75 - 125)	1.2	(0-20)	SW846 6010B	03/16-03/17/11	MFNLL1C8
		Dilution Factor: 1					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	109	(69 - 134)			SW846 7470A	03/16-03/17/11	MFNLL1DQ
	99	(69 - 134)	9.5	(0-20)	SW846 7470A	03/16-03/17/11	MFNLL1DR
		Dilution Factor: 1					
		Analysis Time..: 15:02			Instrument ID..: H1	Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C150533-001 **Prep Batch #...:** 1075010									
Aluminum									
	ND	10000	10100	ug/L	101		SW846 6020	03/16-03/22/11	MFNLL1DG
	ND	10000	10000	ug/L	100	0.39	SW846 6020	03/16-03/22/11	MFNLL1DH
			Dilution Factor: 1						
			Analysis Time..: 21:13		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	ND	100	97.7	ug/L	98		SW846 6020	03/16-03/22/11	MFNLL1DL
	ND	100	97.4	ug/L	97	0.25	SW846 6020	03/16-03/22/11	MFNLL1DM
			Dilution Factor: 1						
			Analysis Time..: 21:13		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	1.0	100	92.0	ug/L	91		SW846 6020	03/16-03/22/11	MFNLL1DJ
	1.0	100	91.4	ug/L	90	0.55	SW846 6020	03/16-03/22/11	MFNLL1DK
			Dilution Factor: 1						
			Analysis Time..: 21:13		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	52.5	ug/L	105		SW846 6010B	03/16-03/17/11	MFNLL1C9
	ND	50.0	51.5	ug/L	103	1.9	SW846 6010B	03/16-03/17/11	MFNLL1DA
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	0.20	100	96.2	ug/L	96		SW846 6020	03/16-03/22/11	MFNLL1DN
	0.20	100	95.8	ug/L	96	0.41	SW846 6020	03/16-03/22/11	MFNLL1DP
			Dilution Factor: 1						
			Analysis Time..: 21:13		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	530	ug/L	106		SW846 6010B	03/16-03/17/11	MFNLL1DC
	ND	500	522	ug/L	104	1.5	SW846 6010B	03/16-03/17/11	MFNLL1DD
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	54.6	2000	2180	ug/L	106		SW846 6010B	03/16-03/17/11	MFNLL1A9
	54.6	2000	2140	ug/L	104	1.4	SW846 6010B	03/16-03/17/11	MFNLL1CA
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	1910	ug/L	95		SW846 6010B	03/16-03/17/11	MFNLL1DE
	ND	2000	1880	ug/L	94	1.3	SW846 6010B	03/16-03/17/11	MFNLL1DF
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		
Beryllium									
	ND	50.0	51.7	ug/L	103		SW846 6010B	03/16-03/17/11	MFNLL1CC
	ND	50.0	50.9	ug/L	102	1.6	SW846 6010B	03/16-03/17/11	MFNLL1CD
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		
Calcium									
	64800	50000	116000	ug/L	102		SW846 6010B	03/16-03/17/11	MFNLL1CE
	64800	50000	113000	ug/L	97	2.0	SW846 6010B	03/16-03/17/11	MFNLL1CF
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		
Chromium									
	ND	200	206	ug/L	103		SW846 6010B	03/16-03/17/11	MFNLL1CG
	ND	200	203	ug/L	101	1.8	SW846 6010B	03/16-03/17/11	MFNLL1CH
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		
Cobalt									
	ND	500	519	ug/L	104		SW846 6010B	03/16-03/17/11	MFNLL1CJ
	ND	500	510	ug/L	102	1.7	SW846 6010B	03/16-03/17/11	MFNLL1CK
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		
Copper									
	ND	250	263	ug/L	105		SW846 6010B	03/16-03/17/11	MFNLL1CL
	ND	250	259	ug/L	104	1.5	SW846 6010B	03/16-03/17/11	MFNLL1CM
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		
Iron									
	1230	1000	2320	ug/L	109		SW846 6010B	03/16-03/17/11	MFNLL1CN
	1230	1000	2250	ug/L	102	2.9	SW846 6010B	03/16-03/17/11	MFNLL1CP
			Dilution Factor: 1						
			Analysis Time..: 10:02	Instrument ID..: I6			Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	23800	50000	76300	ug/L	105		SW846 6010B	03/16-03/17/11	MFNLL1CQ
	23800	50000	75200	ug/L	103	1.5	SW846 6010B	03/16-03/17/11	MFNLL1CR
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	28.5	500	554	ug/L	105		SW846 6010B	03/16-03/17/11	MFNLL1CT
	28.5	500	545	ug/L	103	1.7	SW846 6010B	03/16-03/17/11	MFNLL1CU
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	ND	500	520	ug/L	104		SW846 6010B	03/16-03/17/11	MFNLL1CV
	ND	500	511	ug/L	102	1.6	SW846 6010B	03/16-03/17/11	MFNLL1CW
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	2120	50000	57000	ug/L	110		SW846 6010B	03/16-03/17/11	MFNLL1CX
	2120	50000	56600	ug/L	109	0.68	SW846 6010B	03/16-03/17/11	MFNLL1C0
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	52.0	ug/L	104		SW846 6010B	03/16-03/17/11	MFNLL1C1
	ND	50.0	51.1	ug/L	102	1.8	SW846 6010B	03/16-03/17/11	MFNLL1C2
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	12400	50000	65200	ug/L	105		SW846 6010B	03/16-03/17/11	MFNLL1C3
	12400	50000	64300	ug/L	104	1.4	SW846 6010B	03/16-03/17/11	MFNLL1C4
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	517	ug/L	103		SW846 6010B	03/16-03/17/11	MFNLL1C5
	ND	500	508	ug/L	102	1.6	SW846 6010B	03/16-03/17/11	MFNLL1C6
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	8.6	500	549	ug/L	108		SW846 6010B	03/16-03/17/11	MFNLL1C7
	8.6	500	543	ug/L	107	1.2	SW846 6010B	03/16-03/17/11	MFNLL1C8
			Dilution Factor: 1						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.1	ug/L	109		SW846 7470A	03/16-03/17/11	MFNLL1DQ
	ND	1.0	0.99	ug/L	99	9.5	SW846 7470A	03/16-03/17/11	MFNLL1DR
			Dilution Factor: 1						
			Analysis Time..: 15:02		Instrument ID..: H1			Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE3-031411

General Chemistry

Lot-Sample #...: A1C150533-001 **Work Order #...:** MFNLL **Matrix.....:** WG
Date Sampled...: 03/14/11 11:42 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.13 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**6.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.038**	**0.010**	**mg/L**	**SW846 9012A**	**03/17/11**	**1076297**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**6.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/18/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411

General Chemistry

Lot-Sample #...: A1C150533-002 **Work Order #...:** MFNLN **Matrix.....:** WG
Date Sampled...: 03/14/11 12:27 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/19/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**35.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.016**	**0.010**	**mg/L**	**SW846 9012A**	**03/17/11**	**1076297**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**67.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTE1-031411-E

General Chemistry

Lot-Sample #...: A1C150533-003 **Work Order #...:** MFNLP **Matrix.....:** WG
Date Sampled...: 03/14/11 12:50 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/19/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	ND	1.0	mg/L	MCAWW 300.0A	03/19/11	1080156
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	03/19/11	1080166
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411

General Chemistry

Lot-Sample #...: A1C150533-004 **Work Order #...:** MFNLQ **Matrix.....:** WG
Date Sampled...: 03/14/11 14:38 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.76**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**23.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.051**	**0.010**	**mg/L**	**SW846 9012A**	**03/17/11**	**1076297**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**346**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080166**
		Dilution Factor: 5		MDL.....: 0.60		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT119B-031411-D

General Chemistry

Lot-Sample #...: A1C150533-005 **Work Order #...:** MFNLR **Matrix.....:** WG
Date Sampled...: 03/14/11 14:45 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.82**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**23.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.051**	**0.010**	**mg/L**	**SW846 9012A**	**03/17/11**	**1076297**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**350**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080166**
		Dilution Factor: 5		MDL.....: 0.60		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116B-031411

General Chemistry

Lot-Sample #...: A1C150533-006 **Work Order #...:** MFNLV **Matrix.....:** WG
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/19/11	1080159
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**37.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**161**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080166**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT116A-031411

General Chemistry

Lot-Sample #...: A1C150533-007 **Work Order #...:** MFNLW **Matrix.....:** WG
Date Sampled...: 03/14/11 16:43 **Date Received..:** 03/15/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**1.4**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080159**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**14.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080156**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**1260**	**10.0**	**mg/L**	**MCAWW 300.0A**	**03/19/11**	**1080166**
		Dilution Factor: 10		MDL.....: 1.2		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MFX9J1AA		MB Lot-Sample #:	A1C210000-159	
	ND	0.50	mg/L	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1				
Chloride		Work Order #: MFX871AA		MB Lot-Sample #:	A1C210000-156	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFR8C1AA		MB Lot-Sample #:	A1C170000-297	
	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1				
Sulfate		Work Order #: MFX9W1AA		MB Lot-Sample #:	A1C210000-166	
	ND	1.0	mg/L	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C150533 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFX9J1AC-LCS/MFX9J1AD-LCSD LCS Lot-Sample#: A1C210000-159					
	97	(90 - 110)			MCAWW 300.0A	03/18/11	1080159
	98	(90 - 110)	1.0	(0-20)	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1					
Chloride		WO#:MFX871AC-LCS/MFX871AD-LCSD LCS Lot-Sample#: A1C210000-156					
	100	(90 - 110)			MCAWW 300.0A	03/18/11	1080156
	100	(90 - 110)	0.14	(0-20)	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1					
Sulfate		WO#:MFX9W1AC-LCS/MFX9W1AD-LCSD LCS Lot-Sample#: A1C210000-166					
	95	(90 - 110)			MCAWW 300.0A	03/18/11	1080166
	95	(90 - 110)	0.33	(0-20)	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C150533 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MFX9J1AC-LCS/MFX9J1AD-LCSD		LCS Lot-Sample#: A1C210000-159				
	10.0	9.7	mg/L	97		MCAWW 300.0A	03/18/11	1080159
	10.0	9.8	mg/L	98	1.0	MCAWW 300.0A	03/18/11	1080159
		Dilution Factor: 1						
Chloride		WO#:MFX871AC-LCS/MFX871AD-LCSD		LCS Lot-Sample#: A1C210000-156				
	50.0	50.0	mg/L	100		MCAWW 300.0A	03/18/11	1080156
	50.0	50.1	mg/L	100	0.14	MCAWW 300.0A	03/18/11	1080156
		Dilution Factor: 1						
Sulfate		WO#:MFX9W1AC-LCS/MFX9W1AD-LCSD		LCS Lot-Sample#: A1C210000-166				
	50.0	47.6	mg/L	95		MCAWW 300.0A	03/18/11	1080166
	50.0	47.4	mg/L	95	0.33	MCAWW 300.0A	03/18/11	1080166
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFR8C1AC	LCS Lot-Sample#: A1C170000-297		
	114	(69 - 118)	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MFR8C1AC				LCS Lot-Sample#: A1C170000-297		
	0.33	0.37	mg/L	114	SW846 9012A	03/17/11	1076297
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WATER
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MFPRF1A5-MS/MFPRF1A6-MSD				MS Lot-Sample #: A1C160476-003	
	94	(42 - 140)			SW846 9012A	03/17/11	1076297
	95	(42 - 140)	1.3	(0-20)	SW846 9012A	03/17/11	1076297

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WATER
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MFPRF1A5-MS/MFPRF1A6-MSD				MS Lot-Sample #: A1C160476-003		
	ND	0.040	0.038	mg/L	94		SW846 9012A	03/17/11	1076297
	ND	0.040	0.039	mg/L	95	1.3	SW846 9012A	03/17/11	1076297

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFNLV1CA		MS Lot-Sample #: A1C150533-006	
	117	(80 - 120)	MCAWW 300.0A	03/19/11	1080159
		Dilution Factor: 1			
Chloride		Work Order #...: MFNLV1A9		MS Lot-Sample #: A1C150533-006	
	141 N	(80 - 120)	MCAWW 300.0A	03/19/11	1080156
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C150533 **Matrix.....:** WG
Date Sampled...: 03/14/11 15:53 **Date Received..:** 03/15/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFNLV1CA			MS Lot-Sample #: A1C150533-006		
	ND	10.0	11.7	mg/L	117	MCAWW 300.0A	03/19/11	1080159
			Dilution Factor: 1					
Chloride			Work Order #...: MFNLV1A9			MS Lot-Sample #: A1C150533-006		
	37.2	50.0	108 N	mg/L	141	MCAWW 300.0A	03/19/11	1080156
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C160476

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
4/6/2011 3:43 PM

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April 06, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 12
Sample Summary 14
Shipping and Receiving Documents 16
GC/MS Volatile Data 22
GC/MS Semivolatile Data 51
Inorganic/Metals Data 82
General Chemistry Data 120

Total # of Pages in this Document 139

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C160476

The following report contains the analytical results for seven water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 16, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 29, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.9, 3.0 and 3.8°C.

See TestAmerica's Cooler Receipt Form for additional information.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) GW-WTB4-031511 had elevated reporting limits due to TICs.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP MS Form IX provided for batch(es) 1076013. The serial dilution was performed on a different sample from the same QC batch(es).

The CCV for batch 1076013 exceeded method criteria on the high side for Potassium. Since the sample results were below the requested reporting limit the results were accepted.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for GW-WT106A-031511 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 1076369 and 1081230 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C160476

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT121A-031511 03/15/11 08:53 001				
Aluminum	28.2 B	50.0	ug/L	SW846 6020
Arsenic	8.2	1.0	ug/L	SW846 6020
Barium	66.0 B,J	200	ug/L	SW846 6010B
Calcium	86200 J	5000	ug/L	SW846 6010B
Iron	3020	100	ug/L	SW846 6010B
Magnesium	19400	5000	ug/L	SW846 6010B
Manganese	72.9 J	15.0	ug/L	SW846 6010B
Potassium	2150 B,J	5000	ug/L	SW846 6010B
Sodium	48300	5000	ug/L	SW846 6010B
Acetophenone	0.59 J	1.0	ug/L	SW846 8270C
1,1-Dichloroethane	2.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.91 J	1.0	ug/L	SW846 8260B
Chloride	95.7	1.0	mg/L	MCAWW 300.0A
Sulfate	73.8	1.0	mg/L	MCAWW 300.0A
GW-WT121B-031511 03/15/11 09:55 002				
Arsenic	8.2	1.0	ug/L	SW846 6020
Barium	245 J	200	ug/L	SW846 6010B
Calcium	106000 J	5000	ug/L	SW846 6010B
Iron	4230	100	ug/L	SW846 6010B
Magnesium	51800	5000	ug/L	SW846 6010B
Manganese	43.8 J	15.0	ug/L	SW846 6010B
Potassium	5630 J	5000	ug/L	SW846 6010B
Sodium	56300	5000	ug/L	SW846 6010B
Zinc	6.3 B,J	20.0	ug/L	SW846 6010B
Acetophenone	1.7	1.0	ug/L	SW846 8270C
Phenanthrene	0.30	0.20	ug/L	SW846 8270C
Vinyl chloride	0.69 J	1.0	ug/L	SW846 8260B
Chloride	28.6	1.0	mg/L	MCAWW 300.0A
Sulfate	88.1	1.0	mg/L	MCAWW 300.0A
Bromide	1.3	0.50	mg/L	MCAWW 300.0A
GW-WT106A-031511 03/15/11 11:12 003				
Aluminum	20.9 B	50.0	ug/L	SW846 6020
Arsenic	2.0	1.0	ug/L	SW846 6020
Barium	44.0 B,J	200	ug/L	SW846 6010B
Calcium	125000 J	5000	ug/L	SW846 6010B
Iron	938	100	ug/L	SW846 6010B
Magnesium	16900	5000	ug/L	SW846 6010B
Manganese	498 J	15.0	ug/L	SW846 6010B
Nickel	8.1 B	40.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C160476

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT106A-031511 03/15/11 11:12 003				
Potassium	1840 B,J	5000	ug/L	SW846 6010B
Sodium	33700	5000	ug/L	SW846 6010B
Zinc	5.9 B,J	20.0	ug/L	SW846 6010B
1,1-Dichloroethane	1.4	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.50 J	1.0	ug/L	SW846 8260B
Chloride	55.4	1.0	mg/L	MCAWW 300.0A
Sulfate	116	1.0	mg/L	MCAWW 300.0A
GW-WT106B-031511 03/15/11 12:08 004				
Aluminum	130	50.0	ug/L	SW846 6020
Arsenic	10.2	1.0	ug/L	SW846 6020
Thallium	0.42 B	1.0	ug/L	SW846 6020
Barium	104 B,J	200	ug/L	SW846 6010B
Calcium	133000 J	5000	ug/L	SW846 6010B
Iron	5310	100	ug/L	SW846 6010B
Magnesium	57900	5000	ug/L	SW846 6010B
Manganese	52.6 J	15.0	ug/L	SW846 6010B
Potassium	4990 B,J	5000	ug/L	SW846 6010B
Sodium	34100	5000	ug/L	SW846 6010B
Zinc	10.7 B,J	20.0	ug/L	SW846 6010B
Carbon disulfide	1.8	1.0	ug/L	SW846 8260B
Chloroethane	2.8	1.0	ug/L	SW846 8260B
Vinyl chloride	0.83 J	1.0	ug/L	SW846 8260B
Chloride	24.8	1.0	mg/L	MCAWW 300.0A
Sulfate	201	10.0	mg/L	MCAWW 300.0A
Bromide	0.25 B	0.50	mg/L	MCAWW 300.0A
GW-WTB4-031511 03/15/11 13:51 005				
Thallium	0.19 B	1.0	ug/L	SW846 6020
Barium	50.2 B,J	200	ug/L	SW846 6010B
Calcium	60700 J	5000	ug/L	SW846 6010B
Iron	133	100	ug/L	SW846 6010B
Magnesium	20600	5000	ug/L	SW846 6010B
Manganese	195 J	15.0	ug/L	SW846 6010B
Potassium	858 B,J	5000	ug/L	SW846 6010B
Sodium	3940 B	5000	ug/L	SW846 6010B
2-Butanone	2.3 J	20	ug/L	SW846 8260B
Carbon disulfide	2.3	2.0	ug/L	SW846 8260B
Isopropylbenzene	0.89 J	2.0	ug/L	SW846 8260B
Vinyl chloride	1.1 J	2.0	ug/L	SW846 8260B
Chloride	34.9	1.0	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C160476

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WTB4-031511 03/15/11 13:51 005				
Sulfate	1.6	1.0	mg/L	MCAWW 300.0A
Cyanide, Total	0.0086 B	0.010	mg/L	SW846 9012A
GW-WTB3-031511 03/15/11 14:35 006				
Arsenic	4.7	1.0	ug/L	SW846 6020
Barium	74.9 B,J	200	ug/L	SW846 6010B
Calcium	78100 J	5000	ug/L	SW846 6010B
Iron	372	100	ug/L	SW846 6010B
Magnesium	20900	5000	ug/L	SW846 6010B
Manganese	258 J	15.0	ug/L	SW846 6010B
Potassium	1200 B,J	5000	ug/L	SW846 6010B
Sodium	13600	5000	ug/L	SW846 6010B
Isopropylbenzene	0.44 J	1.0	ug/L	SW846 8260B
Chloride	62.5	1.0	mg/L	MCAWW 300.0A
Sulfate	45.9	1.0	mg/L	MCAWW 300.0A
GW-WT103A-031511 03/15/11 15:53 007				
Arsenic	0.65 B	1.0	ug/L	SW846 6020
Barium	48.1 B,J	200	ug/L	SW846 6010B
Calcium	127000 J	5000	ug/L	SW846 6010B
Iron	635	100	ug/L	SW846 6010B
Magnesium	24300	5000	ug/L	SW846 6010B
Manganese	271 J	15.0	ug/L	SW846 6010B
Potassium	1670 B,J	5000	ug/L	SW846 6010B
Sodium	17200	5000	ug/L	SW846 6010B
Butyl benzyl phthalate	1.1 B	1.0	ug/L	SW846 8270C
Chloride	30.8	1.0	mg/L	MCAWW 300.0A
Sulfate	273	2.0	mg/L	MCAWW 300.0A
TRIP BLANK-031511-006 03/15/11 10:00 008				
Methylene chloride	0.34 J	1.0	ug/L	SW846 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C160476

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1C160476

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFPQ2	001	GW-WT121A-031511	03/15/11	08:53
MFPRA	002	GW-WT121B-031511	03/15/11	09:55
MFPRF	003	GW-WT106A-031511	03/15/11	11:12
MFPRM	004	GW-WT106B-031511	03/15/11	12:08
MFPRT	005	GW-WTB4-031511	03/15/11	13:51
MFPRX	006	GW-WTB3-031511	03/15/11	14:35
MFPR1	007	GW-WT103A-031511	03/15/11	15:53
MFPR2	008	TRIP BLANK-031511-006	03/15/11	10:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 39611-40

PROJECT NAME: HEMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Prangus

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOCs	Metals	Chloride	Bromide	Chloride	Sulfate					REMARKS
1	3/15/11	853	GW-WT121A-031511	Water	6	X	X	X	X	X	X					
2		955	GW-WT121B-031511		6	X	X	X	X	X	X					
3		1112	GW-WT106A-031511		15	X	X	X	X	X	X					MS/MSD
4		1208	GW-WT106B-031511		6	X	X	X	X	X	X					
5		1351	GW-WTB4-031511		6	[illegible]	X	X	X	X	X					
6		1435	GW-WTB3-031511		6	X	X	[illegible]	[illegible]	X	X					
7		1553	GW-WT103A-031511	Water	6	X	X	X	X	X	X					
8	3/15/11	1000	TRIPBLANK-031511-006	Water	1	X	X	X	X	X	X					
			TOTAL NUMBER OF CONTAINERS		52											

RELINQUISHED BY: ① [signature]	DATE: [illegible]/11 TIME: [illegible]	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 [illegible]

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Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prangus, Shawn Miller

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3/16/11 TIME: 930

2394

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 396U-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Ranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/15/11	1351	GW-WTB4-031511	Water	2	X	
2	3/15/11	1435	GW-WTB3-031511	Water	2	X	
3	3/15/11	1553	GW-WT103A-031511	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		6		

RELINQUISHED BY: (1) [signature]	DATE: 3/15/11 TIME: 1745	RECEIVED BY: (2)	DATE: TIME:
RELINQUISHED BY: (2)	DATE: TIME:	RECEIVED BY: (3)	DATE: TIME:
RELINQUISHED BY: (3)	DATE: TIME:	RECEIVED BY: (4)	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4155

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Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Ranger, Shawn M. Miller

RECEIVED FOR LABORATORY BY: [signature] DATE: 3/16/11 TIME: 930

2393

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 32611-90

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prangen

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/15/11	853	GW-WT12IA-031511	Water	2	X	
2		955	GW-WT12IB-031511		2	X	
3		1112	GW-WT106A-031511		4	X	MS/MSD
4	3/15/11	1208	GW-WT106B-031511	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		10		

RELINQUISHED BY: (1) _____	DATE: 3/15/11 TIME: 1715	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398-4158

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prangen, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 3/16/11 TIME: 930

2392

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A1C160466
North Canton Facility

Client CRA Project _____ By: [signature] (Signature)
Cooler Received on 3-16-11 Opened on 3-16-11
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 3 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____ BACK
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐ CSL
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☑
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM ALM Date 3-16-11 by AS via Verbal ☑ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) 1xL 103A SVOCS were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
121A	<2 >12	3/16/11	CSL
121B	<2 >12		
106A	<2 <2 >12 >12		
106B	<2 >12		
W+B4	<2 >12		
W+B3	<2 >12		
103A	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
A646	3.6	IR	Ice
A701	3.8	"	"
A574	2.9	"	"

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-001 **Work Order #...:** MFPQ21AA **Matrix.....:** WG
Date Sampled...: 03/15/11 08:53 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**2.1**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.91 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-001 **Work Order #...:** MFPQ21AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
1,2-Dichloroethane-d4	104	(63 - 129)
Toluene-d8	87	(74 - 115)
4-Bromofluorobenzene	76	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-002 **Work Order #...:** MFPRA1AL **Matrix.....:** WG
Date Sampled...: 03/15/11 09:55 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-002 **Work Order #...:** MFPRA1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.69 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(75 - 121)
1,2-Dichloroethane-d4	103	(63 - 129)
Toluene-d8	90	(74 - 115)
4-Bromofluorobenzene	78	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-003 **Work Order #...:** MFPRF1A7 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	**1.4**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.50 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-003 **Work Order #...:** MFPRF1A7 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(75 - 121)
1,2-Dichloroethane-d4	110	(63 - 129)
Toluene-d8	88	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-004 **Work Order #...:** MFPRM1AL **Matrix.....:** WG
Date Sampled...: 03/15/11 12:08 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**1.8**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	**2.8**	**1.0**	**ug/L**	**0.29**
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-004 **Work Order #...:** MFPRM1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	**0.83 J**	**1.0**	**ug/L**	**0.22**
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(75 - 121)
1,2-Dichloroethane-d4	101	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	75	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-005 **Work Order #...:** MFPRT1AL **Matrix.....:** WG
Date Sampled...: 03/15/11 13:51 **Date Received..:** 03/16/11
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 2 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/L	2.2
Benzene	ND	2.0	ug/L	0.26
Bromodichloromethane	ND	2.0	ug/L	0.30
Bromoform	ND	2.0	ug/L	1.3
Bromomethane	ND	2.0	ug/L	0.82
2-Butanone	**2.3 J**	**20**	**ug/L**	**1.1**
Carbon disulfide	**2.3**	**2.0**	**ug/L**	**0.26**
Carbon tetrachloride	ND	2.0	ug/L	0.26
Chlorobenzene	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.58
Chloroform	ND	2.0	ug/L	0.32
Chloromethane	ND	2.0	ug/L	0.60
Cyclohexane	ND	2.0	ug/L	0.24
Dibromochloromethane	ND	2.0	ug/L	0.36
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	1.3
1,2-Dibromoethane	ND	2.0	ug/L	0.48
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
1,3-Dichlorobenzene	ND	2.0	ug/L	0.28
1,4-Dichlorobenzene	ND	2.0	ug/L	0.26
Dichlorodifluoromethane	ND	2.0	ug/L	0.62
1,1-Dichloroethane	ND	2.0	ug/L	0.30
1,2-Dichloroethane	ND	2.0	ug/L	0.44
1,1-Dichloroethene	ND	2.0	ug/L	0.38
cis-1,2-Dichloroethene	ND	2.0	ug/L	0.34
trans-1,2-Dichloroethene	ND	2.0	ug/L	0.38
1,2-Dichloropropane	ND	2.0	ug/L	0.36
cis-1,3-Dichloropropene	ND	2.0	ug/L	0.28
trans-1,3-Dichloropropene	ND	2.0	ug/L	0.38
Ethylbenzene	ND	2.0	ug/L	0.34
2-Hexanone	ND	20	ug/L	0.82
Isopropylbenzene	**0.89 J**	**2.0**	**ug/L**	**0.26**
Methyl acetate	ND	20	ug/L	0.76
Methylene chloride	ND	2.0	ug/L	0.66
Methylcyclohexane	ND	2.0	ug/L	0.26
4-Methyl-2-pentanone	ND	20	ug/L	0.64
Methyl tert-butyl ether	ND	10	ug/L	0.34
Styrene	ND	2.0	ug/L	0.22

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-005 **Work Order #...:** MFPRT1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	0.36
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	ND	2.0	ug/L	0.26
1,2,4-Trichloro-benzene	ND	2.0	ug/L	0.30
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
1,1,2-Trichloroethane	ND	2.0	ug/L	0.54
Trichloroethene	ND	2.0	ug/L	0.34
Trichlorofluoromethane	ND	2.0	ug/L	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ug/L	0.56
Vinyl chloride	**1.1 J**	**2.0**	**ug/L**	**0.44**
Xylenes (total)	ND	4.0	ug/L	0.56

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	96	(74 - 115)
4-Bromofluorobenzene	74	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-006 **Work Order #...:** MFPRX1AL **Matrix.....:** WG
Date Sampled...: 03/15/11 14:35 **Date Received..:** 03/16/11
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	**0.44 J**	**1.0**	**ug/L**	**0.13**
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-006 **Work Order #...:** MFPRX1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	102	(63 - 129)
Toluene-d8	94	(74 - 115)
4-Bromofluorobenzene	75	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-007 **Work Order #...:** MFPR11AL **Matrix.....:** WG
Date Sampled...: 03/15/11 15:53 **Date Received..:** 03/16/11
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

GC/MS Volatiles

Lot-Sample #...: A1C160476-007 **Work Order #...:** MFPR11AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(75 - 121)
1,2-Dichloroethane-d4	105	(63 - 129)
Toluene-d8	93	(74 - 115)
4-Bromofluorobenzene	74	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031511-006

GC/MS Volatiles

Lot-Sample #...: A1C160476-008 **Work Order #...:** MFPR21AA **Matrix.....:** WQ
Date Sampled...: 03/15/11 10:00 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**0.34 J**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031511-006

GC/MS Volatiles

Lot-Sample #...: A1C160476-008 **Work Order #...:** MFPR21AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
1,2-Dichloroethane-d4	107	(63 - 129)
Toluene-d8	86	(74 - 115)
4-Bromofluorobenzene	78	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF0AT1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C210000-292

Prep Date.....: 03/19/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/19/11 **Prep Batch #...:** 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF0AT1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.21 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	99	(63 - 129)
Toluene-d8	89	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF11X1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C220000-313

Prep Date.....: 03/21/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/21/11 **Prep Batch #...:** 1081313
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.39 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF11X1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.19 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	100	(63 - 129)
Toluene-d8	91	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF0AT1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C210000-292
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**91**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**92**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**86**	**(78 - 131)**	**SW846 8260B**
Toluene	**97**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**97**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
1,2-Dichloroethane-d4	89	(63 - 129)
Toluene-d8	104	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF0AT1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C210000-292
Prep Date.....: 03/18/11 **Analysis Date..:** 03/18/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.1**	**ug/L**	**91**	**SW846 8260B**
Chlorobenzene	**10**	**9.2**	**ug/L**	**92**	**SW846 8260B**
1,1-Dichloroethene	**10**	**8.6**	**ug/L**	**86**	**SW846 8260B**
Toluene	**10**	**9.7**	**ug/L**	**97**	**SW846 8260B**
Trichloroethene	**10**	**9.7**	**ug/L**	**97**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
1,2-Dichloroethane-d4	89	(63 - 129)
Toluene-d8	104	(74 - 115)
4-Bromofluorobenzene	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF11X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C220000-313
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**96**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**98**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(78 - 131)**	**SW846 8260B**
Toluene	**101**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
Toluene-d8	105	(74 - 115)
4-Bromofluorobenzene	96	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MF11X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C220000-313
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.6**	**ug/L**	**96**	**SW846 8260B**
Chlorobenzene	**10**	**9.8**	**ug/L**	**98**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.4**	**ug/L**	**94**	**SW846 8260B**
Toluene	**10**	**10**	**ug/L**	**101**	**SW846 8260B**
Trichloroethene	**10**	**10**	**ug/L**	**100**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
Toluene-d8	105	(74 - 115)
4-Bromofluorobenzene	96	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MFPRF1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A1C160476-003 MFPRF1A9-MSD
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**91**	**(72 - 121)**			**SW846 8260B**
	94	**(72 - 121)**	**3.0**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**91**	**(80 - 110)**			**SW846 8260B**
	94	**(80 - 110)**	**3.0**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**90**	**(74 - 135)**			**SW846 8260B**
	90	**(74 - 135)**	**0.31**	**(0-30)**	**SW846 8260B**
Toluene	**92**	**(78 - 114)**			**SW846 8260B**
	94	**(78 - 114)**	**1.7**	**(0-30)**	**SW846 8260B**
Trichloroethene	**93**	**(66 - 120)**			**SW846 8260B**
	96	**(66 - 120)**	**3.2**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	101	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
	93	(63 - 129)
Toluene-d8	103	(74 - 115)
	102	(74 - 115)
4-Bromofluorobenzene	103	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MFPRF1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A1C160476-003 MFPRF1A9-MSD
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11
Prep Date.....: 03/19/11 **Analysis Date..:** 03/19/11
Prep Batch #...: 1080292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**3.0**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**3.0**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**0.31**	**SW846 8260B**
Toluene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**1.7**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.6**	**ug/L**	**96**	**3.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	101	(75 - 121)
1,2-Dichloroethane-d4	92	(63 - 129)
	93	(63 - 129)
Toluene-d8	103	(74 - 115)
	102	(74 - 115)
4-Bromofluorobenzene	103	(66 - 117)
	102	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MFKGG1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AD-MSD
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 5 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**100**	**(72 - 121)**			**SW846 8260B**
	98	**(72 - 121)**	**1.2**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**101**	**(80 - 110)**			**SW846 8260B**
	100	**(80 - 110)**	**1.3**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**101**	**(74 - 135)**			**SW846 8260B**
	100	**(74 - 135)**	**0.48**	**(0-30)**	**SW846 8260B**
Toluene	**106**	**(78 - 114)**			**SW846 8260B**
	105	**(78 - 114)**	**0.92**	**(0-30)**	**SW846 8260B**
Trichloroethene	**101**	**(66 - 120)**			**SW846 8260B**
	99	**(66 - 120)**	**1.0**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(75 - 121)
	95	(75 - 121)
1,2-Dichloroethane-d4	91	(63 - 129)
	92	(63 - 129)
Toluene-d8	106	(74 - 115)
	104	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)
	97	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C160476 **Work Order #...:** MFKGG1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C110606-001 MFKGG1AD-MSD
Date Sampled...: 03/09/11 09:30 **Date Received..:** 03/11/11
Prep Date.....: 03/21/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1081313
Dilution Factor: 5 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**50**	**50**	**ug/L**	**100**		**SW846 8260B**
	ND	**50**	**49**	**ug/L**	**98**	**1.2**	**SW846 8260B**
Chlorobenzene	**ND**	**50**	**51**	**ug/L**	**101**		**SW846 8260B**
	ND	**50**	**50**	**ug/L**	**100**	**1.3**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50**	**50**	**ug/L**	**101**		**SW846 8260B**
	ND	**50**	**50**	**ug/L**	**100**	**0.48**	**SW846 8260B**
Toluene	**ND**	**50**	**53**	**ug/L**	**106**		**SW846 8260B**
	ND	**50**	**52**	**ug/L**	**105**	**0.92**	**SW846 8260B**
Trichloroethene	**27**	**50**	**77**	**ug/L**	**101**		**SW846 8260B**
	27	**50**	**76**	**ug/L**	**99**	**1.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(75 - 121)
	95	(75 - 121)
1,2-Dichloroethane-d4	91	(63 - 129)
	92	(63 - 129)
Toluene-d8	106	(74 - 115)
	104	(74 - 115)
4-Bromofluorobenzene	99	(66 - 117)
	97	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-001 **Work Order #...:** MFPQ21AC **Matrix.....:** WG
Date Sampled...: 03/15/11 08:53 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**0.59 J**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-001 **Work Order #...:** MFPQ21AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-001 **Work Order #...:** MFPQ21AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	67	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	59	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-002 **Work Order #...:** MFPRA1AM **Matrix.....:** WG
Date Sampled...: 03/15/11 09:55 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 950 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**1.7**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-002 **Work Order #...:** MFPRA1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	**0.30**	**0.20**	**ug/L**	**0.10**
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-002 **Work Order #...:** MFPRA1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(27 - 111)
2-Fluorobiphenyl	51	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	60	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-003 **Work Order #...:** MFPRF1CA **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 900 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-003 **Work Order #...:** MFPRF1CA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-003 **Work Order #...:** MFPRF1CA **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(27 - 111)
2-Fluorobiphenyl	49	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	44	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-004 **Work Order #...:** MFPRM1AM **Matrix.....:** WG
Date Sampled...: 03/15/11 12:08 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 910 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-004 **Work Order #...:** MFPRM1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-004 **Work Order #...:** MFPRM1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	63	(37 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-005 **Work Order #...:** MFPRT1AM **Matrix.....:** WG
Date Sampled...: 03/15/11 13:51 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-005 **Work Order #...:** MFPRT1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-005 **Work Order #...:** MFPRT1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	13	(10 - 110)
2-Fluorophenol	23	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-006 **Work Order #...:** MFPRX1AM **Matrix.....:** WG
Date Sampled...: 03/15/11 14:35 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 1010 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-006 **Work Order #...:** MFPRX1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-006 **Work Order #...:** MFPRX1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	64	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-007 **Work Order #...:** MFPR11AM **Matrix.....:** WG
Date Sampled...: 03/15/11 15:53 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	**1.1 B**	**1.0**	**ug/L**	**0.80**
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-007 **Work Order #...:** MFPR11AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

GC/MS Semivolatiles

Lot-Sample #...: A1C160476-007 **Work Order #...:** MFPR11AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46	(27 - 111)
2-Fluorobiphenyl	47	(28 - 110)
Terphenyl-d14	68	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	28	(10 - 110)
2,4,6-Tribromophenol	50	(22 - 120)

NOTE(S):

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFP501AA **Matrix.....:** WATER
MB Lot-Sample #: A1C160000-255

Prep Date.....: 03/16/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/24/11 **Prep Batch #...:** 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	**0.91 J**	**1.0**	**ug/L**	**SW846 8270C**
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFP501AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	65	(37 - 119)
Phenol-d5	30	(10 - 110)
2-Fluorophenol	41	(10 - 110)
2,4,6-Tribromophenol	49	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFP501AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFP501AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-255
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**63**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**65**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**75**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**68**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**77**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**53**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**65**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**46**	**(26 - 110)**	**SW846 8270C**
Phenol	**46**	**(14 - 112)**	**SW846 8270C**
Pyrene	**71**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	79	(37 - 119)
Phenol-d5	45	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFP501AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C160000-255
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**13**	**ug/L**	**63**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**15**	**ug/L**	**75**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**77**	**SW846 8270C**
4-Nitrophenol	**20**	**11**	**ug/L**	**53**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
Pentachlorophenol	**20**	**9.1**	**ug/L**	**46**	**SW846 8270C**
Phenol	**20**	**9.2**	**ug/L**	**46**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**71**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	79	(37 - 119)
Phenol-d5	45	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFPRF1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C160476-003 MFPRF1D8-MSD
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 470 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**64**	**(36 - 110)**			**SW846 8270C**
	58	**(36 - 110)**	**10**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**58**	**(25 - 110)**			**SW846 8270C**
	52	**(25 - 110)**	**11**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**61**	**(17 - 110)**			**SW846 8270C**
	56	**(17 - 110)**	**9.4**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**68**	**(33 - 110)**			**SW846 8270C**
	64	**(33 - 110)**	**6.7**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**64**	**(26 - 110)**			**SW846 8270C**
	59	**(26 - 110)**	**8.5**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**68**	**(46 - 119)**			**SW846 8270C**
	61	**(46 - 119)**	**10**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**37**	**(13 - 127)**			**SW846 8270C**
	37	**(13 - 127)**	**1.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**61**	**(25 - 119)**			**SW846 8270C**
	59	**(25 - 119)**	**2.6**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**35**	**(23 - 110)**			**SW846 8270C**
	38	**(23 - 110)**	**6.6**	**(0-30)**	**SW846 8270C**
Phenol	**34**	**(16 - 110)**			**SW846 8270C**
	35	**(16 - 110)**	**2.0**	**(0-30)**	**SW846 8270C**
Pyrene	**63**	**(54 - 115)**			**SW846 8270C**
	58	**(54 - 115)**	**6.9**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
	54	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
	56	(28 - 110)
Terphenyl-d14	68	(37 - 119)
	65	(37 - 119)
Phenol-d5	33	(10 - 110)
	34	(10 - 110)
2-Fluorophenol	46	(10 - 110)
	45	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFPRF1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C160476-003 MFPRF1D8-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(22 - 120)
	52	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFPRF1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C160476-003 MFPRF1D8-MSD
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11
Prep Date.....: 03/16/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1075255
Dilution Factor: 1 **Initial Wgt/Vol:** 470 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**43**	**27**	**ug/L**	**64**		**SW846 8270C**
	ND	**43**	**25**	**ug/L**	**58**	**10**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**43**	**25**	**ug/L**	**58**		**SW846 8270C**
	ND	**43**	**22**	**ug/L**	**52**	**11**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**43**	**26**	**ug/L**	**61**		**SW846 8270C**
	ND	**43**	**24**	**ug/L**	**56**	**9.4**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**43**	**29**	**ug/L**	**68**		**SW846 8270C**
	ND	**43**	**27**	**ug/L**	**64**	**6.7**	**SW846 8270C**
2-Chlorophenol	**ND**	**43**	**27**	**ug/L**	**64**		**SW846 8270C**
	ND	**43**	**25**	**ug/L**	**59**	**8.5**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**43**	**29**	**ug/L**	**68**		**SW846 8270C**
	ND	**43**	**26**	**ug/L**	**61**	**10**	**SW846 8270C**
4-Nitrophenol	**ND**	**43**	**16**	**ug/L**	**37**		**SW846 8270C**
	ND	**43**	**16**	**ug/L**	**37**	**1.0**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**43**	**26**	**ug/L**	**61**		**SW846 8270C**
	ND	**43**	**25**	**ug/L**	**59**	**2.6**	**SW846 8270C**
Pentachlorophenol	**ND**	**43**	**15**	**ug/L**	**35**		**SW846 8270C**
	ND	**43**	**16**	**ug/L**	**38**	**6.6**	**SW846 8270C**
Phenol	**ND**	**43**	**15**	**ug/L**	**34**		**SW846 8270C**
	ND	**43**	**15**	**ug/L**	**35**	**2.0**	**SW846 8270C**
Pyrene	**ND**	**43**	**27**	**ug/L**	**63**		**SW846 8270C**
	ND	**43**	**25**	**ug/L**	**58**	**6.9**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
	54	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
	56	(28 - 110)
Terphenyl-d14	68	(37 - 119)
	65	(37 - 119)
Phenol-d5	33	(10 - 110)
	34	(10 - 110)
2-Fluorophenol	46	(10 - 110)
	45	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C160476 **Work Order #...:** MFPRF1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C160476-003 MFPRF1D8-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(22 - 120)
	52	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-001 **Matrix.....:** WG
Date Sampled...: 03/15/11 08:53 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	**28.2 B**	**50.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPQ21A0**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**8.2**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPQ21A1**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AV
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPQ21A2
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFPQ21A3
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AW
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**66.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AD**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AX
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AE
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**86200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AF**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AG
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AH
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AJ
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**3020**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AK**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**19400**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AL**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**72.9 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AM**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AN
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**2150 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AP**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AQ
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**48300**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPQ21AR**
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AT
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/17-03/18/11	MFPQ21AU
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPQ21A4
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

TOTAL Metals

Lot-Sample #...: A1C160476-002 **Matrix.....:** WG
Date Sampled...: 03/15/11 09:55 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/17-03/18/11	MFPRA1AA
		Dilution Factor: 1		Analysis Time..: 20:25	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**8.2**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRA1AC**
		Dilution Factor: 1		Analysis Time..: 20:25	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1A6
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPRA1AD
		Dilution Factor: 1		Analysis Time..: 20:25	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFPRA1AE
		Dilution Factor: 1		Analysis Time..: 20:25	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1A7
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**245 J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1AN**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1A8
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1AP
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**106000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1AQ**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

TOTAL Metals

Lot-Sample #...: A1C160476-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1AR
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1AT
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1AU
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**4230**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1AV**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**51800**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1AW**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**43.8 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1AX**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1A0
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**5630 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/21/11**	**MFPRA1A1**
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1A2
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**56300**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1A3**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

TOTAL Metals

Lot-Sample #...: A1C160476-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRA1A4
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**6.3 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRA1A5**
		Dilution Factor: 1		Analysis Time..: 10:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPRA1AF
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-003 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	**20.9 B**	**50.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRF1AA**
		Dilution Factor: 1		Analysis Time..: 20:30	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.0**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRF1AE**
		Dilution Factor: 1		Analysis Time..: 20:30	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1DW
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPRF1AH
		Dilution Factor: 1		Analysis Time..: 20:30	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFPRF1AL
		Dilution Factor: 1		Analysis Time..: 20:30	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1D1
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**44.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1CE**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1D4
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1CH
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**125000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1CL**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1CP
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1CT
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1CW
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**938**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1C1**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**16900**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1C4**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**498 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1C7**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	**8.1 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1DA**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1840 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1DE**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1DH
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**33700**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1DL**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRF1DP
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**5.9 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRF1DT**
		Dilution Factor: 1		Analysis Time..: 10:50	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPRF1AP
		Dilution Factor: 1		Analysis Time..: 16:11	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

TOTAL Metals

Lot-Sample #...: A1C160476-004 **Matrix.....:** WG
Date Sampled...: 03/15/11 12:08 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	**130**	**50.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRM1AA**
		Dilution Factor: 1		Analysis Time..: 21:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**10.2**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRM1AC**
		Dilution Factor: 1		Analysis Time..: 21:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1A6
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPRM1AD
		Dilution Factor: 1		Analysis Time..: 21:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.42 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRM1AE**
		Dilution Factor: 1		Analysis Time..: 21:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1A7
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**104 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1AN**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1A8
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1AP
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**133000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1AQ**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

TOTAL Metals

Lot-Sample #...: A1C160476-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1AR
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1AT
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1AU
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**5310**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1AV**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**57900**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1AW**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**52.6 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1AX**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1A0
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**4990 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/21/11**	**MFPRM1A1**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1A2
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**34100**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1A3**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

TOTAL Metals

Lot-Sample #...: A1C160476-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRM1A4
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**10.7 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRM1A5**
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPRM1AF
		Dilution Factor: 1		Analysis Time..: 16:25	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

TOTAL Metals

Lot-Sample #...: A1C160476-005 **Matrix.....:** WG
Date Sampled...: 03/15/11 13:51 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/17-03/18/11	MFPRT1AA
		Dilution Factor: 1		Analysis Time..: 21:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFPRT1AC
		Dilution Factor: 1		Analysis Time..: 21:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A6
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPRT1AD
		Dilution Factor: 1		Analysis Time..: 21:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.19 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRT1AE**
		Dilution Factor: 1		Analysis Time..: 21:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A7
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**50.2 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1AN**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A8
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1AP
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**60700 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1AQ**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

TOTAL Metals

Lot-Sample #...: A1C160476-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1AR
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1AT
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1AU
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**133**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1AV**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**20600**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1AW**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**195 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1AX**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A0
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**858 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1A1**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A2
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**3940 B**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRT1A3**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

TOTAL Metals

Lot-Sample #...: A1C160476-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A4
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRT1A5
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPRT1AF
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

TOTAL Metals

Lot-Sample #...: A1C160476-006 **Matrix.....:** WG
Date Sampled...: 03/15/11 14:35 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/17-03/18/11	MFPRX1AA
		Dilution Factor: 1		Analysis Time..: 21:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**4.7**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPRX1AC**
		Dilution Factor: 1		Analysis Time..: 21:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A6
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPRX1AD
		Dilution Factor: 1		Analysis Time..: 21:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFPRX1AE
		Dilution Factor: 1		Analysis Time..: 21:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A7
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**74.9 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1AN**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A8
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1AP
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**78100 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1AQ**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

TOTAL Metals

Lot-Sample #...: A1C160476-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1AR
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1AT
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1AU
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**372**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1AV**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**20900**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1AW**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**258 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1AX**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A0
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1200 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1A1**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A2
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**13600**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPRX1A3**
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

TOTAL Metals

Lot-Sample #...: A1C160476-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A4
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/17-03/18/11	MFPRX1A5
		Dilution Factor: 1		Analysis Time..: 11:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPRX1AF
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-007 **Matrix.....:** WG
Date Sampled...: 03/15/11 15:53 **Date Received..:** 03/16/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1076013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/17-03/18/11	MFPR11AA
		Dilution Factor: 1		Analysis Time..: 21:17	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.65 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/11**	**MFPR11AC**
		Dilution Factor: 1		Analysis Time..: 21:17	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A6
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFPR11AD
		Dilution Factor: 1		Analysis Time..: 21:17	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFPR11AE
		Dilution Factor: 1		Analysis Time..: 21:17	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A7
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Barium	**48.1 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11AN**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A8
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11AP
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**127000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11AQ**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11AR
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11AT
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11AU
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.5		
Iron	**635**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11AV**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Magnesium	**24300**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11AW**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**271 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11AX**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A0
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Potassium	**1670 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11A1**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A2
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Sodium	**17200**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFPR11A3**
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

TOTAL Metals

Lot-Sample #...: A1C160476-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A4
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/17-03/18/11	MFPR11A5
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFPR11AF
		Dilution Factor: 1		Analysis Time..: 16:29	Analyst ID.....: 001637	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C170000-013 **Prep Batch #...:** 1076013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/17-03/18/11	MFQX41AA
		Dilution Factor: 1				
		Analysis Time..: 18:50	Analyst ID.....: 002260		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/11	MFQX41AD
		Dilution Factor: 1				
		Analysis Time..: 18:50	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFQX41AC
		Dilution Factor: 1				
		Analysis Time..: 18:50	Analyst ID.....: 002260		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41A0
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	1.0	ug/L	SW846 6020	03/17-03/18/11	MFQX41AE
		Dilution Factor: 1				
		Analysis Time..: 18:50	Analyst ID.....: 002260		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41A1
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	**1.6 B**	**200**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFQX41AG**
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	5.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41A2
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AH
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**422 B**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFQX41AJ**
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AK
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AL
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Copper	ND	25.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AM
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Iron	ND	100	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AN
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	ND	5000	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AP
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**0.73 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFQX41AQ**
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	40.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AR
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	**151 B**	**5000**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFQX41AT**
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	10.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AU
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Sodium	ND	5000	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AV
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Vanadium	ND	50.0	ug/L	SW846 6010B	03/17-03/18/11	MFQX41AW
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	**13.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/17-03/18/11**	**MFQX41AX**
		Dilution Factor: 1				
		Analysis Time..: 10:07	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	03/17/11	MFQX41AF
		Dilution Factor: 1				
		Analysis Time..: 16:08	Analyst ID.....: 001637	Instrument ID..: H1		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C170000-013 **Prep Batch #...:** 1076013					
Aluminum	95	(80 - 120)	SW846 6020	03/17-03/18/11	MFQX41A3
		Dilution Factor: 1	Analysis Time..: 18:55	Analyst ID.....: 002260	
		Instrument ID..: I8			
Arsenic	90	(80 - 120)	SW846 6020	03/17-03/18/11	MFQX41A4
		Dilution Factor: 1	Analysis Time..: 18:55	Analyst ID.....: 002260	
		Instrument ID..: I8			
Antimony	93	(80 - 120)	SW846 6020	03/17-03/18/11	MFQX41A5
		Dilution Factor: 1	Analysis Time..: 18:55	Analyst ID.....: 002260	
		Instrument ID..: I8			
Thallium	88	(80 - 120)	SW846 6020	03/17-03/18/11	MFQX41A6
		Dilution Factor: 1	Analysis Time..: 18:55	Analyst ID.....: 002260	
		Instrument ID..: I8			
Cadmium	93	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CQ
		Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	93	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CR
		Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	94	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41A8
		Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	94	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CT
		Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	92	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41A9
		Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	93	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CA
		Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	91	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CC
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Cobalt	91	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CD
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Copper	91	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CE
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Iron	94	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CF
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Magnesium	93	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CG
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Manganese	93	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CH
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Nickel	93	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CJ
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	99	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CK
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Silver	91	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CL
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	94	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CM
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	90	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CN
	Dilution Factor: 1	Analysis Time..: 10:13	Analyst ID.....: 001637		
	Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	98	(80 - 120)	SW846 6010B	03/17-03/18/11	MFQX41CP
		Dilution Factor: 1	Analysis Time..: 10:13		Analyst ID.....: 001637
		Instrument ID..: I6			
Mercury	116	(81 - 123)	SW846 7470A	03/17/11	MFQX41A7
		Dilution Factor: 1	Analysis Time..: 16:09		Analyst ID.....: 001637
		Instrument ID..: H1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C170000-013 **Prep Batch #...:** 1076013							
Aluminum	10000	9540	ug/L	95	SW846 6020	03/17-03/18/11	MFQX41A3
			Dilution Factor: 1		Analysis Time..: 18:55	Analyst ID.....: 002260	
			Instrument ID..: I8				
Arsenic	100	89.8	ug/L	90	SW846 6020	03/17-03/18/11	MFQX41A4
			Dilution Factor: 1		Analysis Time..: 18:55	Analyst ID.....: 002260	
			Instrument ID..: I8				
Antimony	100	92.7	ug/L	93	SW846 6020	03/17-03/18/11	MFQX41A5
			Dilution Factor: 1		Analysis Time..: 18:55	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	100	88.4	ug/L	88	SW846 6020	03/17-03/18/11	MFQX41A6
			Dilution Factor: 1		Analysis Time..: 18:55	Analyst ID.....: 002260	
			Instrument ID..: I8				
Cadmium	50.0	46.5	ug/L	93	SW846 6010B	03/17-03/18/11	MFQX41CQ
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	500	464	ug/L	93	SW846 6010B	03/17-03/18/11	MFQX41CR
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1880	ug/L	94	SW846 6010B	03/17-03/18/11	MFQX41A8
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1890	ug/L	94	SW846 6010B	03/17-03/18/11	MFQX41CT
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	45.9	ug/L	92	SW846 6010B	03/17-03/18/11	MFQX41A9
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	46400	ug/L	93	SW846 6010B	03/17-03/18/11	MFQX41CA
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	181	ug/L	91	SW846 6010B	03/17-03/18/11	MFQX41CC
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	500	455	ug/L	91	SW846 6010B	03/17-03/18/11	MFQX41CD
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	250	228	ug/L	91	SW846 6010B	03/17-03/18/11	MFQX41CE
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	942	ug/L	94	SW846 6010B	03/17-03/18/11	MFQX41CF
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	50000	46400	ug/L	93	SW846 6010B	03/17-03/18/11	MFQX41CG
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	464	ug/L	93	SW846 6010B	03/17-03/18/11	MFQX41CH
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	463	ug/L	93	SW846 6010B	03/17-03/18/11	MFQX41CJ
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Potassium	50000	49500	ug/L	99	SW846 6010B	03/17-03/18/11	MFQX41CK
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Silver	50.0	45.6	ug/L	91	SW846 6010B	03/17-03/18/11	MFQX41CL
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	50000	47000	ug/L	94	SW846 6010B	03/17-03/18/11	MFQX41CM
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	451	ug/L	90	SW846 6010B	03/17-03/18/11	MFQX41CN
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	488	ug/L	98	SW846 6010B	03/17-03/18/11	MFQX41CP
			Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	5.8	ug/L	116	SW846 7470A	03/17/11	MFQX41A7
			Dilution Factor: 1		Analysis Time..: 16:09	Analyst ID.....: 001637	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C160476-003 **Prep Batch #...:** 1076013							
Aluminum	99	(63 - 128)			SW846 6020	03/17-03/18/11	MFPRF1AC
	102	(63 - 128)	2.7	(0-20)	SW846 6020	03/17-03/18/11	MFPRF1AD
		Dilution Factor: 1					
		Analysis Time..: 20:47			Instrument ID..: I8	Analyst ID.....: 002260	
Antimony	97	(44 - 153)			SW846 6020	03/17-03/18/11	MFPRF1AJ
	100	(44 - 153)	2.7	(0-20)	SW846 6020	03/17-03/18/11	MFPRF1AK
		Dilution Factor: 1					
		Analysis Time..: 20:47			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	90	(82 - 123)			SW846 6020	03/17-03/18/11	MFPRF1AF
	93	(82 - 123)	3.0	(0-20)	SW846 6020	03/17-03/18/11	MFPRF1AG
		Dilution Factor: 1					
		Analysis Time..: 20:47			Instrument ID..: I8	Analyst ID.....: 002260	
Cadmium	98	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DX
	97	(75 - 125)	1.3	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1D0
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	95	(69 - 117)			SW846 6020	03/17-03/18/11	MFPRF1AM
	98	(69 - 117)	3.0	(0-20)	SW846 6020	03/17-03/18/11	MFPRF1AN
		Dilution Factor: 1					
		Analysis Time..: 20:47			Instrument ID..: I8	Analyst ID.....: 002260	
Lead	100	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1D2
	98	(75 - 125)	1.1	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1D3
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	104	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1CF
	102	(75 - 125)	1.2	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1CG
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	102	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1D5
	101	(75 - 125)	1.6	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1D6
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	99	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1CJ
	98	(75 - 125)	1.1	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1CK
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	86	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1CM
	78	(75 - 125)	2.4	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1CN
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	98	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1CQ
	96	(75 - 125)	1.5	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1CR
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Cobalt	97	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1CU
	96	(75 - 125)	1.4	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1CV
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	100	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1CX
	99	(75 - 125)	1.2	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1C0
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	98	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1C2
	94	(75 - 125)	1.9	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1C3
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	98	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1C5
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1C6
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	97	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1C8
	92	(75 - 125)	2.6	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1C9
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	100	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DC
	99	(75 - 125)	0.94	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1DD
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	112	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DF
	111	(75 - 125)	0.98	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1DG
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Silver	99	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DJ
	98	(75 - 125)	1.2	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1DK
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Sodium	100	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DM
	97	(75 - 125)	1.6	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1DN
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Vanadium	97	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DQ
	95	(75 - 125)	1.5	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1DR
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	102	(75 - 125)			SW846 6010B	03/17-03/18/11	MFPRF1DU
	101	(75 - 125)	0.78	(0-20)	SW846 6010B	03/17-03/18/11	MFPRF1DV
		Dilution Factor: 1					
		Analysis Time..: 10:56			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	123	(69 - 134)			SW846 7470A	03/17/11	MFPRF1AQ
	113	(69 - 134)	8.1	(0-20)	SW846 7470A	03/17/11	MFPRF1AR
		Dilution Factor: 1					
		Analysis Time..: 16:12			Instrument ID..: H1	Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C160476-003 **Prep Batch #...:** 1076013									
Aluminum									
	20.9	10000	9970	ug/L	99		SW846 6020	03/17-03/18/11	MFPRF1AC
	20.9	10000	10200	ug/L	102	2.7	SW846 6020	03/17-03/18/11	MFPRF1AD
			Dilution Factor: 1						
			Analysis Time..: 20:47		Instrument ID..: I8			Analyst ID.....: 002260	
Antimony									
	ND	100	97.4	ug/L	97		SW846 6020	03/17-03/18/11	MFPRF1AJ
	ND	100	100	ug/L	100	2.7	SW846 6020	03/17-03/18/11	MFPRF1AK
			Dilution Factor: 1						
			Analysis Time..: 20:47		Instrument ID..: I8			Analyst ID.....: 002260	
Arsenic									
	2.0	100	92.5	ug/L	90		SW846 6020	03/17-03/18/11	MFPRF1AF
	2.0	100	95.4	ug/L	93	3.0	SW846 6020	03/17-03/18/11	MFPRF1AG
			Dilution Factor: 1						
			Analysis Time..: 20:47		Instrument ID..: I8			Analyst ID.....: 002260	
Cadmium									
	ND	50.0	49.1	ug/L	98		SW846 6010B	03/17-03/18/11	MFPRF1DX
	ND	50.0	48.5	ug/L	97	1.3	SW846 6010B	03/17-03/18/11	MFPRF1D0
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	94.6	ug/L	95		SW846 6020	03/17-03/18/11	MFPRF1AM
	ND	100	97.5	ug/L	98	3.0	SW846 6020	03/17-03/18/11	MFPRF1AN
			Dilution Factor: 1						
			Analysis Time..: 20:47		Instrument ID..: I8			Analyst ID.....: 002260	
Lead									
	ND	500	498	ug/L	100		SW846 6010B	03/17-03/18/11	MFPRF1D2
	ND	500	492	ug/L	98	1.1	SW846 6010B	03/17-03/18/11	MFPRF1D3
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	44.0	2000	2120	ug/L	104		SW846 6010B	03/17-03/18/11	MFPRF1CF
	44.0	2000	2090	ug/L	102	1.2	SW846 6010B	03/17-03/18/11	MFPRF1CG
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2040	ug/L	102		SW846 6010B	03/17-03/18/11	MFPRF1D5
	ND	2000	2010	ug/L	101	1.6	SW846 6010B	03/17-03/18/11	MFPRF1D6
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	ND	50.0	49.6	ug/L	99		SW846 6010B	03/17-03/18/11	MFPRF1CJ
	ND	50.0	49.0	ug/L	98	1.1	SW846 6010B	03/17-03/18/11	MFPRF1CK
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	125000	50000	168000	ug/L	86		SW846 6010B	03/17-03/18/11	MFPRF1CM
	125000	50000	164000	ug/L	78	2.4	SW846 6010B	03/17-03/18/11	MFPRF1CN
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Chromium									
	ND	200	196	ug/L	98		SW846 6010B	03/17-03/18/11	MFPRF1CQ
	ND	200	193	ug/L	96	1.5	SW846 6010B	03/17-03/18/11	MFPRF1CR
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Cobalt									
	ND	500	487	ug/L	97		SW846 6010B	03/17-03/18/11	MFPRF1CU
	ND	500	480	ug/L	96	1.4	SW846 6010B	03/17-03/18/11	MFPRF1CV
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	ND	250	250	ug/L	100		SW846 6010B	03/17-03/18/11	MFPRF1CX
	ND	250	247	ug/L	99	1.2	SW846 6010B	03/17-03/18/11	MFPRF1C0
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	938	1000	1910	ug/L	98		SW846 6010B	03/17-03/18/11	MFPRF1C2
	938	1000	1880	ug/L	94	1.9	SW846 6010B	03/17-03/18/11	MFPRF1C3
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	16900	50000	65900	ug/L	98		SW846 6010B	03/17-03/18/11	MFPRF1C5
	16900	50000	64700	ug/L	96	1.8	SW846 6010B	03/17-03/18/11	MFPRF1C6
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	498	500	983	ug/L	97		SW846 6010B	03/17-03/18/11	MFPRF1C8
	498	500	957	ug/L	92	2.6	SW846 6010B	03/17-03/18/11	MFPRF1C9
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Nickel									
	8.1	500	506	ug/L	100		SW846 6010B	03/17-03/18/11	MFPRF1DC
	8.1	500	501	ug/L	99	0.94	SW846 6010B	03/17-03/18/11	MFPRF1DD
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	1840	50000	57900	ug/L	112		SW846 6010B	03/17-03/18/11	MFPRF1DF
	1840	50000	57400	ug/L	111	0.98	SW846 6010B	03/17-03/18/11	MFPRF1DG
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	50.0	49.7	ug/L	99		SW846 6010B	03/17-03/18/11	MFPRF1DJ
	ND	50.0	49.1	ug/L	98	1.2	SW846 6010B	03/17-03/18/11	MFPRF1DK
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Sodium									
	33700	50000	83700	ug/L	100		SW846 6010B	03/17-03/18/11	MFPRF1DM
	33700	50000	82300	ug/L	97	1.6	SW846 6010B	03/17-03/18/11	MFPRF1DN
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Vanadium									
	ND	500	484	ug/L	97		SW846 6010B	03/17-03/18/11	MFPRF1DQ
	ND	500	476	ug/L	95	1.5	SW846 6010B	03/17-03/18/11	MFPRF1DR
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	5.9	500	516	ug/L	102		SW846 6010B	03/17-03/18/11	MFPRF1DU
	5.9	500	512	ug/L	101	0.78	SW846 6010B	03/17-03/18/11	MFPRF1DV
			Dilution Factor: 1						
			Analysis Time..: 10:56		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.2	ug/L	123		SW846 7470A	03/17/11	MFPRF1AQ
	ND	1.0	1.1	ug/L	113	8.1	SW846 7470A	03/17/11	MFPRF1AR
			Dilution Factor: 1						
			Analysis Time..: 16:12		Instrument ID..: H1			Analyst ID.....: 001637	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
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GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT121A-031511

General Chemistry

Lot-Sample #...: A1C160476-001 **Work Order #...:** MFPQ2 **Matrix.....:** WG
Date Sampled...: 03/15/11 08:53 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**95.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**73.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT121B-031511

General Chemistry

Lot-Sample #...: A1C160476-002 **Work Order #...:** MFPRA **Matrix.....:** WG
Date Sampled...: 03/15/11 09:55 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**1.3**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081234**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**28.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1077253
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**88.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106A-031511

General Chemistry

Lot-Sample #...: A1C160476-003 **Work Order #...:** MFPRF **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**55.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1082099**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**116**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1082107**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT106B-031511

General Chemistry

Lot-Sample #...: A1C160476-004 **Work Order #...:** MFPRM **Matrix.....:** WG
Date Sampled...: 03/15/11 12:08 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.25 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081234**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**24.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**201**	**10.0**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1082107**
		Dilution Factor: 10		MDL.....: 1.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB4-031511

General Chemistry

Lot-Sample #...: A1C160476-005 **Work Order #...:** MFPRT **Matrix.....:** WG
Date Sampled...: 03/15/11 13:51 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**34.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.0086 B**	**0.010**	**mg/L**	**SW846 9012A**	**03/17/11**	**1076297**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**1.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WTB3-031511

General Chemistry

Lot-Sample #...: A1C160476-006 **Work Order #...:** MFPRX **Matrix.....:** WG
Date Sampled...: 03/15/11 14:35 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**62.5**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**45.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-WT103A-031511

General Chemistry

Lot-Sample #...: A1C160476-007 **Work Order #...:** MFPR1 **Matrix.....:** WG
Date Sampled...: 03/15/11 15:53 **Date Received..:** 03/16/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**30.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**273**	**2.0**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1082107**
		Dilution Factor: 2		MDL.....: 0.24		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MF1Q11AA		MB Lot-Sample #:	A1C220000-234	
	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1				
Chloride		Work Order #: MF1QR1AA		MB Lot-Sample #:	A1C220000-230	
	ND	1.0	mg/L	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1				
Chloride		Work Order #: MF2A51AA		MB Lot-Sample #:	A1C230000-099	
	ND	1.0	mg/L	MCAWW 300.0A	03/22/11	1082099
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFR8C1AA		MB Lot-Sample #:	A1C170000-297	
	ND	0.010	mg/L	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MFV5D1AA		MB Lot-Sample #:	A1C180000-253	
	ND	0.010	mg/L	SW846 9012A	03/17/11	1077253
		Dilution Factor: 1				
Sulfate		Work Order #: MF1Q61AA		MB Lot-Sample #:	A1C220000-247	
	ND	1.0	mg/L	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1				
Sulfate		Work Order #: MF2A81AA		MB Lot-Sample #:	A1C230000-107	
	ND	1.0	mg/L	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C160476 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MF1Q11AC-LCS/MF1Q11AD-LCSD LCS Lot-Sample#: A1C220000-234					
	94	(90 - 110)			MCAWW 300.0A	03/21/11	1081234
	97	(90 - 110)	2.6	(0-20)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1					
Chloride		WO#:MF1QR1AC-LCS/MF1QR1AD-LCSD LCS Lot-Sample#: A1C220000-230					
	102	(90 - 110)			MCAWW 300.0A	03/21/11	1081230
	100	(90 - 110)	1.7	(0-20)	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1					
Chloride		WO#:MF2A51AC-LCS/MF2A51AD-LCSD LCS Lot-Sample#: A1C230000-099					
	100	(90 - 110)			MCAWW 300.0A	03/22/11	1082099
	101	(90 - 110)	0.09	(0-20)	MCAWW 300.0A	03/22/11	1082099
		Dilution Factor: 1					
Sulfate		WO#:MF1Q61AC-LCS/MF1Q61AD-LCSD LCS Lot-Sample#: A1C220000-247					
	98	(90 - 110)			MCAWW 300.0A	03/21/11	1081247
	99	(90 - 110)	0.30	(0-20)	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1					
Sulfate		WO#:MF2A81AC-LCS/MF2A81AD-LCSD LCS Lot-Sample#: A1C230000-107					
	96	(90 - 110)			MCAWW 300.0A	03/22/11	1082107
	96	(90 - 110)	0.18	(0-20)	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C160476 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MF1Q11AC-LCS/MF1Q11AD-LCSD LCS Lot-Sample#: A1C220000-234						
	10.0	9.4	mg/L	94		MCAWW 300.0A	03/21/11	1081234
	10.0	9.7	mg/L	97	2.6	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1						
Chloride		WO#:MF1QR1AC-LCS/MF1QR1AD-LCSD LCS Lot-Sample#: A1C220000-230						
	50.0	51.0	mg/L	102		MCAWW 300.0A	03/21/11	1081230
	50.0	50.1	mg/L	100	1.7	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1						
Chloride		WO#:MF2A51AC-LCS/MF2A51AD-LCSD LCS Lot-Sample#: A1C230000-099						
	50.0	50.2	mg/L	100		MCAWW 300.0A	03/22/11	1082099
	50.0	50.3	mg/L	101	0.09	MCAWW 300.0A	03/22/11	1082099
		Dilution Factor: 1						
Sulfate		WO#:MF1Q61AC-LCS/MF1Q61AD-LCSD LCS Lot-Sample#: A1C220000-247						
	50.0	49.2	mg/L	98		MCAWW 300.0A	03/21/11	1081247
	50.0	49.4	mg/L	99	0.30	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1						
Sulfate		WO#:MF2A81AC-LCS/MF2A81AD-LCSD LCS Lot-Sample#: A1C230000-107						
	50.0	47.9	mg/L	96		MCAWW 300.0A	03/22/11	1082107
	50.0	48.0	mg/L	96	0.18	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFR8C1AC	LCS Lot-Sample#: A1C170000-297		
	114	(69 - 118)	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1			
Cyanide, Total		Work Order #: MFV5D1AC	LCS Lot-Sample#: A1C180000-253		
	77	(69 - 118)	SW846 9012A	03/17/11	1077253
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MFR8C1AC		LCS Lot-Sample#: A1C170000-297			
	0.33	0.37	mg/L	114	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1					
Cyanide, Total		Work Order #: MFV5D1AC		LCS Lot-Sample#: A1C180000-253			
	0.33	0.25	mg/L	77	SW846 9012A	03/17/11	1077253
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MFPRF1AU-MS/MFPRF1AV-MSD				MS Lot-Sample #: A1C160476-003	
	106	(80 - 120)			MCAWW 300.0A	03/21/11	1081234
	99	(80 - 120)	6.9	(0-20)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1					
Chloride		WO#: MFPRF1AX-MS/MFPRF1A0-MSD				MS Lot-Sample #: A1C160476-003	
	119	(80 - 120)			MCAWW 300.0A	03/22/11	1082099
	122 N	(80 - 120)	1.0	(0-20)	MCAWW 300.0A	03/22/11	1082099
		Dilution Factor: 1					
Cyanide, Total		WO#: MFPRF1A5-MS/MFPRF1A6-MSD				MS Lot-Sample #: A1C160476-003	
	94	(42 - 140)			SW846 9012A	03/17/11	1076297
	95	(42 - 140)	1.3	(0-20)	SW846 9012A	03/17/11	1076297
		Dilution Factor: 1					
Sulfate		WO#: MFPRF1A2-MS/MFPRF1A3-MSD				MS Lot-Sample #: A1C160476-003	
	120	(80 - 120)			MCAWW 300.0A	03/22/11	1082107
	128 N	(80 - 120)	2.1	(0-20)	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WG
Date Sampled...: 03/15/11 11:12 **Date Received..:** 03/16/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MFPRF1AU-MS/MFPRF1AV-MSD				MS Lot-Sample #: A1C160476-003		
	ND	10.0	10.6	mg/L	106		MCAWW 300.0A	03/21/11	1081234
	ND	10.0	9.9	mg/L	99	6.9	MCAWW 300.0A	03/21/11	1081234
			Dilution Factor: 1						
Chloride			WO#: MFPRF1AX-MS/MFPRF1A0-MSD				MS Lot-Sample #: A1C160476-003		
	55.4	50.0	115	mg/L	119		MCAWW 300.0A	03/22/11	1082099
	55.4	50.0	116 N	mg/L	122	1.0	MCAWW 300.0A	03/22/11	1082099
			Dilution Factor: 1						
Cyanide, Total			WO#: MFPRF1A5-MS/MFPRF1A6-MSD				MS Lot-Sample #: A1C160476-003		
	ND	0.040	0.038	mg/L	94		SW846 9012A	03/17/11	1076297
	ND	0.040	0.039	mg/L	95	1.3	SW846 9012A	03/17/11	1076297
			Dilution Factor: 1						
Sulfate			WO#: MFPRF1A2-MS/MFPRF1A3-MSD				MS Lot-Sample #: A1C160476-003		
	116	50.0	176	mg/L	120		MCAWW 300.0A	03/22/11	1082107
	116	50.0	180 N	mg/L	128	2.1	MCAWW 300.0A	03/22/11	1082107
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFQ7K1CA		MS Lot-Sample #: A1C170413-008	
	100	(80 - 120)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1			
Chloride		Work Order #...: MFQ7K1A9		MS Lot-Sample #: A1C170413-008	
	121 N	(80 - 120)	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1			
Sulfate		Work Order #...: MFQ7K1CC		MS Lot-Sample #: A1C170413-008	
	118	(80 - 120)	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1			
Sulfate		Work Order #...: MF1NA1AN		MS Lot-Sample #: A1C220532-001	
	111	(80 - 120)	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFQ7K1CA			MS Lot-Sample #: A1C170413-008		
	ND	10.0	10.0	mg/L	100	MCAWW 300.0A	03/21/11	1081234
			Dilution Factor: 1					
Chloride			Work Order #...: MFQ7K1A9			MS Lot-Sample #: A1C170413-008		
	48.9	50.0	109 N	mg/L	121	MCAWW 300.0A	03/21/11	1081230
			Dilution Factor: 1					
Sulfate			Work Order #...: MFQ7K1CC			MS Lot-Sample #: A1C170413-008		
	38.0	50.0	97.0	mg/L	118	MCAWW 300.0A	03/21/11	1081247
			Dilution Factor: 1					
Sulfate			Work Order #...: MF1NA1AN			MS Lot-Sample #: A1C220532-001		
	38.4	50.0	93.8	mg/L	111	MCAWW 300.0A	03/22/11	1082107
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER
Date Sampled...: 03/09/11 11:20 **Date Received..:** 03/10/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MFQ7Q1AU-MS/MFQ7Q1AV-MSD				MS Lot-Sample #: A1C170413-009	
	96	(80 - 120)			MCAWW 300.0A	03/21/11	1081234
	95	(80 - 120)	1.4	(0-20)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1					
Chloride		WO#: MFQ7Q1AX-MS/MFQ7Q1A0-MSD				MS Lot-Sample #: A1C170413-009	
	116	(80 - 120)			MCAWW 300.0A	03/21/11	1081230
	114	(80 - 120)	1.0	(0-20)	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1					
Sulfate		WO#: MFQ7Q1A2-MS/MFQ7Q1A3-MSD				MS Lot-Sample #: A1C170413-009	
	107	(80 - 120)			MCAWW 300.0A	03/21/11	1081247
	105	(80 - 120)	0.86	(0-20)	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1					
Total Cyanide		WO#: MFGW61AJ-MS/MFGW61AK-MSD				MS Lot-Sample #: A1C100503-001	
	0.0 N	(42 - 140)			SW846 9012A	03/17/11	1076369
	0.75 N,*	(42 - 140)	120	(0-20)	SW846 9012A	03/17/11	1076369
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C160476 **Matrix.....:** WATER
Date Sampled...: 03/09/11 11:20 **Date Received..:** 03/10/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MFQ7Q1AU-MS/MFQ7Q1AV-MSD		MS Lot-Sample #: A1C170413-009				
	ND	10.0	9.6	mg/L	96		MCAWW 300.0A	03/21/11	1081234
	ND	10.0	9.5	mg/L	95	1.4	MCAWW 300.0A	03/21/11	1081234
			Dilution Factor: 1						
Chloride			WO#: MFQ7Q1AX-MS/MFQ7Q1A0-MSD		MS Lot-Sample #: A1C170413-009				
	49.4	50.0	107	mg/L	116		MCAWW 300.0A	03/21/11	1081230
	49.4	50.0	106	mg/L	114	1.0	MCAWW 300.0A	03/21/11	1081230
			Dilution Factor: 1						
Sulfate			WO#: MFQ7Q1A2-MS/MFQ7Q1A3-MSD		MS Lot-Sample #: A1C170413-009				
	17.4	50.0	70.7	mg/L	107		MCAWW 300.0A	03/21/11	1081247
	17.4	50.0	70.1	mg/L	105	0.86	MCAWW 300.0A	03/21/11	1081247
			Dilution Factor: 1						
Total Cyanide			WO#: MFGW61AJ-MS/MFGW61AK-MSD		MS Lot-Sample #: A1C100503-001				
	ND	0.040	N	mg/L	0.0		SW846 9012A	03/17/11	1076369
	ND	0.040	N,*	mg/L	0.75	120	SW846 9012A	03/17/11	1076369
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

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END OF REPORT

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ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C170413

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
4/7/2011 10:29 AM

Amy L. McCormick
Project Manager
amy.mccormick@testamericainc.com

April 07, 2011

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 14
Sample Summary 16
Shipping and Receiving Documents 18
GC/MS Volatile Data 24
GC/MS Semivolatile Data 53
Inorganic/Metals Data 93
General Chemistry Data 140

Total # of Pages in this Document 164

TestAmerica
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CASE NARRATIVE

CASE NARRATIVE

A1C170413

The following report contains the analytical results for ten water samples and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 17, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 31, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.0, 2.6 and 2.9°C.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for GW-WT102C-031611 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

Sample GW-WT102A-031611-E had elevated reporting limits due to limited initial sample volume.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for GW-WT102C-031611 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

The matrix spike/matrix spike duplicate(s) for GW-WT102C-031611 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for GW-WT102B-031611-D had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 1082107 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C170413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT113B-031611 03/16/11 08:32 001				
Arsenic	2.6	1.0	ug/L	SW846 6020
Thallium	0.15 B	1.0	ug/L	SW846 6020
Barium	66.7 B,J	200	ug/L	SW846 6010B
Beryllium	0.72 B,J	1.0	ug/L	SW846 6010B
Calcium	68500 J	5000	ug/L	SW846 6010B
Iron	1480	100	ug/L	SW846 6010B
Magnesium	18400 J	5000	ug/L	SW846 6010B
Manganese	59.6 J	15.0	ug/L	SW846 6010B
Potassium	2020 B,J	5000	ug/L	SW846 6010B
Sodium	16700	5000	ug/L	SW846 6010B
Chloride	32.1	1.0	mg/L	MCAWW 300.0A
Sulfate	38.7	1.0	mg/L	MCAWW 300.0A
GW-WT113A-031611 03/16/11 09:28 002				
Aluminum	374	50.0	ug/L	SW846 6020
Arsenic	1.4	1.0	ug/L	SW846 6020
Barium	25.0 B,J	200	ug/L	SW846 6010B
Calcium	55400 J	5000	ug/L	SW846 6010B
Chromium	2.4 B	10.0	ug/L	SW846 6010B
Iron	1040	100	ug/L	SW846 6010B
Magnesium	13200 J	5000	ug/L	SW846 6010B
Manganese	92.2 J	15.0	ug/L	SW846 6010B
Nickel	3.2 B	40.0	ug/L	SW846 6010B
Potassium	1570 B,J	5000	ug/L	SW846 6010B
Sodium	26800	5000	ug/L	SW846 6010B
Zinc	14.1 B,J	20.0	ug/L	SW846 6010B
Chloride	53.9	1.0	mg/L	MCAWW 300.0A
Sulfate	17.2	1.0	mg/L	MCAWW 300.0A
TRIP BLANK-031611-007 03/16/11 08:45 003				
Acetone	1.3 J	10	ug/L	SW846 8260B
2-Butanone	0.77 J	10	ug/L	SW846 8260B
Methylene chloride	0.52 J	1.0	ug/L	SW846 8260B
GW-WT112B-031611 03/16/11 10:40 004				
Arsenic	3.2	1.0	ug/L	SW846 6020
Barium	127 B,J	200	ug/L	SW846 6010B
Calcium	79100 J	5000	ug/L	SW846 6010B
Iron	1350	100	ug/L	SW846 6010B
Magnesium	22900 J	5000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C170413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT112B-031611 03/16/11 10:40 004				
Manganese	93.2 J	15.0	ug/L	SW846 6010B
Potassium	2000 B,J	5000	ug/L	SW846 6010B
Sodium	22600	5000	ug/L	SW846 6010B
Chloride	51.0	1.0	mg/L	MCAWW 300.0A
Sulfate	98.9	1.0	mg/L	MCAWW 300.0A
GW-WT102A-031611 03/16/11 11:58 005				
Arsenic	0.40 B	1.0	ug/L	SW846 6020
Barium	36.8 B,J	200	ug/L	SW846 6010B
Calcium	80000 J	5000	ug/L	SW846 6010B
Chromium	13.2	10.0	ug/L	SW846 6010B
Cobalt	2.6 B	50.0	ug/L	SW846 6010B
Iron	433	100	ug/L	SW846 6010B
Magnesium	15000 J	5000	ug/L	SW846 6010B
Manganese	490 J	15.0	ug/L	SW846 6010B
Nickel	62.8	40.0	ug/L	SW846 6010B
Potassium	1480 B,J	5000	ug/L	SW846 6010B
Sodium	83600	5000	ug/L	SW846 6010B
Chloride	138	1.0	mg/L	MCAWW 300.0A
Sulfate	83.1	1.0	mg/L	MCAWW 300.0A
GW-WT102A-031611-E 03/16/11 12:20 006				
Manganese	0.41 B,J	15.0	ug/L	SW846 6010B
Potassium	171 B,J	5000	ug/L	SW846 6010B
Chloride	0.29 B	1.0	mg/L	MCAWW 300.0A
Sulfate	0.40 B	1.0	mg/L	MCAWW 300.0A
GW-WT102B-031611 03/16/11 14:17 007				
Arsenic	3.5	1.0	ug/L	SW846 6020
Antimony	0.16 B	2.0	ug/L	SW846 6020
Barium	119 B,J	200	ug/L	SW846 6010B
Calcium	64700 J	5000	ug/L	SW846 6010B
Chromium	8.4 B	10.0	ug/L	SW846 6010B
Iron	797	100	ug/L	SW846 6010B
Magnesium	22500 J	5000	ug/L	SW846 6010B
Manganese	45.6 J	15.0	ug/L	SW846 6010B
Nickel	5.1 B	40.0	ug/L	SW846 6010B
Potassium	2920 B,J	5000	ug/L	SW846 6010B
Sodium	25300	5000	ug/L	SW846 6010B
Acetophenone	0.46 J	1.0	ug/L	SW846 8270C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C170413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT102B-031611 03/16/11 14:17 007				
4-Methylphenol	1.5	1.0	ug/L	SW846 8270C
Phenol	1.6	1.0	ug/L	SW846 8270C
Acetone	3.9 J	10	ug/L	SW846 8260B
2-Butanone	1.3 J	10	ug/L	SW846 8260B
Carbon disulfide	0.39 J	1.0	ug/L	SW846 8260B
Chloride	48.8	1.0	mg/L	MCAWW 300.0A
Sulfate	38.0	1.0	mg/L	MCAWW 300.0A
GW-WT102B-031611-D 03/16/11 14:26 008				
Arsenic	3.4	1.0	ug/L	SW846 6020
Antimony	0.49 B	2.0	ug/L	SW846 6020
Barium	128 B,J	200	ug/L	SW846 6010B
Calcium	66800 J	5000	ug/L	SW846 6010B
Chromium	20.3	10.0	ug/L	SW846 6010B
Iron	973	100	ug/L	SW846 6010B
Magnesium	23600 J	5000	ug/L	SW846 6010B
Manganese	44.4 J	15.0	ug/L	SW846 6010B
Nickel	5.9 B	40.0	ug/L	SW846 6010B
Potassium	3250 B,J	5000	ug/L	SW846 6010B
Sodium	26100	5000	ug/L	SW846 6010B
Zinc	6.3 B,J	20.0	ug/L	SW846 6010B
Acetophenone	0.57 J	1.0	ug/L	SW846 8270C
4-Methylphenol	2.2	1.0	ug/L	SW846 8270C
Phenol	2.1	1.0	ug/L	SW846 8270C
Acetone	3.8 J	10	ug/L	SW846 8260B
2-Butanone	1.2 J	10	ug/L	SW846 8260B
Carbon disulfide	0.36 J	1.0	ug/L	SW846 8260B
Chloride	48.9	1.0	mg/L	MCAWW 300.0A
Sulfate	38.0	1.0	mg/L	MCAWW 300.0A
GW-WT102C-031611 03/16/11 15:22 009				
Aluminum	3900	50.0	ug/L	SW846 6020
Arsenic	4.2	1.0	ug/L	SW846 6020
Antimony	0.90 B	2.0	ug/L	SW846 6020
Lead	3.9	3.0	ug/L	SW846 6010B
Barium	298 J	200	ug/L	SW846 6010B
Calcium	196000 J	5000	ug/L	SW846 6010B
Chromium	14.3	10.0	ug/L	SW846 6010B
Cobalt	2.7 B	50.0	ug/L	SW846 6010B
Copper	5.6 B	25.0	ug/L	SW846 6010B
Iron	7670	100	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C170413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT102C-031611 03/16/11 15:22 009				
Magnesium	88200 J	5000	ug/L	SW846 6010B
Manganese	771 J	15.0	ug/L	SW846 6010B
Nickel	9.9 B	40.0	ug/L	SW846 6010B
Potassium	3630 B,J	5000	ug/L	SW846 6010B
Sodium	34400	5000	ug/L	SW846 6010B
Vanadium	9.7 B	50.0	ug/L	SW846 6010B
Zinc	37.4 J	20.0	ug/L	SW846 6010B
Acetophenone	0.62 J	1.0	ug/L	SW846 8270C
Phenol	1.8	1.0	ug/L	SW846 8270C
Acetone	4.6 J	10	ug/L	SW846 8260B
2-Butanone	2.0 J	10	ug/L	SW846 8260B
Carbon disulfide	0.28 J	1.0	ug/L	SW846 8260B
Chloride	49.4	1.0	mg/L	MCAWW 300.0A
Sulfate	17.4	1.0	mg/L	MCAWW 300.0A
GW-WT118B-031611 03/16/11 16:33 010				
Arsenic	3.0	1.0	ug/L	SW846 6020
Thallium	0.22 B	1.0	ug/L	SW846 6020
Barium	53.1 B,J	200	ug/L	SW846 6010B
Calcium	168000 J	5000	ug/L	SW846 6010B
Iron	6220	100	ug/L	SW846 6010B
Magnesium	20500 J	5000	ug/L	SW846 6010B
Manganese	125 J	15.0	ug/L	SW846 6010B
Potassium	3300 B,J	5000	ug/L	SW846 6010B
Sodium	20600	5000	ug/L	SW846 6010B
Carbon disulfide	0.33 J	1.0	ug/L	SW846 8260B
Chloride	33.0	1.0	mg/L	MCAWW 300.0A
Sulfate	220	2.0	mg/L	MCAWW 300.0A
GW-WT111A-031611 03/16/11 17:33 011				
Aluminum	602	50.0	ug/L	SW846 6020
Arsenic	5.8	1.0	ug/L	SW846 6020
Antimony	0.18 B	2.0	ug/L	SW846 6020
Barium	66.3 B,J	200	ug/L	SW846 6010B
Calcium	182000 J	5000	ug/L	SW846 6010B
Chromium	3.8 B	10.0	ug/L	SW846 6010B
Cobalt	1.7 B	50.0	ug/L	SW846 6010B
Iron	2720	100	ug/L	SW846 6010B
Magnesium	12100 J	5000	ug/L	SW846 6010B
Manganese	550 J	15.0	ug/L	SW846 6010B
Nickel	3.5 B	40.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A1C170413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT111A-031611 03/16/11 17:33 011				
Potassium	3380 B,J	5000	ug/L	SW846 6010B
Sodium	29600	5000	ug/L	SW846 6010B
Vanadium	4.0 B	50.0	ug/L	SW846 6010B
Zinc	13.8 B,J	20.0	ug/L	SW846 6010B
Dichlorodifluoromethane	0.32 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	3.9	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.58 J	1.0	ug/L	SW846 8260B
Chloride	25.3	1.0	mg/L	MCAWW 300.0A
Sulfate	300	5.0	mg/L	MCAWW 300.0A
Bromide	0.53	0.50	mg/L	MCAWW 300.0A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C170413

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1C170413

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFQ60	001	GW-WT113B-031611	03/16/11	08:32
MFQ69	002	GW-WT113A-031611	03/16/11	09:28
MFQ7A	003	TRIP BLANK-031611-007	03/16/11	08:45
MFQ7D	004	GW-WT112B-031611	03/16/11	10:40
MFQ7E	005	GW-WT102A-031611	03/16/11	11:58
MFQ7F	006	GW-WT102A-031611-E	03/16/11	12:20
MFQ7H	007	GW-WT102B-031611	03/16/11	14:17
MFQ7K	008	GW-WT102B-031611-D	03/16/11	14:26
MFQ7Q	009	GW-WT102C-031611	03/16/11	15:22
MFQ7T	010	GW-WT118B-031611	03/16/11	16:33
MFQ7V	011	GW-WT111A-031611	03/16/11	17:33

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	TPH	VOC	Metals	Cyanide	Bromide	Chloride	Sulfate					REMARKS
1	3/16/11	832	GW-WT113B-031611	Water	6	X	X	X	X	X	X						
2		928	GW-WT113A-031611		6	X	X	X	X	X	X						
3		845	TRIP BLANK-031611-007		1	X	X	X	X	X	X						
4		1040	GW-WT112B-031611		6	X	X	X	X	X	X						
5		1158	GW-WT102A-031611		6	X	X	X	X	X	X						
6		1220	GW-WT102A-031611-E		6	X	X	X	X	X	X						
7		1417	GW-WT102B-031611		6	X	X	X	X	X	X						
8		1426	GW-WT102B-031611-D		6	X	X	X	X	X	X						
9		1522	GW-WT102C-031611		15	X	X	X	X	X	X						MS/MSD
10		1633	GW-WT118B-031611		6	X	X	X	X	X	X						
11	3/16/11	1733	GW-WT111A-031611	Water	6	X	X	X	X	X	X						
			TOTAL NUMBER OF CONTAINERS		20												

RELINQUISHED BY: ① [signature]	DATE: 3/16/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4099

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SAMPLE TEAM: Tim Prange, Shawn Miller

RECEIVED FOR LABORATORY BY: [signature]
DATE: 3/17/11 TIME: 930

2395

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/16/11	832	GW-WT113B-031611	Water	2	X	
2		928	GW-WT 113A-031611		2	X	
3		1040	GW-WT 112S-031611		2	X	
4		1158	GW-WT 102A-031611		2	X	
5		1220	GW-WT 102A-031611-E		2	X	
6	3/16/11	MT	GW-WT 102A-031611	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: ① Tim Prange	DATE: 3/16/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4099

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Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 3/17/11 TIME: 930

2396

400001-00(SOURCE)GN-CO007

North Canton

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): Test America

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	3/16/11	1426	GW-WT102B-031611-D	Water	2	X	
2		1522	GW-WT102C-031611		4	X	MS/MSD
3		1633	GW-WT118B-031611		2	X	
4	3/16/11	1733	GW-WT111A-031611	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		10		

RELINQUISHED BY: ① _____	DATE: 3/16/11 TIME: 1800	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4099

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Yellow	-Receiving Laboratory Copy
Pink	-Shipper Copy
Goldenrod	-Sampler Copy

SAMPLE TEAM: Tim Prange, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 3/17/11 TIME: 930

2397

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A1C170413
North Canton Facility

Client CRA Project Himco By: (Signature)
Cooler Received on 3-17-11 Opened on 3-17-11
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other
TestAmerica Cooler # Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 1 Quantity Unsalvageable
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions?
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other
6. Cooler temperature upon receipt °C See back of form for multiple coolers/temps ☒ BACK
   METHOD: IR ☒ Other ☐
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM Date by via Verbal ☐ Voice Mail ☐ Other ☐
Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
113B	<2 >12	3/17/11	CSL
113A	<2 >12		
112B	<2 >12		
102A	<2 >12		
102AD	<2 >12		
102B	<2 >12		
102BD	<2 >12		
102C	<2 <2 2 12 12 12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials
118B	L2 712	3/17/11	CSL
111A	L2 712	↓	↓

Cooler #	Temp. °C	Method	Coolant
L692	2.9	IR	IC
A332	2.0	↓	↓
A577	2.6		

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-001 **Work Order #...:** MFQ601AA **Matrix.....:** WG
Date Sampled...: 03/16/11 08:32 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-001 **Work Order #...:** MFQ601AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-002 **Work Order #...:** MFQ691AL **Matrix.....:** WG
Date Sampled...: 03/16/11 09:28 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-002 **Work Order #...:** MFQ691AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	77	(74 - 115)
4-Bromofluorobenzene	83	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031611-007

GC/MS Volatiles

Lot-Sample #...: A1C170413-003 **Work Order #...:** MFQ7A1AA **Matrix.....:** WQ
Date Sampled...: 03/16/11 08:45 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.3 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**0.77 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**0.52 J**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031611-007

GC/MS Volatiles

Lot-Sample #...: A1C170413-003 **Work Order #...:** MFQ7A1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
1,2-Dichloroethane-d4	85	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-004 **Work Order #...:** MFQ7D1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 10:40 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-004 **Work Order #...:** MFQ7D1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(75 - 121)
1,2-Dichloroethane-d4	85	(63 - 129)
Toluene-d8	78	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-005 **Work Order #...:** MFQ7E1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 11:58 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-005 **Work Order #...:** MFQ7E1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

GC/MS Volatiles

Lot-Sample #...: A1C170413-006 **Work Order #...:** MFQ7F1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 12:20 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

GC/MS Volatiles

Lot-Sample #...: A1C170413-006 **Work Order #...:** MFQ7F1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-007 **Work Order #...:** MFQ7H1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 14:17 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.9 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**1.3 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	**0.39 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-007 **Work Order #...:** MFQ7H1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
1,2-Dichloroethane-d4	85	(63 - 129)
Toluene-d8	77	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

GC/MS Volatiles

Lot-Sample #...: A1C170413-008 **Work Order #...:** MFQ7K1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.8 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**1.2 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	**0.36 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

GC/MS Volatiles

Lot-Sample #...: A1C170413-008 **Work Order #...:** MFQ7K1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
1,2-Dichloroethane-d4	85	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-009 **Work Order #...:** MFQ7Q1A7 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**4.6 J**	**10**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**2.0 J**	**10**	**ug/L**	**0.57**
Carbon disulfide	**0.28 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-009 **Work Order #...:** MFQ7Q1A7 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	86	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-010 **Work Order #...:** MFQ7T1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 16:33 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	**0.33 J**	**1.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-010 **Work Order #...:** MFQ7T1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	83	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-011 **Work Order #...:** MFQ7V1AL **Matrix.....:** WG
Date Sampled...: 03/16/11 17:33 **Date Received..:** 03/17/11
Prep Date.....: 03/23/11 **Analysis Date..:** 03/23/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	**0.32 J**	**1.0**	**ug/L**	**0.31**
1,1-Dichloroethane	**3.9**	**1.0**	**ug/L**	**0.15**
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	**0.58 J**	**1.0**	**ug/L**	**0.17**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

GC/MS Volatiles

Lot-Sample #...: A1C170413-011 **Work Order #...:** MFQ7V1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	75	(74 - 115)
4-Bromofluorobenzene	81	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C170413 **Work Order #...:** MF2F81AA **Matrix.....:** WATER
MB Lot-Sample #: A1C230000-170

Prep Date.....: 03/22/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/22/11 **Prep Batch #...:** 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C170413 **Work Order #...:** MF2F81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	76	(74 - 115)
4-Bromofluorobenzene	84	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C170413 **Work Order #...:** MF2F81AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C230000-170
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**99**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**88**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**104**	**(78 - 131)**	**SW846 8260B**
Toluene	**91**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**99**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(75 - 121)
1,2-Dichloroethane-d4	87	(63 - 129)
Toluene-d8	78	(74 - 115)
4-Bromofluorobenzene	96	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C170413 **Work Order #...:** MF2F81AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C230000-170
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.9**	**ug/L**	**99**	**SW846 8260B**
Chlorobenzene	**10**	**8.8**	**ug/L**	**88**	**SW846 8260B**
1,1-Dichloroethene	**10**	**10**	**ug/L**	**104**	**SW846 8260B**
Toluene	**10**	**9.1**	**ug/L**	**91**	**SW846 8260B**
Trichloroethene	**10**	**9.9**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(75 - 121)
1,2-Dichloroethane-d4	87	(63 - 129)
Toluene-d8	78	(74 - 115)
4-Bromofluorobenzene	96	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C170413 **Work Order #...:** MFQ7Q1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A1C170413-009 MFQ7Q1A9-MSD
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**104**	**(72 - 121)**			**SW846 8260B**
	100	**(72 - 121)**	**3.8**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**91**	**(80 - 110)**			**SW846 8260B**
	85	**(80 - 110)**	**7.4**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**98**	**(74 - 135)**			**SW846 8260B**
	109	**(74 - 135)**	**11**	**(0-30)**	**SW846 8260B**
Toluene	**96**	**(78 - 114)**			**SW846 8260B**
	90	**(78 - 114)**	**5.7**	**(0-30)**	**SW846 8260B**
Trichloroethene	**101**	**(66 - 120)**			**SW846 8260B**
	99	**(66 - 120)**	**1.7**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
	86	(75 - 121)
1,2-Dichloroethane-d4	78	(63 - 129)
	87	(63 - 129)
Toluene-d8	79	(74 - 115)
	78	(74 - 115)
4-Bromofluorobenzene	95	(66 - 117)
	96	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C170413 **Work Order #...:** MFQ7Q1A8-MS **Matrix.....:** WG
MS Lot-Sample #: A1C170413-009 MFQ7Q1A9-MSD
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11
Prep Date.....: 03/22/11 **Analysis Date..:** 03/22/11
Prep Batch #...: 1082170
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**3.8**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**8.5**	**ug/L**	**85**	**7.4**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**109**	**11**	**SW846 8260B**
Toluene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**5.7**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**1.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
	86	(75 - 121)
1,2-Dichloroethane-d4	78	(63 - 129)
	87	(63 - 129)
Toluene-d8	79	(74 - 115)
	78	(74 - 115)
4-Bromofluorobenzene	95	(66 - 117)
	96	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-001 **Work Order #...:** MFQ601AC **Matrix.....:** WG
Date Sampled...: 03/16/11 08:32 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-001 **Work Order #...:** MFQ601AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-001 **Work Order #...:** MFQ601AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	67	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	28	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-002 **Work Order #...:** MFQ691AM **Matrix.....:** WG
Date Sampled...: 03/16/11 09:28 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-002 **Work Order #...:** MFQ691AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-002 **Work Order #...:** MFQ691AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	60	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	26	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-004 **Work Order #...:** MFQ7D1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 10:40 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 930 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-004 **Work Order #...:** MFQ7D1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-004 **Work Order #...:** MFQ7D1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	67	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	68	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-005 **Work Order #...:** MFQ7E1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 11:58 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-005 **Work Order #...:** MFQ7E1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-005 **Work Order #...:** MFQ7E1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46	(27 - 111)
2-Fluorobiphenyl	45	(28 - 110)
Terphenyl-d14	57	(37 - 119)
Phenol-d5	13	(10 - 110)
2-Fluorophenol	22	(10 - 110)
2,4,6-Tribromophenol	58	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-006 **Work Order #...:** MFQ7F1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 12:20 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1.22 **Initial Wgt/Vol:** 820 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.24	ug/L	0.12
Acenaphthylene	ND	0.24	ug/L	0.12
Acetophenone	ND	1.2	ug/L	0.41
Anthracene	ND	0.24	ug/L	0.12
Atrazine	ND	1.2	ug/L	0.41
Benzo(a)anthracene	ND	0.24	ug/L	0.12
Benzo(a)pyrene	ND	0.24	ug/L	0.12
Benzo(b)fluoranthene	ND	0.24	ug/L	0.12
Benzo(ghi)perylene	ND	0.24	ug/L	0.12
Benzo(k)fluoranthene	ND	0.24	ug/L	0.12
Benzaldehyde	ND	1.2	ug/L	0.48
1,1'-Biphenyl	ND	1.2	ug/L	0.98
bis(2-Chloroethoxy) methane	ND	1.2	ug/L	0.39
bis(2-Chloroethyl)-ether	ND	1.2	ug/L	0.12
bis(2-Ethylhexyl) phthalate	ND	2.4	ug/L	0.98
4-Bromophenyl phenyl ether	ND	2.4	ug/L	0.98
Butyl benzyl phthalate	ND	1.2	ug/L	0.98
Caprolactam	ND	6.1	ug/L	0.98
Carbazole	ND	1.2	ug/L	0.34
4-Chloroaniline	ND	2.4	ug/L	0.98
4-Chloro-3-methylphenol	ND	2.4	ug/L	0.98
2-Chloronaphthalene	ND	1.2	ug/L	0.12
2-Chlorophenol	ND	1.2	ug/L	0.35
4-Chlorophenyl phenyl ether	ND	2.4	ug/L	0.37
Chrysene	ND	0.24	ug/L	0.12
Dibenz(a,h)anthracene	ND	0.24	ug/L	0.12
Dibenzofuran	ND	1.2	ug/L	0.12
3,3'-Dichlorobenzidine	ND	6.1	ug/L	0.45
2,4-Dichlorophenol	ND	2.4	ug/L	0.98
Diethyl phthalate	ND	1.2	ug/L	0.73
2,4-Dimethylphenol	ND	2.4	ug/L	0.98
Dimethyl phthalate	ND	1.2	ug/L	0.35
Di-n-butyl phthalate	ND	1.2	ug/L	0.82

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-006 **Work Order #...:** MFQ7F1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	6.1	ug/L	2.9
2,4-Dinitrophenol	ND	6.1	ug/L	2.9
2,4-Dinitrotoluene	ND	6.1	ug/L	0.33
2,6-Dinitrotoluene	ND	6.1	ug/L	0.98
Di-n-octyl phthalate	ND	1.2	ug/L	0.98
Fluoranthene	ND	0.24	ug/L	0.12
Fluorene	ND	0.24	ug/L	0.12
Hexachlorobenzene	ND	0.24	ug/L	0.12
Hexachlorobutadiene	ND	1.2	ug/L	0.33
Hexachlorocyclopenta-diene	ND	12	ug/L	0.98
Hexachloroethane	ND	1.2	ug/L	0.98
Indeno(1,2,3-cd)pyrene	ND	0.24	ug/L	0.12
Isophorone	ND	1.2	ug/L	0.33
2-Methylnaphthalene	ND	0.24	ug/L	0.12
2-Methylphenol	ND	1.2	ug/L	0.98
4-Methylphenol	ND	1.2	ug/L	0.98
Naphthalene	ND	0.24	ug/L	0.12
2-Nitroaniline	ND	2.4	ug/L	0.98
3-Nitroaniline	ND	2.4	ug/L	0.34
4-Nitroaniline	ND	2.4	ug/L	0.98
Nitrobenzene	ND	1.2	ug/L	0.049
2-Nitrophenol	ND	2.4	ug/L	0.34
4-Nitrophenol	ND	6.1	ug/L	2.9
N-Nitrosodi-n-propyl-amine	ND	1.2	ug/L	0.98
N-Nitrosodiphenylamine	ND	1.2	ug/L	0.38
2,2'-oxybis (1-Chloropropane)	ND	1.2	ug/L	0.49
Pentachlorophenol	ND	6.1	ug/L	2.9
Phenanthrene	ND	0.24	ug/L	0.12
Phenol	ND	1.2	ug/L	0.73
Pyrene	ND	0.24	ug/L	0.12
2,4,5-Trichloro-phenol	ND	6.1	ug/L	0.37
2,4,6-Trichloro-phenol	ND	6.1	ug/L	0.98

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-006 **Work Order #...:** MFQ7F1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(27 - 111)
2-Fluorobiphenyl	43	(28 - 110)
Terphenyl-d14	60	(37 - 119)
Phenol-d5	20	(10 - 110)
2-Fluorophenol	32	(10 - 110)
2,4,6-Tribromophenol	49	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-007 **Work Order #...:** MFQ7H1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 14:17 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**0.46 J**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-007 **Work Order #...:** MFQ7H1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	**1.5**	**1.0**	**ug/L**	**0.80**
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	**1.6**	**1.0**	**ug/L**	**0.60**
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-007 **Work Order #...:** MFQ7H1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	58	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	27	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-008 **Work Order #...:** MFQ7K1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**0.57 J**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-008 **Work Order #...:** MFQ7K1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	**2.2**	**1.0**	**ug/L**	**0.80**
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	**2.1**	**1.0**	**ug/L**	**0.60**
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-008 **Work Order #...:** MFQ7K1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(27 - 111)
2-Fluorobiphenyl	47	(28 - 110)
Terphenyl-d14	57	(37 - 119)
Phenol-d5	16	(10 - 110)
2-Fluorophenol	26	(10 - 110)
2,4,6-Tribromophenol	65	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-009 **Work Order #...:** MFQ7Q1CA **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 920 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	**0.62 J**	**1.0**	**ug/L**	**0.34**
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-009 **Work Order #...:** MFQ7Q1CA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	**1.8**	**1.0**	**ug/L**	**0.60**
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-009 **Work Order #...:** MFQ7Q1CA **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	38	(27 - 111)
2-Fluorobiphenyl	38	(28 - 110)
Terphenyl-d14	49	(37 - 119)
Phenol-d5	14	(10 - 110)
2-Fluorophenol	23	(10 - 110)
2,4,6-Tribromophenol	49	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-010 **Work Order #...:** MFQ7T1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 16:33 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-010 **Work Order #...:** MFQ7T1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-010 **Work Order #...:** MFQ7T1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	63	(37 - 119)
Phenol-d5	17	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-011 **Work Order #...:** MFQ7V1AM **Matrix.....:** WG
Date Sampled...: 03/16/11 17:33 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/21/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-011 **Work Order #...:** MFQ7V1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

GC/MS Semivolatiles

Lot-Sample #...: A1C170413-011 **Work Order #...:** MFQ7V1AM **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(27 - 111)
2-Fluorobiphenyl	41	(28 - 110)
Terphenyl-d14	51	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	58	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFRA91AA **Matrix.....:** WATER
MB Lot-Sample #: A1C170000-162

Prep Date.....: 03/17/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/24/11 **Prep Batch #...:** 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFRA91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	55	(28 - 110)
Terphenyl-d14	68	(37 - 119)
Phenol-d5	29	(10 - 110)
2-Fluorophenol	44	(10 - 110)
2,4,6-Tribromophenol	57	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFRA91AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFRA91AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C170000-162
Prep Date.....: 03/17/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**60**	**(40 - 110)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**61**	**(25 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**66**	**(19 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**66**	**(27 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**64**	**(52 - 123)**	**SW846 8270C**
4-Nitrophenol	**39**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**59**	**(37 - 121)**	**SW846 8270C**
Pentachlorophenol	**65**	**(26 - 110)**	**SW846 8270C**
Phenol	**41**	**(14 - 112)**	**SW846 8270C**
Pyrene	**61**	**(55 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	72	(37 - 119)
Phenol-d5	41	(10 - 110)
2-Fluorophenol	56	(10 - 110)
2,4,6-Tribromophenol	68	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFRA91AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C170000-162
Prep Date.....: 03/17/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**61**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
2-Chlorophenol	**20**	**13**	**ug/L**	**66**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**13**	**ug/L**	**64**	**SW846 8270C**
4-Nitrophenol	**20**	**7.8**	**ug/L**	**39**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**12**	**ug/L**	**59**	**SW846 8270C**
Pentachlorophenol	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
Phenol	**20**	**8.2**	**ug/L**	**41**	**SW846 8270C**
Pyrene	**20**	**12**	**ug/L**	**61**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	72	(37 - 119)
Phenol-d5	41	(10 - 110)
2-Fluorophenol	56	(10 - 110)
2,4,6-Tribromophenol	68	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFQ7Q1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C170413-009 MFQ7Q1D8-MSD
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 480 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**34 a**	**(36 - 110)**			**SW846 8270C**
	60 p	**(36 - 110)**	**55**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**34**	**(25 - 110)**			**SW846 8270C**
	62 p	**(25 - 110)**	**57**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**39**	**(17 - 110)**			**SW846 8270C**
	67 p	**(17 - 110)**	**53**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**40**	**(33 - 110)**			**SW846 8270C**
	72 p	**(33 - 110)**	**57**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**41**	**(26 - 110)**			**SW846 8270C**
	68 p	**(26 - 110)**	**50**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**34 a**	**(46 - 119)**			**SW846 8270C**
	69 p	**(46 - 119)**	**69**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**20**	**(13 - 127)**			**SW846 8270C**
	36 p	**(13 - 127)**	**59**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**35**	**(25 - 119)**			**SW846 8270C**
	54 p	**(25 - 119)**	**42**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**41**	**(23 - 110)**			**SW846 8270C**
	88 p	**(23 - 110)**	**73**	**(0-30)**	**SW846 8270C**
Phenol	**25**	**(16 - 110)**			**SW846 8270C**
	48 p	**(16 - 110)**	**55**	**(0-30)**	**SW846 8270C**
Pyrene	**36 a**	**(54 - 115)**			**SW846 8270C**
	62 p	**(54 - 115)**	**54**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	34	(27 - 111)
	58	(27 - 111)
2-Fluorobiphenyl	35	(28 - 110)
	60	(28 - 110)
Terphenyl-d14	50	(37 - 119)
	71	(37 - 119)
Phenol-d5	23	(10 - 110)
	38	(10 - 110)
2-Fluorophenol	29	(10 - 110)
	55	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFQ7Q1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C170413-009 MFQ7Q1D8-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	42	(22 - 120)
	79	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFQ7Q1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C170413-009 MFQ7Q1D8-MSD
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11
Prep Date.....: 03/17/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1076162
Dilution Factor: 1 **Initial Wgt/Vol:** 480 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**42**	**14**	**ug/L**	**34 a**		**SW846 8270C**
	ND	**42**	**25**	**ug/L**	**60 p**	**55**	**SW846 8270C**
1,2,4-Trichloro-benzene	**ND**	**42**	**14**	**ug/L**	**34**		**SW846 8270C**
	ND	**42**	**26**	**ug/L**	**62 p**	**57**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**42**	**16**	**ug/L**	**39**		**SW846 8270C**
	ND	**42**	**28**	**ug/L**	**67 p**	**53**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**42**	**17**	**ug/L**	**40**		**SW846 8270C**
	ND	**42**	**30**	**ug/L**	**72 p**	**57**	**SW846 8270C**
2-Chlorophenol	**ND**	**42**	**17**	**ug/L**	**41**		**SW846 8270C**
	ND	**42**	**28**	**ug/L**	**68 p**	**50**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**42**	**14**	**ug/L**	**34 a**		**SW846 8270C**
	ND	**42**	**29**	**ug/L**	**69 p**	**69**	**SW846 8270C**
4-Nitrophenol	**ND**	**42**	**8.2**	**ug/L**	**20**		**SW846 8270C**
	ND	**42**	**15**	**ug/L**	**36 p**	**59**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**42**	**15**	**ug/L**	**35**		**SW846 8270C**
	ND	**42**	**22**	**ug/L**	**54 p**	**42**	**SW846 8270C**
Pentachlorophenol	**ND**	**42**	**17**	**ug/L**	**41**		**SW846 8270C**
	ND	**42**	**37**	**ug/L**	**88 p**	**73**	**SW846 8270C**
Phenol	**1.8**	**42**	**12**	**ug/L**	**25**		**SW846 8270C**
	1.8	**42**	**22**	**ug/L**	**48 p**	**55**	**SW846 8270C**
Pyrene	**ND**	**42**	**15**	**ug/L**	**36 a**		**SW846 8270C**
	ND	**42**	**26**	**ug/L**	**62 p**	**54**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	34	(27 - 111)
	58	(27 - 111)
2-Fluorobiphenyl	35	(28 - 110)
	60	(28 - 110)
Terphenyl-d14	50	(37 - 119)
	71	(37 - 119)
Phenol-d5	23	(10 - 110)
	38	(10 - 110)
2-Fluorophenol	29	(10 - 110)
	55	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C170413 **Work Order #...:** MFQ7Q1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A1C170413-009 MFQ7Q1D8-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	42	(22 - 120)
	79	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-001 **Matrix.....:** WG
Date Sampled...: 03/16/11 08:32 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ601A0
		Dilution Factor: 1		Analysis Time..: 17:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**2.6**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ601A1**
		Dilution Factor: 1		Analysis Time..: 17:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AV
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFQ601A2
		Dilution Factor: 1		Analysis Time..: 17:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.15 B**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ601A3**
		Dilution Factor: 1		Analysis Time..: 17:37	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AW
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**66.7 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AD**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AX
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	**0.72 B,J**	**1.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AE**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**68500 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AF**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AG
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AH
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AJ
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**1480**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ601AK**
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**18400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AL**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**59.6 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AM**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AN
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**2020 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AP**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AQ
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ601AR**
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AT
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ601AU
		Dilution Factor: 1		Analysis Time..: 19:11	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ601A4
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-002 **Matrix.....:** WG
Date Sampled...: 03/16/11 09:28 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	**374**	**50.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ691AA**
		Dilution Factor: 1		Analysis Time..: 17:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**1.4**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ691AC**
		Dilution Factor: 1		Analysis Time..: 17:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691A6
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFQ691AD
		Dilution Factor: 1		Analysis Time..: 17:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ691AE
		Dilution Factor: 1		Analysis Time..: 17:41	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691A7
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**25.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691AN**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691A8
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ691AP
		Dilution Factor: 1		Analysis Time..: 10:17	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**55400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691AQ**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691AR**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691AT
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691AU
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**1040**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ691AV**
		Dilution Factor: 1		Analysis Time..: 10:17	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**13200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691AW**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**92.2 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691AX**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**3.2 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691A0**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**1570 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691A1**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691A2
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**26800**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691A3**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ691A4
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**14.1 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ691A5**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ691AF
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-004 **Matrix.....:** WG
Date Sampled...: 03/16/11 10:40 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7D1AA
		Dilution Factor: 1		Analysis Time..: 17:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.2**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7D1AC**
		Dilution Factor: 1		Analysis Time..: 17:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A6
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7D1AD
		Dilution Factor: 1		Analysis Time..: 17:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7D1AE
		Dilution Factor: 1		Analysis Time..: 17:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A7
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**127 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7D1AN**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A8
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7D1AP
		Dilution Factor: 1		Analysis Time..: 10:23	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**79100 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7D1AQ**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1AR
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1AT
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1AU
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**1350**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7D1AV**
		Dilution Factor: 1		Analysis Time..: 10:23	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**22900 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7D1AW**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**93.2 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7D1AX**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A0
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**2000 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7D1A1**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A2
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**22600**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7D1A3**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A4
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7D1A5
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7D1AF
		Dilution Factor: 1		Analysis Time..: 16:12	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-005 **Matrix.....:** WG
Date Sampled...: 03/16/11 11:58 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7E1AA
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**0.40 B**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7E1AC**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1A6
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7E1AD
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7E1AE
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1A7
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**36.8 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1AN**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1A8
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7E1AP
		Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**80000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1AQ**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.2**	**10.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1AR**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	**2.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1AT**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1AU
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**433**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7E1AV**
		Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**15000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1AW**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**490 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1AX**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**62.8**	**40.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1A0**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**1480 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1A1**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1A2
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**83600**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7E1A3**
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1A4
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7E1A5
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7E1AF
		Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

TOTAL Metals

Lot-Sample #...: A1C170413-006 **Matrix.....:** WG
Date Sampled...: 03/16/11 12:20 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7F1AA
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7F1AC
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A6
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7F1AD
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7F1AE
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A7
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	ND	200	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1AN
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A8
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7F1AP
		Dilution Factor: 1		Analysis Time..: 10:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	ND	5000	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1AQ
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

TOTAL Metals

Lot-Sample #...: A1C170413-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1AR
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1AT
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1AU
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	ND	100	ug/L	SW846 6010B	03/18-03/25/11	MFQ7F1AV
		Dilution Factor: 1		Analysis Time..: 10:34	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	ND	5000	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1AW
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**0.41 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7F1AX**
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A0
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**171 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7F1A1**
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A2
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	ND	5000	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A3
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

TOTAL Metals

Lot-Sample #...: A1C170413-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A4
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7F1A5
		Dilution Factor: 1		Analysis Time..: 19:46	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7F1AF
		Dilution Factor: 1		Analysis Time..: 16:19	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-007 **Matrix.....:** WG
Date Sampled...: 03/16/11 14:17 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7H1AA
		Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.5**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7H1AC**
		Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1A6
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	**0.16 B**	**2.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7H1AD**
		Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7H1AE
		Dilution Factor: 1		Analysis Time..: 18:12	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1A7
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**119 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1AN**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1A8
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7H1AP
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**64700 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1AQ**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**8.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1AR**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1AT
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1AU
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**797**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7H1AV**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**22500 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1AW**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**45.6 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1AX**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**5.1 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1A0**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**2920 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1A1**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1A2
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**25300**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7H1A3**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1A4
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7H1A5
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7H1AF
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

TOTAL Metals

Lot-Sample #...: A1C170413-008 **Matrix.....:** WG
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7K1AA
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7K1AC**
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1A6
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	**0.49 B**	**2.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7K1AD**
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7K1AE
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1A7
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**128 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1AN**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1A8
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7K1AP
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**66800 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1AQ**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

TOTAL Metals

Lot-Sample #...: A1C170413-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**20.3**	**10.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1AR**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1AT
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1AU
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**973**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7K1AV**
		Dilution Factor: 1		Analysis Time..: 10:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**23600 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1AW**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**44.4 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1AX**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**5.9 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1A0**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**3250 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1A1**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1A2
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**26100**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1A3**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

TOTAL Metals

Lot-Sample #...: A1C170413-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7K1A4
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**6.3 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7K1A5**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7K1AF
		Dilution Factor: 1		Analysis Time..: 16:15	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

TOTAL Metals

Lot-Sample #...: A1C170413-009 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	**3900**	**50.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7Q1AA**
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**4.2**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7Q1AE**
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7Q1DW
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	**0.90 B**	**2.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7Q1AH**
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7Q1AL
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	**3.9**	**3.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1D1**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**298 J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1CE**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7Q1D4
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7Q1CH
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**196000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1CL**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

TOTAL Metals

Lot-Sample #...: A1C170413-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.3**	**10.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1CP**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	**2.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1CT**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	**5.6 B**	**25.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1CW**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**7670**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7Q1C1**
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**88200 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1C4**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**771 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1C7**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**9.9 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1DA**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**3630 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1DE**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7Q1DH
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**34400**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1DL**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

TOTAL Metals

Lot-Sample #...: A1C170413-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**9.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1DP**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**37.4 J**	**20.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7Q1DT**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7Q1AP
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-010 **Matrix.....:** WG
Date Sampled...: 03/16/11 16:33 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7T1AA
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**3.0**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7T1AC**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A6
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7T1AD
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	**0.22 B**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7T1AE**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A7
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**53.1 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7T1AN**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A8
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7T1AP
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**168000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7T1AQ**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-010 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1AR
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1AT
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1AU
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**6220**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7T1AV**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**20500 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7T1AW**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**125 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7T1AX**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	ND	40.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A0
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**3300 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7T1A1**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A2
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**20600**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7T1A3**
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

TOTAL Metals

Lot-Sample #...: A1C170413-010 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A4
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7T1A5
		Dilution Factor: 1		Analysis Time..: 20:20	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7T1AF
		Dilution Factor: 1		Analysis Time..: 16:08	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-011 **Matrix.....:** WG
Date Sampled...: 03/16/11 17:33 **Date Received..:** 03/17/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1077013						
Aluminum	**602**	**50.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7V1AA**
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**5.8**	**1.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7V1AC**
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7V1A6
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	**0.18 B**	**2.0**	**ug/L**	**SW846 6020**	**03/18-03/23/11**	**MFQ7V1AD**
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFQ7V1AE
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7V1A7
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**66.3 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1AN**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7V1A8
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	03/18-03/25/11	MFQ7V1AP
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**182000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1AQ**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-011 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1AR**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	**1.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1AT**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7V1AU
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**2720**	**100**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7V1AV**
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**12100 J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7V1AW**
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**550 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7V1AX**
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**3.5 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1A0**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**3380 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7V1A1**
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFQ7V1A2
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**29600**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1A3**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

TOTAL Metals

Lot-Sample #...: A1C170413-011 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**4.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**03/18-03/25/11**	**MFQ7V1A4**
		Dilution Factor: 1		Analysis Time..: 11:25	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**13.8 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFQ7V1A5**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFQ7V1AF
		Dilution Factor: 1		Analysis Time..: 16:13	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C180000-013 **Prep Batch #...:** 1077013						
Aluminum	ND	50.0	ug/L	SW846 6020	03/18-03/23/11	MFTX71AA
		Dilution Factor: 1				
		Analysis Time..: 17:25	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/18-03/23/11	MFTX71AD
		Dilution Factor: 1				
		Analysis Time..: 17:25	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFTX71AC
		Dilution Factor: 1				
		Analysis Time..: 17:25	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71A0
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Thallium	ND	1.0	ug/L	SW846 6020	03/18-03/23/11	MFTX71AE
		Dilution Factor: 1				
		Analysis Time..: 17:25	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71A1
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Barium	**1.2 B**	**200**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AG**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Selenium	ND	5.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71A2
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Beryllium	**0.67 B**	**1.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AH**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Calcium	**317 B**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AJ**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Chromium	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AK
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AL
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Copper	ND	25.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AM
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Iron	ND	100	ug/L	SW846 6010B	03/18-03/25/11	MFTX71AN
		Dilution Factor: 1				
		Analysis Time..: 10:00	Analyst ID.....: 002260		Instrument ID..: I5	
Magnesium	**76.3 B**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AP**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Manganese	**0.84 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AQ**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Nickel	ND	40.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AR
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Potassium	**184 B**	**5000**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AT**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Silver	ND	10.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AU
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Sodium	ND	5000	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AV
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Vanadium	ND	50.0	ug/L	SW846 6010B	03/18-03/23/11	MFTX71AW
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Zinc	**8.1 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/18-03/23/11**	**MFTX71AX**
		Dilution Factor: 1				
		Analysis Time..: 19:00	Analyst ID.....: 002260		Instrument ID..: I5	
Mercury	ND	0.20	ug/L	SW846 7470A	03/18-03/22/11	MFTX71AF
		Dilution Factor: 1				
		Analysis Time..: 16:01	Analyst ID.....: 001576		Instrument ID..: H1	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C180000-013 **Prep Batch #...:** 1077013					
Aluminum	98	(80 - 120)	SW846 6020	03/18-03/23/11	MFTX71A3
		Dilution Factor: 1	Analysis Time..: 17:30	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	92	(80 - 120)	SW846 6020	03/18-03/23/11	MFTX71A4
		Dilution Factor: 1	Analysis Time..: 17:30	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	92	(80 - 120)	SW846 6020	03/18-03/23/11	MFTX71A5
		Dilution Factor: 1	Analysis Time..: 17:30	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	93	(80 - 120)	SW846 6020	03/18-03/23/11	MFTX71A6
		Dilution Factor: 1	Analysis Time..: 17:30	Analyst ID.....: 000079	
		Instrument ID..: I8			
Cadmium	85	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CQ
		Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260	
		Instrument ID..: I5			
Lead	83	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CR
		Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260	
		Instrument ID..: I5			
Barium	91	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71A8
		Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260	
		Instrument ID..: I5			
Selenium	88	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CT
		Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260	
		Instrument ID..: I5			
Beryllium	90	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71A9
		Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260	
		Instrument ID..: I5			
Calcium	84	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CA
		Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	83	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CC
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Cobalt	81	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CD
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Copper	91	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CE
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Iron	95	(80 - 120)	SW846 6010B	03/18-03/25/11	MFTX71CF
	Dilution Factor: 1	Analysis Time..: 10:05	Analyst ID.....: 002260		
	Instrument ID..: I5				
Magnesium	82	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CG
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Manganese	82	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CH
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Nickel	85	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CJ
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Potassium	97	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CK
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Silver	92	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CL
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Sodium	89	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CM
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Vanadium	82	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CN
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	90	(80 - 120)	SW846 6010B	03/18-03/23/11	MFTX71CP
	Dilution Factor: 1	Analysis Time..: 19:06	Analyst ID.....: 002260		
	Instrument ID..: I5				
Mercury	105	(81 - 123)	SW846 7470A	03/18-03/22/11	MFTX71A7
	Dilution Factor: 1	Analysis Time..: 16:03	Analyst ID.....: 001576		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C180000-013 **Prep Batch #...:** 1077013							
Aluminum	10000	9820	ug/L	98	SW846 6020	03/18-03/23/11	MFTX71A3
			Dilution Factor: 1		Analysis Time..: 17:30	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	91.7	ug/L	92	SW846 6020	03/18-03/23/11	MFTX71A4
			Dilution Factor: 1		Analysis Time..: 17:30	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	92.3	ug/L	92	SW846 6020	03/18-03/23/11	MFTX71A5
			Dilution Factor: 1		Analysis Time..: 17:30	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	93.4	ug/L	93	SW846 6020	03/18-03/23/11	MFTX71A6
			Dilution Factor: 1		Analysis Time..: 17:30	Analyst ID.....: 000079	
			Instrument ID..: I8				
Cadmium	50.0	42.3	ug/L	85	SW846 6010B	03/18-03/23/11	MFTX71CQ
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Lead	500	415	ug/L	83	SW846 6010B	03/18-03/23/11	MFTX71CR
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Barium	2000	1820	ug/L	91	SW846 6010B	03/18-03/23/11	MFTX71A8
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Selenium	2000	1750	ug/L	88	SW846 6010B	03/18-03/23/11	MFTX71CT
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Beryllium	50.0	44.9	ug/L	90	SW846 6010B	03/18-03/23/11	MFTX71A9
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Calcium	50000	42000	ug/L	84	SW846 6010B	03/18-03/23/11	MFTX71CA
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	167	ug/L	83	SW846 6010B	03/18-03/23/11	MFTX71CC
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Cobalt	500	407	ug/L	81	SW846 6010B	03/18-03/23/11	MFTX71CD
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Copper	250	227	ug/L	91	SW846 6010B	03/18-03/23/11	MFTX71CE
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Iron	1000	955	ug/L	95	SW846 6010B	03/18-03/25/11	MFTX71CF
			Dilution Factor: 1		Analysis Time..: 10:05	Analyst ID.....: 002260	
			Instrument ID..: I5				
Magnesium	50000	40800	ug/L	82	SW846 6010B	03/18-03/23/11	MFTX71CG
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Manganese	500	411	ug/L	82	SW846 6010B	03/18-03/23/11	MFTX71CH
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Nickel	500	427	ug/L	85	SW846 6010B	03/18-03/23/11	MFTX71CJ
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Potassium	50000	48400	ug/L	97	SW846 6010B	03/18-03/23/11	MFTX71CK
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Silver	50.0	45.8	ug/L	92	SW846 6010B	03/18-03/23/11	MFTX71CL
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Sodium	50000	44400	ug/L	89	SW846 6010B	03/18-03/23/11	MFTX71CM
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Vanadium	500	409	ug/L	82	SW846 6010B	03/18-03/23/11	MFTX71CN
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	448	ug/L	90	SW846 6010B	03/18-03/23/11	MFTX71CP
			Dilution Factor: 1		Analysis Time..: 19:06	Analyst ID.....: 002260	
			Instrument ID..: I5				
Mercury	5.0	5.2	ug/L	105	SW846 7470A	03/18-03/22/11	MFTX71A7
			Dilution Factor: 1		Analysis Time..: 16:03	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C170413-009 **Prep Batch #...:** 1077013							
Aluminum	115	(63 - 128)			SW846 6020	03/18-03/23/11	MFQ7Q1AC
	106	(63 - 128)	6.0	(0-20)	SW846 6020	03/18-03/23/11	MFQ7Q1AD
		Dilution Factor: 1					
		Analysis Time..: 18:32			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	92	(44 - 153)			SW846 6020	03/18-03/23/11	MFQ7Q1AJ
	90	(44 - 153)	3.0	(0-20)	SW846 6020	03/18-03/23/11	MFQ7Q1AK
		Dilution Factor: 1					
		Analysis Time..: 18:32			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	90	(82 - 123)			SW846 6020	03/18-03/23/11	MFQ7Q1AF
	89	(82 - 123)	1.4	(0-20)	SW846 6020	03/18-03/23/11	MFQ7Q1AG
		Dilution Factor: 1					
		Analysis Time..: 18:32			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	83	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DX
	88	(75 - 125)	6.3	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1D0
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Thallium	99	(69 - 117)			SW846 6020	03/18-03/23/11	MFQ7Q1AM
	96	(69 - 117)	3.3	(0-20)	SW846 6020	03/18-03/23/11	MFQ7Q1AN
		Dilution Factor: 1					
		Analysis Time..: 18:32			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	82	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1D2
	87	(75 - 125)	5.3	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1D3
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Barium	93	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1CF
	91	(75 - 125)	2.3	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1CG
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Selenium	84	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1D5
	87	(75 - 125)	3.1	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1D6
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	96	(75 - 125)			SW846 6010B	03/18-03/25/11	MFQ7Q1CJ
	100	(75 - 125)	4.3	(0-20)	SW846 6010B	03/18-03/25/11	MFQ7Q1CK
		Dilution Factor: 1					
		Analysis Time..: 11:08			Instrument ID..: I5	Analyst ID.....: 002260	
Calcium	26 N	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1CM
	43 N	(75 - 125)	3.9	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1CN
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Chromium	85	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1CQ
	89	(75 - 125)	4.2	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1CR
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Cobalt	81	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1CU
	85	(75 - 125)	4.7	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1CV
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Copper	94	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1CX
	92	(75 - 125)	1.7	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1C0
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Iron	NC,MSB	(75 - 125)			SW846 6010B	03/18-03/25/11	MFQ7Q1C2
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/18-03/25/11	MFQ7Q1C3
		Dilution Factor: 1					
		Analysis Time..: 11:08			Instrument ID..: I5	Analyst ID.....: 002260	
Magnesium	59 N	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1C5
	72 N	(75 - 125)	5.6	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1C6
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Manganese	68 N	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1C8
	75	(75 - 125)	3.2	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1C9
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Nickel	86	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DC
	91	(75 - 125)	5.1	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1DD
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	104	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DF
	99	(75 - 125)	4.4	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1DG
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Silver	95	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DJ
	95	(75 - 125)	0.37	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1DK
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Sodium	100	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DM
	95	(75 - 125)	3.0	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1DN
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Vanadium	81	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DQ
	83	(75 - 125)	2.6	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1DR
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Zinc	90	(75 - 125)			SW846 6010B	03/18-03/23/11	MFQ7Q1DU
	94	(75 - 125)	3.7	(0-20)	SW846 6010B	03/18-03/23/11	MFQ7Q1DV
		Dilution Factor: 1					
		Analysis Time..: 20:09			Instrument ID..: I5	Analyst ID.....: 002260	
Mercury	107	(69 - 134)			SW846 7470A	03/18-03/22/11	MFQ7Q1AQ
	108	(69 - 134)	0.65	(0-20)	SW846 7470A	03/18-03/22/11	MFQ7Q1AR
		Dilution Factor: 1					
		Analysis Time..: 16:05			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C170413-009 **Prep Batch #...:** 1077013									
Aluminum									
	3900	10000	15400	ug/L	115		SW846 6020	03/18-03/23/11	MFQ7Q1AC
	3900	10000	14500	ug/L	106	6.0	SW846 6020	03/18-03/23/11	MFQ7Q1AD
			Dilution Factor: 1						
			Analysis Time..: 18:32		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	0.90	100	93.3	ug/L	92		SW846 6020	03/18-03/23/11	MFQ7Q1AJ
	0.90	100	90.5	ug/L	90	3.0	SW846 6020	03/18-03/23/11	MFQ7Q1AK
			Dilution Factor: 1						
			Analysis Time..: 18:32		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	4.2	100	94.7	ug/L	90		SW846 6020	03/18-03/23/11	MFQ7Q1AF
	4.2	100	93.4	ug/L	89	1.4	SW846 6020	03/18-03/23/11	MFQ7Q1AG
			Dilution Factor: 1						
			Analysis Time..: 18:32		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	41.5	ug/L	83		SW846 6010B	03/18-03/23/11	MFQ7Q1DX
	ND	50.0	44.2	ug/L	88	6.3	SW846 6010B	03/18-03/23/11	MFQ7Q1D0
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Thallium									
	ND	100	99.1	ug/L	99		SW846 6020	03/18-03/23/11	MFQ7Q1AM
	ND	100	95.8	ug/L	96	3.3	SW846 6020	03/18-03/23/11	MFQ7Q1AN
			Dilution Factor: 1						
			Analysis Time..: 18:32		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	3.9	500	414	ug/L	82		SW846 6010B	03/18-03/23/11	MFQ7Q1D2
	3.9	500	437	ug/L	87	5.3	SW846 6010B	03/18-03/23/11	MFQ7Q1D3
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Barium									
	298	2000	2160	ug/L	93		SW846 6010B	03/18-03/23/11	MFQ7Q1CF
	298	2000	2110	ug/L	91	2.3	SW846 6010B	03/18-03/23/11	MFQ7Q1CG
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	1690	ug/L	84		SW846 6010B	03/18-03/23/11	MFQ7Q1D5
	ND	2000	1740	ug/L	87	3.1	SW846 6010B	03/18-03/23/11	MFQ7Q1D6
			Dilution Factor: 1						
			Analysis Time..: 20:09	Instrument ID..: I5			Analyst ID.....: 002260		
Beryllium									
	ND	50.0	47.8	ug/L	96		SW846 6010B	03/18-03/25/11	MFQ7Q1CJ
	ND	50.0	49.9	ug/L	100	4.3	SW846 6010B	03/18-03/25/11	MFQ7Q1CK
			Dilution Factor: 1						
			Analysis Time..: 11:08	Instrument ID..: I5			Analyst ID.....: 002260		
Calcium									
	196000	50000	209000	ug/L	26		SW846 6010B	03/18-03/23/11	MFQ7Q1CM
			Qualifiers: N						
	196000	50000	217000	ug/L	43	3.9	SW846 6010B	03/18-03/23/11	MFQ7Q1CN
			Qualifiers: N						
			Dilution Factor: 1						
			Analysis Time..: 20:09	Instrument ID..: I5			Analyst ID.....: 002260		
Chromium									
	14.3	200	184	ug/L	85		SW846 6010B	03/18-03/23/11	MFQ7Q1CQ
	14.3	200	192	ug/L	89	4.2	SW846 6010B	03/18-03/23/11	MFQ7Q1CR
			Dilution Factor: 1						
			Analysis Time..: 20:09	Instrument ID..: I5			Analyst ID.....: 002260		
Cobalt									
	2.7	500	406	ug/L	81		SW846 6010B	03/18-03/23/11	MFQ7Q1CU
	2.7	500	426	ug/L	85	4.7	SW846 6010B	03/18-03/23/11	MFQ7Q1CV
			Dilution Factor: 1						
			Analysis Time..: 20:09	Instrument ID..: I5			Analyst ID.....: 002260		
Copper									
	5.6	250	239	ug/L	94		SW846 6010B	03/18-03/23/11	MFQ7Q1CX
	5.6	250	235	ug/L	92	1.7	SW846 6010B	03/18-03/23/11	MFQ7Q1C0
			Dilution Factor: 1						
			Analysis Time..: 20:09	Instrument ID..: I5			Analyst ID.....: 002260		
Iron									
	7670	1000	9630	ug/L			SW846 6010B	03/18-03/25/11	MFQ7Q1C2
			Qualifiers: NC,MSB						
	7670	1000	11400	ug/L			SW846 6010B	03/18-03/25/11	MFQ7Q1C3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 11:08	Instrument ID..: I5			Analyst ID.....: 002260		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	88200	50000	118000	ug/L	59		SW846 6010B	03/18-03/23/11	MFQ7Q1C5
			Qualifiers: N						
	88200	50000	124000	ug/L	72	5.6	SW846 6010B	03/18-03/23/11	MFQ7Q1C6
			Qualifiers: N						
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Manganese									
	771	500	1110 N	ug/L	68		SW846 6010B	03/18-03/23/11	MFQ7Q1C8
	771	500	1150	ug/L	75	3.2	SW846 6010B	03/18-03/23/11	MFQ7Q1C9
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Nickel									
	9.9	500	442	ug/L	86		SW846 6010B	03/18-03/23/11	MFQ7Q1DC
	9.9	500	465	ug/L	91	5.1	SW846 6010B	03/18-03/23/11	MFQ7Q1DD
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Potassium									
	3630	50000	55700	ug/L	104		SW846 6010B	03/18-03/23/11	MFQ7Q1DF
	3630	50000	53300	ug/L	99	4.4	SW846 6010B	03/18-03/23/11	MFQ7Q1DG
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Silver									
	ND	50.0	47.3	ug/L	95		SW846 6010B	03/18-03/23/11	MFQ7Q1DJ
	ND	50.0	47.5	ug/L	95	0.37	SW846 6010B	03/18-03/23/11	MFQ7Q1DK
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Sodium									
	34400	50000	84300	ug/L	100		SW846 6010B	03/18-03/23/11	MFQ7Q1DM
	34400	50000	81800	ug/L	95	3.0	SW846 6010B	03/18-03/23/11	MFQ7Q1DN
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Vanadium									
	9.7	500	416	ug/L	81		SW846 6010B	03/18-03/23/11	MFQ7Q1DQ
	9.7	500	427	ug/L	83	2.6	SW846 6010B	03/18-03/23/11	MFQ7Q1DR
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	37.4	500	488	ug/L	90		SW846 6010B	03/18-03/23/11	MFQ7Q1DU
	37.4	500	506	ug/L	94	3.7	SW846 6010B	03/18-03/23/11	MFQ7Q1DV
			Dilution Factor: 1						
			Analysis Time..: 20:09		Instrument ID..: I5			Analyst ID.....: 002260	
Mercury									
	ND	1.0	1.1	ug/L	107		SW846 7470A	03/18-03/22/11	MFQ7Q1AQ
	ND	1.0	1.1	ug/L	108	0.65	SW846 7470A	03/18-03/22/11	MFQ7Q1AR
			Dilution Factor: 1						
			Analysis Time..: 16:05		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113B-031611

General Chemistry

Lot-Sample #...: A1C170413-001 **Work Order #...:** MFQ60 **Matrix.....:** WG
Date Sampled...: 03/16/11 08:32 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**32.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**38.7**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT113A-031611

General Chemistry

Lot-Sample #...: A1C170413-002 **Work Order #...:** MFQ69 **Matrix.....:** WG
Date Sampled...: 03/16/11 09:28 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**53.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**17.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT112B-031611

General Chemistry

Lot-Sample #...: A1C170413-004 **Work Order #...:** MFQ7D **Matrix.....:** WG
Date Sampled...: 03/16/11 10:40 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**51.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**98.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611

General Chemistry

Lot-Sample #...: A1C170413-005 **Work Order #...:** MFQ7E **Matrix.....:** WG
Date Sampled...: 03/16/11 11:58 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**138**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**83.1**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102A-031611-E

General Chemistry

Lot-Sample #...: A1C170413-006 **Work Order #...:** MFQ7F **Matrix.....:** WG
Date Sampled...: 03/16/11 12:20 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**0.29 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**0.40 B**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611

General Chemistry

Lot-Sample #...: A1C170413-007 **Work Order #...:** MFQ7H **Matrix.....:** WG
Date Sampled...: 03/16/11 14:17 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**48.8**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**38.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102B-031611-D

General Chemistry

Lot-Sample #...: A1C170413-008 **Work Order #...:** MFQ7K **Matrix.....:** WG
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**48.9**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**38.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT102C-031611

General Chemistry

Lot-Sample #...: A1C170413-009 **Work Order #...:** MFQ7Q **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**49.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**17.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 1		MDL.....: 0.12		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT118B-031611

General Chemistry

Lot-Sample #...: A1C170413-010 **Work Order #...:** MFQ7T **Matrix.....:** WG
Date Sampled...: 03/16/11 16:33 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**33.0**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**220**	**2.0**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1082107**
		Dilution Factor: 2		MDL.....: 0.24		

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT111A-031611

General Chemistry

Lot-Sample #...: A1C170413-011 **Work Order #...:** MFQ7V **Matrix.....:** WG
Date Sampled...: 03/16/11 17:33 **Date Received..:** 03/17/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.53**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081235**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**25.3**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081230**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**300**	**5.0**	**mg/L**	**MCAWW 300.0A**	**03/21/11**	**1081247**
		Dilution Factor: 5		MDL.....: 0.60		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MF1Q11AA		MB Lot-Sample #:	A1C220000-234	
	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1				
Bromide		Work Order #: MF1Q21AA		MB Lot-Sample #:	A1C220000-235	
	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081235
		Dilution Factor: 1				
Chloride		Work Order #: MF1QR1AA		MB Lot-Sample #:	A1C220000-230	
	ND	1.0	mg/L	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MF0DL1AA		MB Lot-Sample #:	A1C210000-316	
	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1				
Sulfate		Work Order #: MF1Q61AA		MB Lot-Sample #:	A1C220000-247	
	ND	1.0	mg/L	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1				
Sulfate		Work Order #: MF2A81AA		MB Lot-Sample #:	A1C230000-107	
	ND	1.0	mg/L	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1				
Total Cyanide		Work Order #: MF0A61AA		MB Lot-Sample #:	A1C210000-299	
	ND	0.010	mg/L	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C170413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MF1Q11AC-LCS/MF1Q11AD-LCSD LCS Lot-Sample#: A1C220000-234					
	94	(90 - 110)			MCAWW 300.0A	03/21/11	1081234
	97	(90 - 110)	2.6	(0-20)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1					
Bromide		WO#:MF1Q21AC-LCS/MF1Q21AD-LCSD LCS Lot-Sample#: A1C220000-235					
	100	(90 - 110)			MCAWW 300.0A	03/21/11	1081235
	100	(90 - 110)	0.0	(0-20)	MCAWW 300.0A	03/21/11	1081235
		Dilution Factor: 1					
Chloride		WO#:MF1QR1AC-LCS/MF1QR1AD-LCSD LCS Lot-Sample#: A1C220000-230					
	102	(90 - 110)			MCAWW 300.0A	03/21/11	1081230
	100	(90 - 110)	1.7	(0-20)	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1					
Sulfate		WO#:MF1Q61AC-LCS/MF1Q61AD-LCSD LCS Lot-Sample#: A1C220000-247					
	98	(90 - 110)			MCAWW 300.0A	03/21/11	1081247
	99	(90 - 110)	0.30	(0-20)	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1					
Sulfate		WO#:MF2A81AC-LCS/MF2A81AD-LCSD LCS Lot-Sample#: A1C230000-107					
	96	(90 - 110)			MCAWW 300.0A	03/22/11	1082107
	96	(90 - 110)	0.18	(0-20)	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C170413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MF1Q11AC-LCS/MF1Q11AD-LCSD LCS Lot-Sample#: A1C220000-234						
	10.0	9.4	mg/L	94		MCAWW 300.0A	03/21/11	1081234
	10.0	9.7	mg/L	97	2.6	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1						
Bromide		WO#:MF1Q21AC-LCS/MF1Q21AD-LCSD LCS Lot-Sample#: A1C220000-235						
	10.0	10.0	mg/L	100		MCAWW 300.0A	03/21/11	1081235
	10.0	10.0	mg/L	100	0.0	MCAWW 300.0A	03/21/11	1081235
		Dilution Factor: 1						
Chloride		WO#:MF1QR1AC-LCS/MF1QR1AD-LCSD LCS Lot-Sample#: A1C220000-230						
	50.0	51.0	mg/L	102		MCAWW 300.0A	03/21/11	1081230
	50.0	50.1	mg/L	100	1.7	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1						
Sulfate		WO#:MF1Q61AC-LCS/MF1Q61AD-LCSD LCS Lot-Sample#: A1C220000-247						
	50.0	49.2	mg/L	98		MCAWW 300.0A	03/21/11	1081247
	50.0	49.4	mg/L	99	0.30	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1						
Sulfate		WO#:MF2A81AC-LCS/MF2A81AD-LCSD LCS Lot-Sample#: A1C230000-107						
	50.0	47.9	mg/L	96		MCAWW 300.0A	03/22/11	1082107
	50.0	48.0	mg/L	96	0.18	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MF0DL1AC	LCS Lot-Sample#: A1C210000-316		
	116	(69 - 118)	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1			
Total Cyanide		Work Order #: MF0A61AC	LCS Lot-Sample#: A1C210000-299		
	114	(69 - 118)	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: MF0DL1AC		LCS Lot-Sample#: A1C210000-316		
	0.33	0.38	mg/L	116	SW846 9012A	03/21/11	1080316
			Dilution Factor: 1				
Total Cyanide			Work Order #: MF0A61AC		LCS Lot-Sample#: A1C210000-299		
	0.33	0.37	mg/L	114	SW846 9012A	03/21/11	1080299
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER
Date Sampled...: 03/21/11 10:50 **Date Received..:** 03/22/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MFPRF1AU-MS/MFPRF1AV-MSD				MS Lot-Sample #: A1C160476-003	
	106	(80 - 120)			MCAWW 300.0A	03/21/11	1081234
	99	(80 - 120)	6.9	(0-20)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1					
Sulfate		WO#: MFPRF1A2-MS/MFPRF1A3-MSD				MS Lot-Sample #: A1C160476-003	
	120	(80 - 120)			MCAWW 300.0A	03/22/11	1082107
	128 N	(80 - 120)	2.1	(0-20)	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1					
Total Cyanide		WO#: MFV4X1AX-MS/MFV4X1A0-MSD				MS Lot-Sample #: A1C180541-016	
	107	(42 - 140)			SW846 9012A	03/21/11	1080299
	102	(42 - 140)	4.3	(0-20)	SW846 9012A	03/21/11	1080299
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER
Date Sampled...: 03/21/11 10:50 **Date Received..:** 03/22/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MFPRF1AU-MS/MFPRF1AV-MSD				MS Lot-Sample #: A1C160476-003		
	ND	10.0	10.6	mg/L	106		MCAWW 300.0A	03/21/11	1081234
	ND	10.0	9.9	mg/L	99	6.9	MCAWW 300.0A	03/21/11	1081234
			Dilution Factor: 1						
Sulfate			WO#: MFPRF1A2-MS/MFPRF1A3-MSD				MS Lot-Sample #: A1C160476-003		
	116	50.0	176	mg/L	120		MCAWW 300.0A	03/22/11	1082107
	116	50.0	180 N	mg/L	128	2.1	MCAWW 300.0A	03/22/11	1082107
			Dilution Factor: 1						
Total Cyanide			WO#: MFV4X1AX-MS/MFV4X1A0-MSD				MS Lot-Sample #: A1C180541-016		
	ND	0.040	0.045	mg/L	107		SW846 9012A	03/21/11	1080299
	ND	0.040	0.043	mg/L	102	4.3	SW846 9012A	03/21/11	1080299
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: MFQ7Q1AU-MS/MFQ7Q1AV-MSD				MS Lot-Sample #: A1C170413-009	
	96	(80 - 120)			MCAWW 300.0A	03/21/11	1081234
	95	(80 - 120)	1.4	(0-20)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1					
Chloride		WO#: MFQ7Q1AX-MS/MFQ7Q1A0-MSD				MS Lot-Sample #: A1C170413-009	
	116	(80 - 120)			MCAWW 300.0A	03/21/11	1081230
	114	(80 - 120)	1.0	(0-20)	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1					
Cyanide, Total		WO#: MFQ7Q1A5-MS/MFQ7Q1A6-MSD				MS Lot-Sample #: A1C170413-009	
	105	(42 - 140)			SW846 9012A	03/21/11	1080316
	106	(42 - 140)	0.45	(0-20)	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1					
Sulfate		WO#: MFQ7Q1A2-MS/MFQ7Q1A3-MSD				MS Lot-Sample #: A1C170413-009	
	107	(80 - 120)			MCAWW 300.0A	03/21/11	1081247
	105	(80 - 120)	0.86	(0-20)	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide			WO#: MFQ7Q1AU-MS/MFQ7Q1AV-MSD		MS Lot-Sample #: A1C170413-009				
	ND	10.0	9.6	mg/L	96		MCAWW 300.0A	03/21/11	1081234
	ND	10.0	9.5	mg/L	95	1.4	MCAWW 300.0A	03/21/11	1081234
			Dilution Factor: 1						
Chloride			WO#: MFQ7Q1AX-MS/MFQ7Q1A0-MSD		MS Lot-Sample #: A1C170413-009				
	49.4	50.0	107	mg/L	116		MCAWW 300.0A	03/21/11	1081230
	49.4	50.0	106	mg/L	114	1.0	MCAWW 300.0A	03/21/11	1081230
			Dilution Factor: 1						
Cyanide, Total			WO#: MFQ7Q1A5-MS/MFQ7Q1A6-MSD		MS Lot-Sample #: A1C170413-009				
	ND	0.040	0.044	mg/L	105		SW846 9012A	03/21/11	1080316
	ND	0.040	0.044	mg/L	106	0.45	SW846 9012A	03/21/11	1080316
			Dilution Factor: 1						
Sulfate			WO#: MFQ7Q1A2-MS/MFQ7Q1A3-MSD		MS Lot-Sample #: A1C170413-009				
	17.4	50.0	70.7	mg/L	107		MCAWW 300.0A	03/21/11	1081247
	17.4	50.0	70.1	mg/L	105	0.86	MCAWW 300.0A	03/21/11	1081247
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFQ7K1CA		MS Lot-Sample #: A1C170413-008	
	100	(80 - 120)	MCAWW 300.0A	03/21/11	1081234
		Dilution Factor: 1			
Chloride		Work Order #...: MFQ7K1A9		MS Lot-Sample #: A1C170413-008	
	121 N	(80 - 120)	MCAWW 300.0A	03/21/11	1081230
		Dilution Factor: 1			
Sulfate		Work Order #...: MFQ7K1CC		MS Lot-Sample #: A1C170413-008	
	118	(80 - 120)	MCAWW 300.0A	03/21/11	1081247
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WG
Date Sampled...: 03/16/11 14:26 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFQ7K1CA			MS Lot-Sample #: A1C170413-008		
	ND	10.0	10.0	mg/L	100	MCAWW 300.0A	03/21/11	1081234
			Dilution Factor: 1					
Chloride			Work Order #...: MFQ7K1A9			MS Lot-Sample #: A1C170413-008		
	48.9	50.0	109 N	mg/L	121	MCAWW 300.0A	03/21/11	1081230
			Dilution Factor: 1					
Sulfate			Work Order #...: MFQ7K1CC			MS Lot-Sample #: A1C170413-008		
	38.0	50.0	97.0	mg/L	118	MCAWW 300.0A	03/21/11	1081247
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFV2W1CA		MS Lot-Sample #: A1C180537-001	
	101	(80 - 120)	MCAWW 300.0A	03/22/11	1081235
		Dilution Factor: 1			
Sulfate		Work Order #...: MF1NA1AN		MS Lot-Sample #: A1C220532-001	
	111	(80 - 120)	MCAWW 300.0A	03/22/11	1082107
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C170413 **Matrix.....:** WATER
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFV2W1CA			MS Lot-Sample #: A1C180537-001		
	0.19	10.0	10.3	mg/L	101	MCAWW 300.0A	03/22/11	1081235
			Dilution Factor: 1					
Sulfate			Work Order #...: MF1NA1AN			MS Lot-Sample #: A1C220532-001		
	38.4	50.0	93.8	mg/L	111	MCAWW 300.0A	03/22/11	1082107
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 39611-40

HIMCO

Lot #: A1C180537

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
4/8/2011 1:51 PM

Amy L. McCormick
Project Manager
amy.mccormick@testamericainc.com

April 08, 2011

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 10
Sample Summary 12
Shipping and Receiving Documents 14
GC/MS Volatile Data 18
GC/MS Semivolatile Data 29
Inorganic/Metals Data 40
General Chemistry Data 60

Total # of Pages in this Document 71

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1C180537

The following report contains the analytical results for one water sample and one quality control sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO Site, project number 39611-40. The samples were received March 18, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on March 31, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 3.6 and 4.0°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for batch(es) 1080012 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

CASE NARRATIVE (continued)

METALS (continued)

No ICP Trace or ICP MS Form IX was provided for batch(es) 1080012. The serial dilutions were performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for GW-WTB1-031711 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1C180537

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WTB1-031711 03/17/11 08:55 001				
Barium	139 B,J	200	ug/L	SW846 6010B
Beryllium	0.52 B	1.0	ug/L	SW846 6010B
Calcium	48000 J	5000	ug/L	SW846 6010B
Iron	545	100	ug/L	SW846 6010B
Magnesium	19400 J	5000	ug/L	SW846 6010B
Manganese	34.7 J	15.0	ug/L	SW846 6010B
Nickel	11.8 B	40.0	ug/L	SW846 6010B
Potassium	1970 B,J	5000	ug/L	SW846 6010B
Sodium	53500	5000	ug/L	SW846 6010B
Zinc	30.6 J	20.0	ug/L	SW846 6010B
Methylene chloride	0.37 J,B	1.0	ug/L	SW846 8260B
Chloride	67.6	1.0	mg/L	MCAWW 300.0A
Bromide	0.19 B	0.50	mg/L	MCAWW 300.0A
TRIP BLANK-031711-008 03/17/11 09:00 002				
Chloroform	0.21 J	1.0	ug/L	SW846 8260B

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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1C180537

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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SAMPLE SUMMARY

SAMPLE SUMMARY

A1C180537

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MFV2W	001	GW-WTB1-031711	03/17/11	08:55
MFV2X	002	TRIP BLANK-031711-008	03/17/11	09:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING
AND
RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TestAmerica

REFERENCE NUMBER: 39611-48

PROJECT NAME: Hilco

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** T. Prayer

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	SVOCs	Metals	Cyanide	Bromide	Chloride	Sulfate				REMARKS
1	3/17/11	855	GW-WTBI-031711	Water	8	X	X	X	X	X	X	X				
2	3/17/11	900	TRIP BLANK-031711-008	Water	1	X										
			TOTAL NUMBER OF CONTAINERS		9											

RELINQUISHED BY: ① T. Prayer	DATE: 3/17/11 TIME: 1600	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4103

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: T. Prayer, Shawn Miller

RECEIVED FOR LABORATORY BY: _____ DATE: 3/18/11 TIME: 945

2398

400001-00(SOURCE)GN-CO007

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 410180537
North Canton Facility

Client CRA Project Himco By: [signature] (Signature)
Cooler Received on 3-18-11 Opened on 3-18-11
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 4 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____ BACK →
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
WTB1	LZ 712	3-18-11	CSL

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
A721	3.6	IR	Ice
A704	4.0	+	I

Discrepancies Cont'd:

TestAmerica
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GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

GC/MS Volatiles

Lot-Sample #...: A1C180537-001 **Work Order #...:** MFV2W1AA **Matrix.....:** WG
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11
Prep Date.....: 03/24/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1087100
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	**0.37 J,B**	**1.0**	**ug/L**	**0.33**
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

GC/MS Volatiles

Lot-Sample #...: A1C180537-001 **Work Order #...:** MFV2W1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	79	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031711-008

GC/MS Volatiles

Lot-Sample #...: A1C180537-002 **Work Order #...:** MFV2X1AA **Matrix.....:** WQ
Date Sampled...: 03/17/11 09:00 **Date Received..:** 03/18/11
Prep Date.....: 03/24/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1087100
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**0.21 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

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Conestoga Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-031711-008

GC/MS Volatiles

Lot-Sample #...: A1C180537-002 **Work Order #...:** MFV2X1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	82	(74 - 115)
4-Bromofluorobenzene	80	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C180537 **Work Order #...:** MF8MM1AA **Matrix.....:** WATER
MB Lot-Sample #: A1C280000-100

Prep Date.....: 03/24/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/24/11 **Prep Batch #...:** 1087100
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.38 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1C180537 **Work Order #...:** MF8MM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
1,2-Dichloroethane-d4	82	(63 - 129)
Toluene-d8	84	(74 - 115)
4-Bromofluorobenzene	85	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C180537 **Work Order #...:** MF8MM1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C280000-100
Prep Date.....: 03/24/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1087100
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(83 - 112)**	**SW846 8260B**
Chlorobenzene	**90**	**(85 - 110)**	**SW846 8260B**
1,1-Dichloroethene	**99**	**(78 - 131)**	**SW846 8260B**
Toluene	**94**	**(84 - 111)**	**SW846 8260B**
Trichloroethene	**92**	**(76 - 117)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
1,2-Dichloroethane-d4	80	(63 - 129)
Toluene-d8	83	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C180537 **Work Order #...:** MF8MM1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1C280000-100
Prep Date.....: 03/24/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1087100
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10**	**9.4**	**ug/L**	**94**	**SW846 8260B**
Chlorobenzene	**10**	**9.0**	**ug/L**	**90**	**SW846 8260B**
1,1-Dichloroethene	**10**	**9.9**	**ug/L**	**99**	**SW846 8260B**
Toluene	**10**	**9.4**	**ug/L**	**94**	**SW846 8260B**
Trichloroethene	**10**	**9.2**	**ug/L**	**92**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
1,2-Dichloroethane-d4	80	(63 - 129)
Toluene-d8	83	(74 - 115)
4-Bromofluorobenzene	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1C180537 **Work Order #...:** MFWDW1A2-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C180601-001 MFWDW1A3-MSD
Date Sampled...: 03/17/11 08:25 **Date Received..:** 03/18/11
Prep Date.....: 03/24/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1087100
Dilution Factor: 5 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**95**	**(72 - 121)**			**SW846 8260B**
	96	**(72 - 121)**	**0.09**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**89**	**(80 - 110)**			**SW846 8260B**
	89	**(80 - 110)**	**0.02**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**101**	**(74 - 135)**			**SW846 8260B**
	100	**(74 - 135)**	**0.15**	**(0-30)**	**SW846 8260B**
Toluene	**90**	**(78 - 114)**			**SW846 8260B**
	91	**(78 - 114)**	**1.2**	**(0-30)**	**SW846 8260B**
Trichloroethene	**90**	**(66 - 120)**			**SW846 8260B**
	92	**(66 - 120)**	**2.9**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
	81	(75 - 121)
1,2-Dichloroethane-d4	78	(63 - 129)
	79	(63 - 129)
Toluene-d8	81	(74 - 115)
	81	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)
	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1C180537 **Work Order #...:** MFWDW1A2-MS **Matrix.....:** WATER
MS Lot-Sample #: A1C180601-001 MFWDW1A3-MSD
Date Sampled...: 03/17/11 08:25 **Date Received..:** 03/18/11
Prep Date.....: 03/24/11 **Analysis Date..:** 03/24/11
Prep Batch #...: 1087100
Dilution Factor: 5 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**190**	**50**	**230**	**ug/L**	**95**		**SW846 8260B**
	190	**50**	**230**	**ug/L**	**96**	**0.09**	**SW846 8260B**
Chlorobenzene	**ND**	**50**	**44**	**ug/L**	**89**		**SW846 8260B**
	ND	**50**	**44**	**ug/L**	**89**	**0.02**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50**	**50**	**ug/L**	**101**		**SW846 8260B**
	ND	**50**	**50**	**ug/L**	**100**	**0.15**	**SW846 8260B**
Toluene	**ND**	**50**	**45**	**ug/L**	**90**		**SW846 8260B**
	ND	**50**	**46**	**ug/L**	**91**	**1.2**	**SW846 8260B**
Trichloroethene	**ND**	**50**	**45**	**ug/L**	**90**		**SW846 8260B**
	ND	**50**	**46**	**ug/L**	**92**	**2.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(75 - 121)
	81	(75 - 121)
1,2-Dichloroethane-d4	78	(63 - 129)
	79	(63 - 129)
Toluene-d8	81	(74 - 115)
	81	(74 - 115)
4-Bromofluorobenzene	93	(66 - 117)
	94	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

GC/MS Semivolatiles

Lot-Sample #...: A1C180537-001 **Work Order #...:** MFV2W1AC **Matrix.....:** WG
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11
Prep Date.....: 03/21/11 **Analysis Date..:** 03/28/11
Prep Batch #...: 1080034
Dilution Factor: 1 **Initial Wgt/Vol:** 970 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

GC/MS Semivolatiles

Lot-Sample #...: A1C180537-001 **Work Order #...:** MFV2W1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

GC/MS Semivolatiles

Lot-Sample #...: A1C180537-001 **Work Order #...:** MFV2W1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	68	(37 - 119)
Phenol-d5	58	(10 - 110)
2-Fluorophenol	60	(10 - 110)
2,4,6-Tribromophenol	54	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AA **Matrix.....:** WATER
MB Lot-Sample #: A1C210000-034

Prep Date.....: 03/21/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/29/11 **Prep Batch #...:** 1080034
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	63	(10 - 110)
2-Fluorophenol	64	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C210000-034 MFXD71AD-LCSD
Prep Date.....: 03/21/11 **Analysis Date..:** 03/29/11
Prep Batch #...: 1080034
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**64**	**(40 - 110)**			**SW846 8270C**
	54	**(40 - 110)**	**17**	**(0-30)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**60**	**(25 - 110)**			**SW846 8270C**
	50	**(25 - 110)**	**19**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**65**	**(19 - 110)**			**SW846 8270C**
	53	**(19 - 110)**	**22**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(39 - 110)**			**SW846 8270C**
	60	**(39 - 110)**	**11**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**70**	**(27 - 110)**			**SW846 8270C**
	60	**(27 - 110)**	**14**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**67**	**(52 - 123)**			**SW846 8270C**
	60	**(52 - 123)**	**11**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**67**	**(12 - 130)**			**SW846 8270C**
	56	**(12 - 130)**	**18**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**60**	**(37 - 121)**			**SW846 8270C**
	52	**(37 - 121)**	**13**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**54**	**(26 - 110)**			**SW846 8270C**
	47	**(26 - 110)**	**14**	**(0-30)**	**SW846 8270C**
Phenol	**69**	**(14 - 112)**			**SW846 8270C**
	59	**(14 - 112)**	**15**	**(0-30)**	**SW846 8270C**
Pyrene	**64**	**(55 - 120)**			**SW846 8270C**
	56	**(55 - 120)**	**13**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
	56	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
	51	(28 - 110)
Terphenyl-d14	72	(37 - 119)
	63	(37 - 119)
Phenol-d5	67	(10 - 110)
	58	(10 - 110)
2-Fluorophenol	68	(10 - 110)
	59	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C210000-034 MFXD71AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(22 - 120)
	59	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C210000-034 MFXD71AD-LCSD
Prep Date.....: 03/21/11 **Analysis Date..:** 03/29/11
Prep Batch #...: 1080034
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	**20**	**13**	**ug/L**	**64**		**SW846 8270C**
	20	**11**	**ug/L**	**54**	**17**	**SW846 8270C**
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**60**		**SW846 8270C**
	20	**9.9**	**ug/L**	**50**	**19**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**13**	**ug/L**	**65**		**SW846 8270C**
	20	**11**	**ug/L**	**53**	**22**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**66**		**SW846 8270C**
	20	**12**	**ug/L**	**60**	**11**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**70**		**SW846 8270C**
	20	**12**	**ug/L**	**60**	**14**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**13**	**ug/L**	**67**		**SW846 8270C**
	20	**12**	**ug/L**	**60**	**11**	**SW846 8270C**
4-Nitrophenol	**20**	**13**	**ug/L**	**67**		**SW846 8270C**
	20	**11**	**ug/L**	**56**	**18**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**12**	**ug/L**	**60**		**SW846 8270C**
	20	**10**	**ug/L**	**52**	**13**	**SW846 8270C**
Pentachlorophenol	**20**	**11**	**ug/L**	**54**		**SW846 8270C**
	20	**9.5**	**ug/L**	**47**	**14**	**SW846 8270C**
Phenol	**20**	**14**	**ug/L**	**69**		**SW846 8270C**
	20	**12**	**ug/L**	**59**	**15**	**SW846 8270C**
Pyrene	**20**	**13**	**ug/L**	**64**		**SW846 8270C**
	20	**11**	**ug/L**	**56**	**13**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
	56	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
	51	(28 - 110)
Terphenyl-d14	72	(37 - 119)
	63	(37 - 119)
Phenol-d5	67	(10 - 110)
	58	(10 - 110)
2-Fluorophenol	68	(10 - 110)
	59	(10 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1C180537 **Work Order #...:** MFXD71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A1C210000-034 MFXD71AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(22 - 120)
	59	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

TOTAL Metals

Lot-Sample #...: A1C180537-001 **Matrix.....:** WG
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1080012						
Aluminum	ND	50.0	ug/L	SW846 6020	03/21-03/22/11	MFV2W1A0
		Dilution Factor: 1		Analysis Time..: 19:04	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	1.0	ug/L	SW846 6020	03/21-03/22/11	MFV2W1A1
		Dilution Factor: 1		Analysis Time..: 19:04	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AV
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	ND	2.0	ug/L	SW846 6020	03/21-03/23/11	MFV2W1A2
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	03/21-03/23/11	MFV2W1A3
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AW
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**139 B,J**	**200**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AD**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AX
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	**0.52 B**	**1.0**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AE**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**48000 J**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AF**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

TOTAL Metals

Lot-Sample #...: A1C180537-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AG
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AH
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AJ
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**545**	**100**	**ug/L**	**SW846 6010B**	**03/21-03/25/11**	**MFV2W1AK**
		Dilution Factor: 1		Analysis Time..: 09:54	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**19400 J**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AL**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**34.7 J**	**15.0**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AM**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**11.8 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AN**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**1970 B,J**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AP**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AQ
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**53500**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AR**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

TOTAL Metals

Lot-Sample #...: A1C180537-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	03/21-03/23/11	MFV2W1AT
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**30.6 J**	**20.0**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFV2W1AU**
		Dilution Factor: 1		Analysis Time..: 18:43	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	03/21-03/22/11	MFV2W1A4
		Dilution Factor: 1		Analysis Time..: 15:47	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1C210000-012 **Prep Batch #...:** 1080012						
Aluminum	ND	50.0	ug/L	SW846 6020	03/21-03/23/11	MFXC41CW
		Dilution Factor: 1				
		Analysis Time..: 12:40	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	03/21-03/23/11	MFXC41C0
		Dilution Factor: 1				
		Analysis Time..: 12:40	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	03/21-03/23/11	MFXC41CX
		Dilution Factor: 1				
		Analysis Time..: 12:40	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41A2
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Thallium	ND	1.0	ug/L	SW846 6020	03/21-03/23/11	MFXC41CG
		Dilution Factor: 1				
		Analysis Time..: 12:40	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41A5
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Barium	**1.6 B**	**200**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFXC41CC**
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Selenium	ND	5.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41A7
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CD
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Calcium	**370 B**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFXC41CJ**
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Chromium	ND	10.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CK
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CL
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Copper	ND	25.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CM
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Iron	ND	100	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CN
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Magnesium	**81.0 B**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFXC41CP**
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Manganese	**0.49 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFXC41CQ**
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Nickel	ND	40.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CE
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Potassium	**180 B**	**5000**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFXC41CR**
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Silver	ND	10.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CT
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Sodium	ND	5000	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CU
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Vanadium	ND	50.0	ug/L	SW846 6010B	03/21-03/23/11	MFXC41CV
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Zinc	**15.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/21-03/23/11**	**MFXC41CF**
		Dilution Factor: 1				
		Analysis Time..: 17:11	Analyst ID.....: 002260		Instrument ID..: I5	
Mercury	ND	0.20	ug/L	SW846 7470A	03/21-03/22/11	MFXC41CH
		Dilution Factor: 1				
		Analysis Time..: 15:25	Analyst ID.....: 001576		Instrument ID..: H1	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C210000-012 **Prep Batch #...:** 1080012					
Aluminum	94	(80 - 120)	SW846 6020	03/21-03/22/11	MFXC41D3
		Dilution Factor: 1	Analysis Time..: 17:29	Analyst ID.....: 000079	
		Instrument ID..: I8			
Cadmium	100	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41D6
		Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5			
Thallium	90	(80 - 120)	SW846 6020	03/21-03/23/11	MFXC41EH
		Dilution Factor: 1	Analysis Time..: 12:45	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	88	(80 - 120)	SW846 6020	03/21-03/22/11	MFXC41EW
		Dilution Factor: 1	Analysis Time..: 17:29	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	91	(80 - 120)	SW846 6020	03/21-03/23/11	MFXC41EX
		Dilution Factor: 1	Analysis Time..: 12:45	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	99	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41D0
		Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5			
Selenium	98	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41AM
		Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5			
Barium	92	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41ED
		Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5			
Beryllium	101	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EE
		Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5			
Calcium	93	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EJ
		Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	96	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EK
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Cobalt	96	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EL
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Copper	92	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EM
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Iron	98	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EN
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Magnesium	92	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EP
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Manganese	100	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EQ
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Nickel	95	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EF
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Potassium	94	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41ER
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Silver	92	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41ET
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Sodium	96	(80 - 120)	SW846 6010B	03/21-03/28/11	MFXC41EU
	Dilution Factor: 1	Analysis Time..: 20:37	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	93	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EV
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	102	(80 - 120)	SW846 6010B	03/21-03/25/11	MFXC41EG
	Dilution Factor: 1	Analysis Time..: 09:48	Analyst ID.....: 002260		
	Instrument ID..: I5				
Mercury	94	(81 - 123)	SW846 7470A	03/21-03/22/11	MFXC41AQ
	Dilution Factor: 1	Analysis Time..: 15:26	Analyst ID.....: 001576		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1C210000-012 **Prep Batch #...:** 1080012							
Aluminum	10000	9400	ug/L	94	SW846 6020	03/21-03/22/11	MFXC41D3
			Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 000079	
			Instrument ID..: I8				
Cadmium	50.0	50.0	ug/L	100	SW846 6010B	03/21-03/25/11	MFXC41D6
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				
Thallium	100	90.0	ug/L	90	SW846 6020	03/21-03/23/11	MFXC41EH
			Dilution Factor: 1		Analysis Time..: 12:45	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	88.0	ug/L	88	SW846 6020	03/21-03/22/11	MFXC41EW
			Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	91.0	ug/L	91	SW846 6020	03/21-03/23/11	MFXC41EX
			Dilution Factor: 1		Analysis Time..: 12:45	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	490	ug/L	99	SW846 6010B	03/21-03/25/11	MFXC41D0
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				
Selenium	2000	2000	ug/L	98	SW846 6010B	03/21-03/25/11	MFXC41AM
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				
Barium	2000	1800	ug/L	92	SW846 6010B	03/21-03/25/11	MFXC41ED
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				
Beryllium	50.0	50.0	ug/L	101	SW846 6010B	03/21-03/25/11	MFXC41EE
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				
Calcium	50000	46500	ug/L	93	SW846 6010B	03/21-03/25/11	MFXC41EJ
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	190	ug/L	96	SW846 6010B	03/21-03/25/11	MFXC41EK
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Cobalt	500	480	ug/L	96	SW846 6010B	03/21-03/25/11	MFXC41EL
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Copper	250	230	ug/L	92	SW846 6010B	03/21-03/25/11	MFXC41EM
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Iron	1000	980	ug/L	98	SW846 6010B	03/21-03/25/11	MFXC41EN
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Magnesium	50000	45800	ug/L	92	SW846 6010B	03/21-03/25/11	MFXC41EP
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Manganese	500	500	ug/L	100	SW846 6010B	03/21-03/25/11	MFXC41EQ
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Nickel	500	480	ug/L	95	SW846 6010B	03/21-03/25/11	MFXC41EF
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Potassium	50000	46900	ug/L	94	SW846 6010B	03/21-03/25/11	MFXC41ER
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Silver	50.0	46.0	ug/L	92	SW846 6010B	03/21-03/25/11	MFXC41ET
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					
Sodium	50000	47800	ug/L	96	SW846 6010B	03/21-03/28/11	MFXC41EU
		Dilution Factor: 1			Analysis Time..: 20:37	Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	500	470	ug/L	93	SW846 6010B	03/21-03/25/11	MFXC41EV
		Dilution Factor: 1			Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I5					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	510	ug/L	102	SW846 6010B	03/21-03/25/11	MFXC41EG
			Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
			Instrument ID..: I5				
Mercury	5.0	4.7	ug/L	94	SW846 7470A	03/21-03/22/11	MFXC41AQ
			Dilution Factor: 1		Analysis Time..: 15:26	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C180496-001 **Prep Batch #...:** 1080012							
Aluminum	96	(63 - 128)			SW846 6020	03/21-03/22/11	MFVRV1F3
	102	(63 - 128)	5.2	(0-20)	SW846 6020	03/21-03/22/11	MFVRV1F4
		Dilution Factor: 1					
		Analysis Time..: 17:50			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	94	(44 - 153)			SW846 6020	03/21-03/23/11	MFVRV1F9
	97	(44 - 153)	2.5	(0-20)	SW846 6020	03/21-03/23/11	MFVRV1GA
		Dilution Factor: 1					
		Analysis Time..: 13:08			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	93	(82 - 123)			SW846 6020	03/21-03/22/11	MFVRV1F6
	96	(82 - 123)	3.7	(0-20)	SW846 6020	03/21-03/22/11	MFVRV1F7
		Dilution Factor: 1					
		Analysis Time..: 17:50			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	96	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1DG
	99	(75 - 125)	2.2	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1DH
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Thallium	101	(69 - 117)			SW846 6020	03/21-03/23/11	MFVRV1ER
	103	(69 - 117)	2.2	(0-20)	SW846 6020	03/21-03/23/11	MFVRV1ET
		Dilution Factor: 1					
		Analysis Time..: 13:08			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	96	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1DR
	98	(75 - 125)	2.3	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1DT
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Barium	100	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1ED
	102	(75 - 125)	2.4	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1EE
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Selenium	100	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1D0
	102	(75 - 125)	2.3	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1D1
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	103	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1EG
	105	(75 - 125)	2.5	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1EH
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1E0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1E1
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Chromium	95	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1E3
	97	(75 - 125)	2.0	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1E4
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Cobalt	94	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1E6
	96	(75 - 125)	2.0	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1E7
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Copper	102	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1E9
	104	(75 - 125)	2.0	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FA
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Iron	93	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1FD
	95	(75 - 125)	2.2	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FE
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Magnesium	97	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1FG
	99	(75 - 125)	0.72	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FH
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Manganese	91	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1FK
	88	(75 - 125)	0.54	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FL
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Nickel	95	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1EK
	98	(75 - 125)	2.8	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1EL
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	104	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1FN
	106	(75 - 125)	1.7	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FP
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Silver	101	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1FR
	104	(75 - 125)	2.6	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FT
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Sodium	95	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1FV
	95	(75 - 125)	0.08	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1FW
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Vanadium	94	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1F0
	96	(75 - 125)	2.3	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1F1
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Zinc	98	(75 - 125)			SW846 6010B	03/21-03/23/11	MFVRV1EN
	99	(75 - 125)	0.60	(0-20)	SW846 6010B	03/21-03/23/11	MFVRV1EP
		Dilution Factor: 1					
		Analysis Time..: 17:45			Instrument ID..: I5	Analyst ID.....: 002260	
Mercury	94	(69 - 134)			SW846 7470A	03/21-03/22/11	MFVRV1EV
	104	(69 - 134)	11	(0-20)	SW846 7470A	03/21-03/22/11	MFVRV1EW
		Dilution Factor: 1					
		Analysis Time..: 15:29			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1C180496-001 **Prep Batch #...:** 1080012									
Aluminum									
	ND	10000	9600	ug/L	96		SW846 6020	03/21-03/22/11	MFVRV1F3
	ND	10000	10200	ug/L	102	5.2	SW846 6020	03/21-03/22/11	MFVRV1F4
			Dilution Factor: 1						
			Analysis Time..: 17:50		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	3.3	100	98.0	ug/L	94		SW846 6020	03/21-03/23/11	MFVRV1F9
	3.3	100	100	ug/L	97	2.5	SW846 6020	03/21-03/23/11	MFVRV1GA
			Dilution Factor: 1						
			Analysis Time..: 13:08		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	2.8	100	96.0	ug/L	93		SW846 6020	03/21-03/22/11	MFVRV1F6
	2.8	100	99.0	ug/L	96	3.7	SW846 6020	03/21-03/22/11	MFVRV1F7
			Dilution Factor: 1						
			Analysis Time..: 17:50		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	2.8	50.0	51.0	ug/L	96		SW846 6010B	03/21-03/23/11	MFVRV1DG
	2.8	50.0	52.0	ug/L	99	2.2	SW846 6010B	03/21-03/23/11	MFVRV1DH
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Thallium									
	ND	100	100	ug/L	101		SW846 6020	03/21-03/23/11	MFVRV1ER
	ND	100	100	ug/L	103	2.2	SW846 6020	03/21-03/23/11	MFVRV1ET
			Dilution Factor: 1						
			Analysis Time..: 13:08		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	480	ug/L	96		SW846 6010B	03/21-03/23/11	MFVRV1DR
	ND	500	490	ug/L	98	2.3	SW846 6010B	03/21-03/23/11	MFVRV1DT
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Barium									
	74.0	2000	2100	ug/L	100		SW846 6010B	03/21-03/23/11	MFVRV1ED
	74.0	2000	2100	ug/L	102	2.4	SW846 6010B	03/21-03/23/11	MFVRV1EE
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2000	ug/L	100		SW846 6010B	03/21-03/23/11	MFVRV1D0
	ND	2000	2000	ug/L	102	2.3	SW846 6010B	03/21-03/23/11	MFVRV1D1
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	
Beryllium									
	ND	50.0	51.0	ug/L	103		SW846 6010B	03/21-03/23/11	MFVRV1EG
	ND	50.0	53.0	ug/L	105	2.5	SW846 6010B	03/21-03/23/11	MFVRV1EH
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	
Calcium									
	289000	50000	332000	ug/L			SW846 6010B	03/21-03/23/11	MFVRV1E0
			Qualifiers: NC,MSB						
	289000	50000	329000	ug/L			SW846 6010B	03/21-03/23/11	MFVRV1E1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	
Chromium									
	3.5	200	190	ug/L	95		SW846 6010B	03/21-03/23/11	MFVRV1E3
	3.5	200	200	ug/L	97	2.0	SW846 6010B	03/21-03/23/11	MFVRV1E4
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	
Cobalt									
	25.0	500	500	ug/L	94		SW846 6010B	03/21-03/23/11	MFVRV1E6
	25.0	500	510	ug/L	96	2.0	SW846 6010B	03/21-03/23/11	MFVRV1E7
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	
Copper									
	5.9	250	260	ug/L	102		SW846 6010B	03/21-03/23/11	MFVRV1E9
	5.9	250	270	ug/L	104	2.0	SW846 6010B	03/21-03/23/11	MFVRV1FA
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	
Iron									
	ND	1000	930	ug/L	93		SW846 6010B	03/21-03/23/11	MFVRV1FD
	ND	1000	950	ug/L	95	2.2	SW846 6010B	03/21-03/23/11	MFVRV1FE
			Dilution Factor: 1						
			Analysis Time..: 17:45	Instrument ID..: I5				Analyst ID.....: 002260	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	41000	50000	89700	ug/L	97		SW846 6010B	03/21-03/23/11	MFVRV1FG
	41000	50000	90400	ug/L	99	0.72	SW846 6010B	03/21-03/23/11	MFVRV1FH
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Manganese									
	1900	500	2400	ug/L	91		SW846 6010B	03/21-03/23/11	MFVRV1FK
	1900	500	2300	ug/L	88	0.54	SW846 6010B	03/21-03/23/11	MFVRV1FL
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Nickel									
	6.8	500	480	ug/L	95		SW846 6010B	03/21-03/23/11	MFVRV1EK
	6.8	500	490	ug/L	98	2.8	SW846 6010B	03/21-03/23/11	MFVRV1EL
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Potassium									
	6900	50000	59000	ug/L	104		SW846 6010B	03/21-03/23/11	MFVRV1FN
	6900	50000	60000	ug/L	106	1.7	SW846 6010B	03/21-03/23/11	MFVRV1FP
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Silver									
	ND	50.0	51.0	ug/L	101		SW846 6010B	03/21-03/23/11	MFVRV1FR
	ND	50.0	52.0	ug/L	104	2.6	SW846 6010B	03/21-03/23/11	MFVRV1FT
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Sodium									
	111000	50000	159000	ug/L	95		SW846 6010B	03/21-03/23/11	MFVRV1FV
	111000	50000	159000	ug/L	95	0.08	SW846 6010B	03/21-03/23/11	MFVRV1FW
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Vanadium									
	ND	500	470	ug/L	94		SW846 6010B	03/21-03/23/11	MFVRV1F0
	ND	500	480	ug/L	96	2.3	SW846 6010B	03/21-03/23/11	MFVRV1F1
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/17/11 09:41 **Date Received..:** 03/18/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	560	500	1100	ug/L	98		SW846 6010B	03/21-03/23/11	MFVRV1EN
	560	500	1100	ug/L	99	0.60	SW846 6010B	03/21-03/23/11	MFVRV1EP
			Dilution Factor: 1						
			Analysis Time..: 17:45		Instrument ID..: I5			Analyst ID.....: 002260	
Mercury									
	ND	1.0	0.94	ug/L	94		SW846 7470A	03/21-03/22/11	MFVRV1EV
	ND	1.0	1.0	ug/L	104	11	SW846 7470A	03/21-03/22/11	MFVRV1EW
			Dilution Factor: 1						
			Analysis Time..: 15:29		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

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GENERAL CHEMISTRY DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WTB1-031711

General Chemistry

Lot-Sample #...: A1C180537-001 **Work Order #...:** MFV2W **Matrix.....:** WG
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.19 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1081235**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**67.6**	**1.0**	**mg/L**	**MCAWW 300.0A**	**03/22/11**	**1081231**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	03/22/11	1081249
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MF1Q21AA		MB Lot-Sample #:	A1C220000-235	
	ND	0.50	mg/L	MCAWW 300.0A	03/21/11	1081235
		Dilution Factor: 1				
Chloride		Work Order #: MF1QV1AA		MB Lot-Sample #:	A1C220000-231	
	ND	1.0	mg/L	MCAWW 300.0A	03/21/11	1081231
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MF0DL1AA		MB Lot-Sample #:	A1C210000-316	
	ND	0.010	mg/L	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1				
Sulfate		Work Order #: MF1Q81AA		MB Lot-Sample #:	A1C220000-249	
	ND	1.0	mg/L	MCAWW 300.0A	03/21/11	1081249
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1C180537 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MF1Q21AC-LCS/MF1Q21AD-LCSD LCS Lot-Sample#: A1C220000-235					
	100	(90 - 110)			MCAWW 300.0A	03/21/11	1081235
	100	(90 - 110)	0.0	(0-20)	MCAWW 300.0A	03/21/11	1081235
		Dilution Factor: 1					
Chloride		WO#:MF1QV1AC-LCS/MF1QV1AD-LCSD LCS Lot-Sample#: A1C220000-231					
	104	(90 - 110)			MCAWW 300.0A	03/21/11	1081231
	103	(90 - 110)	0.52	(0-20)	MCAWW 300.0A	03/21/11	1081231
		Dilution Factor: 1					
Sulfate		WO#:MF1Q81AC-LCS/MF1Q81AD-LCSD LCS Lot-Sample#: A1C220000-249					
	97	(90 - 110)			MCAWW 300.0A	03/21/11	1081249
	96	(90 - 110)	1.6	(0-20)	MCAWW 300.0A	03/21/11	1081249
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1C180537 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MF1Q21AC-LCS/MF1Q21AD-LCSD				LCS Lot-Sample#: A1C220000-235		
	10.0	10.0	mg/L	100		MCAWW 300.0A	03/21/11	1081235
	10.0	10.0	mg/L	100	0.0	MCAWW 300.0A	03/21/11	1081235
		Dilution Factor: 1						
Chloride		WO#:MF1QV1AC-LCS/MF1QV1AD-LCSD				LCS Lot-Sample#: A1C220000-231		
	50.0	51.8	mg/L	104		MCAWW 300.0A	03/21/11	1081231
	50.0	51.5	mg/L	103	0.52	MCAWW 300.0A	03/21/11	1081231
		Dilution Factor: 1						
Sulfate		WO#:MF1Q81AC-LCS/MF1Q81AD-LCSD				LCS Lot-Sample#: A1C220000-249		
	50.0	48.6	mg/L	97		MCAWW 300.0A	03/21/11	1081249
	50.0	47.8	mg/L	96	1.6	MCAWW 300.0A	03/21/11	1081249
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MF0DL1AC	LCS Lot-Sample#: A1C210000-316		
	116	(69 - 118)	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MF0DL1AC				LCS Lot-Sample#: A1C210000-316		
	0.33	0.38	mg/L	116	SW846 9012A	03/21/11	1080316
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MFQ7Q1A5-MS/MFQ7Q1A6-MSD				MS Lot-Sample #: A1C170413-009	
	105	(42 - 140)			SW846 9012A	03/21/11	1080316
	106	(42 - 140)	0.45	(0-20)	SW846 9012A	03/21/11	1080316

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WATER
Date Sampled...: 03/16/11 15:22 **Date Received..:** 03/17/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MFQ7Q1A5-MS/MFQ7Q1A6-MSD		MS Lot-Sample #: A1C170413-009				
	ND	0.040	0.044	mg/L	105		SW846 9012A	03/21/11	1080316
	ND	0.040	0.044	mg/L	106	0.45	SW846 9012A	03/21/11	1080316

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WG
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: MFV2W1CA		MS Lot-Sample #: A1C180537-001	
	101	(80 - 120)	MCAWW 300.0A	03/22/11	1081235
		Dilution Factor: 1			
Chloride		Work Order #...: MFV2W1A9		MS Lot-Sample #: A1C180537-001	
	123 N	(80 - 120)	MCAWW 300.0A	03/22/11	1081231
		Dilution Factor: 1			
Sulfate		Work Order #...: MFV2W1CC		MS Lot-Sample #: A1C180537-001	
	105	(80 - 120)	MCAWW 300.0A	03/22/11	1081249
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1C180537 **Matrix.....:** WG
Date Sampled...: 03/17/11 08:55 **Date Received..:** 03/18/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Bromide			Work Order #...: MFV2W1CA			MS Lot-Sample #: A1C180537-001		
	0.19	10.0	10.3	mg/L	101	MCAWW 300.0A	03/22/11	1081235
			Dilution Factor: 1					
Chloride			Work Order #...: MFV2W1A9			MS Lot-Sample #: A1C180537-001		
	67.6	50.0	129 N	mg/L	123	MCAWW 300.0A	03/22/11	1081231
			Dilution Factor: 1					
Sulfate			Work Order #...: MFV2W1CC			MS Lot-Sample #: A1C180537-001		
	ND	50.0	52.4	mg/L	105	MCAWW 300.0A	03/22/11	1081249
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

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END OF REPORT

TestAmerica
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ANALYTICAL REPORT

PROJECT NO. 039611-40

HIMCO-ELKHART

Lot #: A1D110422

Steve Day

Conestoga Rovers & Associates,
6520 Corporate Drive
Indianapolis, IN 46278

TESTAMERICA LABORATORIES, INC.

Approved for release.
Amy McCormick
Project Manager
5/4/2011 1:35 PM

Amy L. McCormick
Project Manager
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May 04, 2011

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Case Narrative 2
Executive Summary 8
Analytical Method Summary 10
Sample Summary 12
Shipping and Receiving Documents 14
GC/MS Volatile Data 18
GC/MS Semivolatile Data 33
Inorganic/Metals Data 46
General Chemistry Data 66

Total # of Pages in this Document 77

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

A1D110422

The following report contains the analytical results for one water sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the HIMCO-ELKHART Site, project number 039611-40. The sample was received April 09, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The sample presented in this report was analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Steve Day on April 24, 2011. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Amy L. McCormick, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 1.9°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

GC/MS SEMIVOLATILES

3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) co-elute and cannot be reported as separate analytes. When these analytes are requested, the reported result represents a probable combination of the two analytes.

No corrective action was taken for the 4-Chlorophenyl phenyl ether failure in the LCS associated with batch 1102046 due to questionable analyte concentration in calibration. If a hit for this analyte was detected, further corrective action would be required.

There was no client requested matrix spike / matrix spike duplicate (MS/MSD) in batch 1102046.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

CASE NARRATIVE (continued)

METALS (cont)

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

No ICP MS Form IX provided for batch(es) 1102014. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/matrix spike duplicate(s) for batch(es) 1109221 had RPD's outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called Quality Control Batches (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, a Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair or a Matrix Spike/Sample Duplicate (MS/DU) pair.
For 600 series/CWA methods, QC samples include a Method Blank (MB), a Laboratory Control Sample (LCS) and, where appropriate, a Matrix Spike (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch, with the exception of poor performing analytes. A list of these analytes is listed below. No corrective action is taken if these analytes do not meet criteria.Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

Poor performers

Method 8270 Water and Solid:	
4-Nitrophenol	3,3' – Dichlorobenzidine
Benzoic Acid	2,4,6 - Tribromophenol
Phenol	2,4-Dinitrophenol
Phenol-d5	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Hexachlorocyclopentadiene (LCG only)
Benzyl Alcohol	4-Chloroaniline
Method 8151 Solid	
Dinoseb	
Method 8260 Water and Solid	
Dichlorodifluoromethane	Hexachlorobutadiene
Trichlorofluoromethane	Naphthalene
Chloroethane	1,2,3-Trichlorobenzene
Acetone	1,2,4-Trichlorobenzene
Bromomethane	2,2-Dichloropropane
Bromoform	Chloromethane

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be ten fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results do not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate or Matrix Spike/Sample Duplicate.

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater. For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), DoD ELAP (ADE-1437) USDA Soil Permit (P33-08-00123)

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A1D110422

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-WT106C-040811 04/08/11 10:25 001				
Aluminum	69.0	50.0	ug/L	SW846 6020
Arsenic	6.5	1.0	ug/L	SW846 6020
Antimony	0.16 B	2.0	ug/L	SW846 6020
Barium	83.3 B,J	200	ug/L	SW846 6010B
Calcium	50600 J	5000	ug/L	SW846 6010B
Iron	635	100	ug/L	SW846 6010B
Magnesium	22200 J	5000	ug/L	SW846 6010B
Manganese	65.1 J	15.0	ug/L	SW846 6010B
Nickel	3.6 B	40.0	ug/L	SW846 6010B
Potassium	1690 B,J	5000	ug/L	SW846 6010B
Sodium	22000	5000	ug/L	SW846 6010B
Zinc	6.2 B,J	20.0	ug/L	SW846 6010B
Tetrachloroethene	0.54 J,B	1.0	ug/L	SW846 8260B
Toluene	0.23 J	1.0	ug/L	SW846 8260B
Chloride	9.4	1.0	mg/L	MCAWW 300.0A
Sulfate	8.2	1.0	mg/L	MCAWW 300.0A
Bromide	0.30 B	0.50	mg/L	MCAWW 300.0A
Cyanide, Total	0.016	0.010	mg/L	SW846 9012A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A1D110422

PARAMETER	ANALYTICAL METHOD
Bromide	MCAWW 300.0A
Chloride	MCAWW 300.0A
Cyanide, Total	SW846 9012A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 300.0A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

A1D110422

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MGT7E	001	GW-WT106C-040811	04/08/11	10:25

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING
AND
RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631
(773)380-9933 phone
(773)380-6421 fax

SHIPPED TO (Laboratory Name): TEST AMERICA - NORTH CANTON

REFERENCE NUMBER: 036911-40

PROJECT NAME: HIMCO - ELKHART

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: Jeff Kolodziejski PRINTED NAME: JEFF KOLODZIEJSKI

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOC's	SVOC's	TAL METALS	TOTAL CYANIDE	CHLORIDE	BROMIDE	SULFATE	REMARKS
	4-8-11	1025	GW-WT106C-040811	WATER	8	X	X	X	X	X	X	X	
TOTAL NUMBER OF CONTAINERS					8								

RELINQUISHED BY: ① Jeff Kolodziejski	DATE: 4-8-11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FED EX - SATURDAY DELIVERY AIR BILL No. 879993405245

White	-Fully Executed Copy
Yellow	-Receiving Laboratory Copy
Pink	-Shipper Copy
Goldenrod	-Sampler Copy

SAMPLE TEAM: JEFF KOLODZIEJSKI

RECEIVED FOR LABORATORY BY: Regina Burns
DATE: 4/9/11 TIME: 945

005299

1001-00(SOURCE)GN-CO004

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 410422
North Canton Facility

Client CRA Project HIMCO By: _____
Cooler Received on 4/9/11 Opened on 4-11-11 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☐ Foam Box ☐ Client Cooler ☒ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity_____ Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☑
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☐ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☐ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt 1.9 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☑ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
WT COOC	<2 >12	4-11-11	AR

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant

Discrepancies Cont'd:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GCMS VOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

GC/MS Volatiles

Lot-Sample #...: A1D110422-001 **Work Order #...:** MGT7E1AA **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11
Prep Date.....: 04/19/11 **Analysis Date..:** 04/19/11
Prep Batch #...: 1109160
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11

(Continued on next page)

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

GC/MS Volatiles

Lot-Sample #...: A1D110422-001 **Work Order #...:** MGT7E1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**0.54 J,B**	**1.0**	**ug/L**	**0.29**
Toluene	**0.23 J**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(75 - 121)
1,2-Dichloroethane-d4	88	(63 - 129)
Toluene-d8	82	(74 - 115)
4-Bromofluorobenzene	77	(66 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MG7C81AA **Matrix.....:** WATER
MB Lot-Sample #: A1D190000-160

Prep Date.....: 04/19/11 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 04/19/11 **Prep Batch #...:** 1109160
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.61 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	**0.49 J**	**1.0**	**ug/L**	**SW846 8260B**
Toluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MG7C81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(75 - 121)
1,2-Dichloroethane-d4	86	(63 - 129)
Toluene-d8	80	(74 - 115)
4-Bromofluorobenzene	78	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MG7C81AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D190000-160
Prep Date.....: 04/19/11 **Analysis Date..:** 04/19/11
Prep Batch #...: 1109160
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	105	(83 - 112)	SW846 8260B
Bromodichloromethane	114	(72 - 121)	SW846 8260B
2-Butanone	87	(60 - 126)	SW846 8260B
Carbon disulfide	113	(62 - 142)	SW846 8260B
Carbon tetrachloride	99	(66 - 128)	SW846 8260B
Chlorobenzene	94	(85 - 110)	SW846 8260B
Chloroform	101	(79 - 117)	SW846 8260B
Dibromochloromethane	90	(64 - 119)	SW846 8260B
1,2-Dibromo-3-chloro-propane	89	(42 - 136)	SW846 8260B
1,2-Dibromoethane	104	(79 - 113)	SW846 8260B
1,2-Dichlorobenzene	85	(81 - 110)	SW846 8260B
1,3-Dichlorobenzene	90	(80 - 110)	SW846 8260B
1,4-Dichlorobenzene	90	(82 - 110)	SW846 8260B
1,1-Dichloroethane	97	(82 - 115)	SW846 8260B
1,2-Dichloroethane	105	(71 - 127)	SW846 8260B
1,1-Dichloroethene	102	(78 - 131)	SW846 8260B
cis-1,2-Dichloroethene	98	(80 - 113)	SW846 8260B
trans-1,2-Dichloroethene	99	(83 - 117)	SW846 8260B
1,2-Dichloropropane	106	(81 - 115)	SW846 8260B
cis-1,3-Dichloropropene	103	(61 - 115)	SW846 8260B
trans-1,3-Dichloropropene	100	(58 - 117)	SW846 8260B
Ethylbenzene	94	(83 - 112)	SW846 8260B
2-Hexanone	106	(55 - 133)	SW846 8260B
Isopropylbenzene	87	(75 - 114)	SW846 8260B
Methylene chloride	99	(66 - 131)	SW846 8260B
4-Methyl-2-pentanone	110	(63 - 128)	SW846 8260B
Methyl tert-butyl ether (MTBE)	102	(52 - 144)	SW846 8260B
Styrene	103	(79 - 114)	SW846 8260B
1,1,2,2-Tetrachloroethane	98	(68 - 118)	SW846 8260B
Tetrachloroethene	92	(79 - 114)	SW846 8260B
Toluene	94	(84 - 111)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MG7C81AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D190000-160

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1,1-Trichloroethane	**99**	**(74 - 118)**	**SW846 8260B**
1,1,2-Trichloroethane	**102**	**(80 - 112)**	**SW846 8260B**
Trichloroethene	**106**	**(76 - 117)**	**SW846 8260B**
Vinyl chloride	**77**	**(53 - 127)**	**SW846 8260B**
Xylenes (total)	**93**	**(83 - 112)**	**SW846 8260B**
o-Xylene	**90**	**(83 - 113)**	**SW846 8260B**
m-Xylene & p-Xylene	**94**	**(83 - 113)**	**SW846 8260B**
Bromobenzene	**98**	**(76 - 115)**	**SW846 8260B**
Bromochloromethane	**98**	**(77 - 120)**	**SW846 8260B**
n-Butylbenzene	**93**	**(66 - 125)**	**SW846 8260B**
sec-Butylbenzene	**95**	**(70 - 117)**	**SW846 8260B**
tert-Butylbenzene	**96**	**(71 - 115)**	**SW846 8260B**
2-Chlorotoluene	**94**	**(76 - 116)**	**SW846 8260B**
4-Chlorotoluene	**98**	**(77 - 115)**	**SW846 8260B**
Dibromomethane	**111**	**(81 - 120)**	**SW846 8260B**
1,3-Dichloropropane	**105**	**(79 - 116)**	**SW846 8260B**
1,1-Dichloropropene	**105**	**(83 - 114)**	**SW846 8260B**
p-Isopropyltoluene	**93**	**(74 - 120)**	**SW846 8260B**
n-Propylbenzene	**100**	**(74 - 121)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	**87**	**(72 - 116)**	**SW846 8260B**
1,2,3-Trichloropropane	**97**	**(73 - 129)**	**SW846 8260B**
1,2,4-Trimethylbenzene	**93**	**(76 - 120)**	**SW846 8260B**
1,3,5-Trimethylbenzene	**93**	**(72 - 118)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	82	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MG7C81AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D190000-160
Prep Date.....: 04/19/11 **Analysis Date..:** 04/19/11
Prep Batch #...: 1109160
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	10	10	ug/L	105	SW846 8260B
Bromodichloromethane	10	11	ug/L	114	SW846 8260B
2-Butanone	20	17	ug/L	87	SW846 8260B
Carbon disulfide	10	11	ug/L	113	SW846 8260B
Carbon tetrachloride	10	9.9	ug/L	99	SW846 8260B
Chlorobenzene	10	9.4	ug/L	94	SW846 8260B
Chloroform	10	10	ug/L	101	SW846 8260B
Dibromochloromethane	10	9.0	ug/L	90	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.9	ug/L	89	SW846 8260B
1,2-Dibromoethane	10	10	ug/L	104	SW846 8260B
1,2-Dichlorobenzene	10	8.5	ug/L	85	SW846 8260B
1,3-Dichlorobenzene	10	9.0	ug/L	90	SW846 8260B
1,4-Dichlorobenzene	10	9.0	ug/L	90	SW846 8260B
1,1-Dichloroethane	10	9.7	ug/L	97	SW846 8260B
1,2-Dichloroethane	10	10	ug/L	105	SW846 8260B
1,1-Dichloroethene	10	10	ug/L	102	SW846 8260B
cis-1,2-Dichloroethene	10	9.8	ug/L	98	SW846 8260B
trans-1,2-Dichloroethene	10	9.9	ug/L	99	SW846 8260B
1,2-Dichloropropane	10	11	ug/L	106	SW846 8260B
cis-1,3-Dichloropropene	10	10	ug/L	103	SW846 8260B
trans-1,3-Dichloropropene	10	10	ug/L	100	SW846 8260B
Ethylbenzene	10	9.4	ug/L	94	SW846 8260B
2-Hexanone	20	21	ug/L	106	SW846 8260B
Isopropylbenzene	10	8.7	ug/L	87	SW846 8260B
Methylene chloride	10	9.9	ug/L	99	SW846 8260B
4-Methyl-2-pentanone	20	22	ug/L	110	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	10	ug/L	102	SW846 8260B
Styrene	10	10	ug/L	103	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.8	ug/L	98	SW846 8260B
Tetrachloroethene	10	9.2	ug/L	92	SW846 8260B
Toluene	10	9.4	ug/L	94	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MG7C81AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D190000-160

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1,1-Trichloroethane	**10**	**9.9**	**ug/L**	**99**	**SW846 8260B**
1,1,2-Trichloroethane	**10**	**10**	**ug/L**	**102**	**SW846 8260B**
Trichloroethene	**10**	**11**	**ug/L**	**106**	**SW846 8260B**
Vinyl chloride	**10**	**7.7**	**ug/L**	**77**	**SW846 8260B**
Xylenes (total)	**30**	**28**	**ug/L**	**93**	**SW846 8260B**
o-Xylene	**10**	**9.0**	**ug/L**	**90**	**SW846 8260B**
m-Xylene & p-Xylene	**20**	**19**	**ug/L**	**94**	**SW846 8260B**
Bromobenzene	**10**	**9.8**	**ug/L**	**98**	**SW846 8260B**
Bromochloromethane	**10**	**9.8**	**ug/L**	**98**	**SW846 8260B**
n-Butylbenzene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**
sec-Butylbenzene	**10**	**9.5**	**ug/L**	**95**	**SW846 8260B**
tert-Butylbenzene	**10**	**9.6**	**ug/L**	**96**	**SW846 8260B**
2-Chlorotoluene	**10**	**9.4**	**ug/L**	**94**	**SW846 8260B**
4-Chlorotoluene	**10**	**9.8**	**ug/L**	**98**	**SW846 8260B**
Dibromomethane	**10**	**11**	**ug/L**	**111**	**SW846 8260B**
1,3-Dichloropropane	**10**	**10**	**ug/L**	**105**	**SW846 8260B**
1,1-Dichloropropene	**10**	**10**	**ug/L**	**105**	**SW846 8260B**
p-Isopropyltoluene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**
n-Propylbenzene	**10**	**10**	**ug/L**	**100**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	**10**	**8.7**	**ug/L**	**87**	**SW846 8260B**
1,2,3-Trichloropropane	**10**	**9.7**	**ug/L**	**97**	**SW846 8260B**
1,2,4-Trimethylbenzene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**
1,3,5-Trimethylbenzene	**10**	**9.3**	**ug/L**	**93**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(75 - 121)
1,2-Dichloroethane-d4	83	(63 - 129)
Toluene-d8	82	(74 - 115)
4-Bromofluorobenzene	82	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MGTG41AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1D090432-009 MGTG41AG-MSD
Date Sampled...: 04/05/11 15:41 **Date Received..:** 04/09/11
Prep Date.....: 04/19/11 **Analysis Date..:** 04/19/11
Prep Batch #...: 1109160
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**104**	**(72 - 121)**			**SW846 8260B**
	106	**(72 - 121)**	**2.1**	**(0-30)**	**SW846 8260B**
Bromodichloromethane	**108**	**(67 - 120)**			**SW846 8260B**
	113	**(67 - 120)**	**4.1**	**(0-30)**	**SW846 8260B**
2-Butanone	**94**	**(54 - 129)**			**SW846 8260B**
	102	**(54 - 129)**	**8.0**	**(0-30)**	**SW846 8260B**
Carbon disulfide	**104**	**(57 - 147)**			**SW846 8260B**
	107	**(57 - 147)**	**2.6**	**(0-30)**	**SW846 8260B**
Carbon tetrachloride	**90**	**(59 - 129)**			**SW846 8260B**
	95	**(59 - 129)**	**5.6**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**90**	**(80 - 110)**			**SW846 8260B**
	92	**(80 - 110)**	**3.3**	**(0-30)**	**SW846 8260B**
Chloroform	**98**	**(76 - 118)**			**SW846 8260B**
	101	**(76 - 118)**	**3.7**	**(0-30)**	**SW846 8260B**
Dibromochloromethane	**84**	**(56 - 118)**			**SW846 8260B**
	85	**(56 - 118)**	**2.1**	**(0-30)**	**SW846 8260B**
1,2-Dibromo-3-chloro- propane	**79**	**(32 - 139)**			**SW846 8260B**
	86	**(32 - 139)**	**8.0**	**(0-30)**	**SW846 8260B**
1,2-Dibromoethane	**100**	**(74 - 113)**			**SW846 8260B**
	105	**(74 - 113)**	**4.7**	**(0-30)**	**SW846 8260B**
1,2-Dichlorobenzene	**82**	**(75 - 111)**			**SW846 8260B**
	87	**(75 - 111)**	**5.7**	**(0-30)**	**SW846 8260B**
1,3-Dichlorobenzene	**86**	**(73 - 110)**			**SW846 8260B**
	89	**(73 - 110)**	**3.4**	**(0-30)**	**SW846 8260B**
1,4-Dichlorobenzene	**87**	**(75 - 110)**			**SW846 8260B**
	89	**(75 - 110)**	**2.7**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethane	**95**	**(79 - 116)**			**SW846 8260B**
	98	**(79 - 116)**	**3.6**	**(0-30)**	**SW846 8260B**
1,2-Dichloroethane	**102**	**(68 - 129)**			**SW846 8260B**
	105	**(68 - 129)**	**3.2**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**99**	**(74 - 135)**			**SW846 8260B**
	98	**(74 - 135)**	**0.78**	**(0-30)**	**SW846 8260B**
cis-1,2-Dichloroethene	**94**	**(70 - 120)**			**SW846 8260B**
	100	**(70 - 120)**	**6.6**	**(0-30)**	**SW846 8260B**
trans-1,2-Dichloroethene	**95**	**(80 - 119)**			**SW846 8260B**
	97	**(80 - 119)**	**3.0**	**(0-30)**	**SW846 8260B**
1,2-Dichloropropane	**107**	**(78 - 115)**			**SW846 8260B**
	108	**(78 - 115)**	**0.97**	**(0-30)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MGTG41AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1D090432-009 MGTG41AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,3-Dichloropropene	98	(51 - 110)			SW846 8260B
	101	(51 - 110)	2.7	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	93	(46 - 116)			SW846 8260B
	96	(46 - 116)	2.6	(0-30)	SW846 8260B
Ethylbenzene	91	(75 - 116)			SW846 8260B
	95	(75 - 116)	3.9	(0-30)	SW846 8260B
2-Hexanone	102	(47 - 139)			SW846 8260B
	107	(47 - 139)	4.8	(0-30)	SW846 8260B
Isopropylbenzene	84	(68 - 116)			SW846 8260B
	87	(68 - 116)	2.7	(0-30)	SW846 8260B
Methylene chloride	94	(63 - 128)			SW846 8260B
	97	(63 - 128)	3.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone	109	(56 - 131)			SW846 8260B
	116	(56 - 131)	6.5	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	99	(46 - 144)			SW846 8260B
	107	(46 - 144)	7.7	(0-30)	SW846 8260B
Styrene	100	(71 - 117)			SW846 8260B
	100	(71 - 117)	0.36	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	96	(63 - 122)			SW846 8260B
	100	(63 - 122)	4.8	(0-30)	SW846 8260B
Tetrachloroethene	88	(70 - 117)			SW846 8260B
	87	(70 - 117)	0.56	(0-30)	SW846 8260B
Toluene	91	(78 - 114)			SW846 8260B
	94	(78 - 114)	2.9	(0-30)	SW846 8260B
1,1,1-Trichloroethane	92	(68 - 121)			SW846 8260B
	95	(68 - 121)	3.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	99	(75 - 115)			SW846 8260B
	103	(75 - 115)	3.8	(0-30)	SW846 8260B
Trichloroethene	102	(66 - 120)			SW846 8260B
	104	(66 - 120)	2.4	(0-30)	SW846 8260B
Vinyl chloride	72	(49 - 130)			SW846 8260B
	77	(49 - 130)	7.7	(0-30)	SW846 8260B
Xylenes (total)	95	(76 - 116)			SW846 8260B
	92	(76 - 116)	2.3	(0-30)	SW846 8260B
o-Xylene	86	(76 - 116)			SW846 8260B
	88	(76 - 116)	2.7	(0-30)	SW846 8260B
m-Xylene & p-Xylene	99	(75 - 117)			SW846 8260B
	95	(75 - 117)	4.6	(0-30)	SW846 8260B
Bromobenzene	100	(71 - 116)			SW846 8260B
	99	(71 - 116)	0.12	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MGTG41AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1D090432-009 MGTG41AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromochloromethane	**94**	**(73 - 121)**			**SW846 8260B**
	98	**(73 - 121)**	**4.9**	**(0-30)**	**SW846 8260B**
n-Butylbenzene	**89**	**(56 - 127)**			**SW846 8260B**
	91	**(56 - 127)**	**2.4**	**(0-30)**	**SW846 8260B**
sec-Butylbenzene	**92**	**(60 - 119)**			**SW846 8260B**
	93	**(60 - 119)**	**1.5**	**(0-30)**	**SW846 8260B**
tert-Butylbenzene	**96**	**(61 - 119)**			**SW846 8260B**
	96	**(61 - 119)**	**0.16**	**(0-30)**	**SW846 8260B**
2-Chlorotoluene	**89**	**(69 - 117)**			**SW846 8260B**
	92	**(69 - 117)**	**3.7**	**(0-30)**	**SW846 8260B**
4-Chlorotoluene	**98**	**(71 - 116)**			**SW846 8260B**
	97	**(71 - 116)**	**1.1**	**(0-30)**	**SW846 8260B**
Dibromomethane	**106**	**(77 - 121)**			**SW846 8260B**
	112	**(77 - 121)**	**5.8**	**(0-30)**	**SW846 8260B**
1,3-Dichloropropane	**104**	**(74 - 118)**			**SW846 8260B**
	103	**(74 - 118)**	**0.40**	**(0-30)**	**SW846 8260B**
1,1-Dichloropropene	**103**	**(80 - 114)**			**SW846 8260B**
	104	**(80 - 114)**	**1.2**	**(0-30)**	**SW846 8260B**
p-Isopropyltoluene	**91**	**(64 - 122)**			**SW846 8260B**
	94	**(64 - 122)**	**3.3**	**(0-30)**	**SW846 8260B**
n-Propylbenzene	**100**	**(64 - 124)**			**SW846 8260B**
	100	**(64 - 124)**	**0.30**	**(0-30)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	**79**	**(64 - 118)**			**SW846 8260B**
	86	**(64 - 118)**	**9.0**	**(0-30)**	**SW846 8260B**
1,2,3-Trichloropropane	**99**	**(67 - 132)**			**SW846 8260B**
	97	**(67 - 132)**	**1.6**	**(0-30)**	**SW846 8260B**
1,2,4-Trimethylbenzene	**93**	**(67 - 124)**			**SW846 8260B**
	94	**(67 - 124)**	**0.62**	**(0-30)**	**SW846 8260B**
1,3,5-Trimethylbenzene	**93**	**(63 - 121)**			**SW846 8260B**
	94	**(63 - 121)**	**1.2**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
	86	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
	85	(63 - 129)
Toluene-d8	83	(74 - 115)
	82	(74 - 115)
4-Bromofluorobenzene	83	(66 - 117)
	83	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MGTG41AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1D090432-009 MGTG41AG-MSD
Date Sampled...: 04/05/11 15:41 **Date Received..:** 04/09/11
Prep Date.....: 04/19/11 **Analysis Date..:** 04/19/11
Prep Batch #...: 1109160
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**106**	**2.1**	**SW846 8260B**
Bromodichloromethane	**ND**	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**113**	**4.1**	**SW846 8260B**
2-Butanone	**ND**	**20**	**19**	**ug/L**	**94**		**SW846 8260B**
	ND	**20**	**20**	**ug/L**	**102**	**8.0**	**SW846 8260B**
Carbon disulfide	**ND**	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**107**	**2.6**	**SW846 8260B**
Carbon tetrachloride	**ND**	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**5.6**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**3.3**	**SW846 8260B**
Chloroform	**ND**	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**3.7**	**SW846 8260B**
Dibromochloromethane	**ND**	**10**	**8.4**	**ug/L**	**84**		**SW846 8260B**
	ND	**10**	**8.5**	**ug/L**	**85**	**2.1**	**SW846 8260B**
1,2-Dibromo-3-chloro- propane	**ND**	**10**	**7.9**	**ug/L**	**79**		**SW846 8260B**
	ND	**10**	**8.6**	**ug/L**	**86**	**8.0**	**SW846 8260B**
1,2-Dibromoethane	**ND**	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**105**	**4.7**	**SW846 8260B**
1,2-Dichlorobenzene	**ND**	**10**	**8.2**	**ug/L**	**82**		**SW846 8260B**
	ND	**10**	**8.7**	**ug/L**	**87**	**5.7**	**SW846 8260B**
1,3-Dichlorobenzene	**ND**	**10**	**8.6**	**ug/L**	**86**		**SW846 8260B**
	ND	**10**	**8.9**	**ug/L**	**89**	**3.4**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10**	**8.7**	**ug/L**	**87**		**SW846 8260B**
	ND	**10**	**8.9**	**ug/L**	**89**	**2.7**	**SW846 8260B**
1,1-Dichloroethane	**ND**	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**3.6**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**10**	**10**	**ug/L**	**102**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**105**	**3.2**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**0.78**	**SW846 8260B**
cis-1,2-Dichloroethene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**6.6**	**SW846 8260B**
trans-1,2-Dichloroethene	**ND**	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**3.0**	**SW846 8260B**
1,2-Dichloropropane	**ND**	**10**	**11**	**ug/L**	**107**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**108**	**0.97**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MGTG41AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1D090432-009 MGTG41AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	10	ug/L	101	2.7	SW846 8260B
trans-1,3-Dichloropropene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.6	ug/L	96	2.6	SW846 8260B
Ethylbenzene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.5	ug/L	95	3.9	SW846 8260B
2-Hexanone	ND	20	20	ug/L	102		SW846 8260B
	ND	20	21	ug/L	107	4.8	SW846 8260B
Isopropylbenzene	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.7	ug/L	87	2.7	SW846 8260B
Methylene chloride	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.7	ug/L	97	3.5	SW846 8260B
4-Methyl-2-pentanone	ND	20	22	ug/L	109		SW846 8260B
	ND	20	23	ug/L	116	6.5	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	11	ug/L	107	7.7	SW846 8260B
Styrene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	100	0.36	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	10	ug/L	100	4.8	SW846 8260B
Tetrachloroethene	0.59	10	9.4	ug/L	88		SW846 8260B
	0.59	10	9.3	ug/L	87	0.56	SW846 8260B
Toluene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	2.9	SW846 8260B
1,1,1-Trichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.4	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	103	3.8	SW846 8260B
Trichloroethene	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	104	2.4	SW846 8260B
Vinyl chloride	ND	10	7.2	ug/L	72		SW846 8260B
	ND	10	7.7	ug/L	77	7.7	SW846 8260B
Xylenes (total)	ND	30	28	ug/L	95		SW846 8260B
	ND	30	28	ug/L	92	2.3	SW846 8260B
o-Xylene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.8	ug/L	88	2.7	SW846 8260B
m-Xylene & p-Xylene	ND	20	20	ug/L	99		SW846 8260B
	ND	20	19	ug/L	95	4.6	SW846 8260B
Bromobenzene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.9	ug/L	99	0.12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A1D110422 **Work Order #...:** MGTG41AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A1D090432-009 MGTG41AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Bromochloromethane	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**4.9**	**SW846 8260B**
n-Butylbenzene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**2.4**	**SW846 8260B**
sec-Butylbenzene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**9.3**	**ug/L**	**93**	**1.5**	**SW846 8260B**
tert-Butylbenzene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.6**	**ug/L**	**96**	**0.16**	**SW846 8260B**
2-Chlorotoluene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**3.7**	**SW846 8260B**
4-Chlorotoluene	**ND**	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**1.1**	**SW846 8260B**
Dibromomethane	**ND**	**10**	**11**	**ug/L**	**106**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**112**	**5.8**	**SW846 8260B**
1,3-Dichloropropane	**ND**	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**103**	**0.40**	**SW846 8260B**
1,1-Dichloropropene	**ND**	**10**	**10**	**ug/L**	**103**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**104**	**1.2**	**SW846 8260B**
p-Isopropyltoluene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**3.3**	**SW846 8260B**
n-Propylbenzene	**ND**	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**0.30**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	**ND**	**10**	**7.9**	**ug/L**	**79**		**SW846 8260B**
	ND	**10**	**8.6**	**ug/L**	**86**	**9.0**	**SW846 8260B**
1,2,3-Trichloropropane	**ND**	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**1.6**	**SW846 8260B**
1,2,4-Trimethylbenzene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**0.62**	**SW846 8260B**
1,3,5-Trimethylbenzene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**1.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(75 - 121)
	86	(75 - 121)
1,2-Dichloroethane-d4	84	(63 - 129)
	85	(63 - 129)
Toluene-d8	83	(74 - 115)
	82	(74 - 115)
4-Bromofluorobenzene	83	(66 - 117)
	83	(66 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GCMS SEMIVOLATILE DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

GC/MS Semivolatiles

Lot-Sample #...: A1D110422-001 **Work Order #...:** MGT7E1AC **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11
Prep Date.....: 04/12/11 **Analysis Date..:** 04/14/11
Prep Batch #...: 1102046
Dilution Factor: 1 **Initial Wgt/Vol:** 1050 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

GC/MS Semivolatiles

Lot-Sample #...: A1D110422-001 **Work Order #...:** MGT7E1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.4
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta-diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro-phenol	ND	5.0	ug/L	0.80

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

GC/MS Semivolatiles

Lot-Sample #...: A1D110422-001 **Work Order #...:** MGT7E1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	67	(10 - 110)
2,4,6-Tribromophenol	64	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AA **Matrix.....:** WATER
MB Lot-Sample #: A1D120000-046

Prep Date.....: 04/12/11 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 04/14/11 **Prep Batch #...:** 1102046
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	58	(28 - 110)
Terphenyl-d14	77	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	66	(10 - 110)
2,4,6-Tribromophenol	47	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AA **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D120000-046
Prep Date.....: 04/12/11 **Analysis Date..:** 04/14/11
Prep Batch #...: 1102046
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	64	(40 - 110)	SW846 8270C
1,2,4-Trichloro-benzene	64	(25 - 110)	SW846 8270C
Acenaphthylene	65	(43 - 110)	SW846 8270C
Anthracene	66	(54 - 114)	SW846 8270C
Benzo(a)anthracene	63	(55 - 115)	SW846 8270C
Benzo(a)pyrene	56	(43 - 116)	SW846 8270C
Benzo(b)fluoranthene	58	(43 - 122)	SW846 8270C
1,4-Dichlorobenzene	65	(19 - 110)	SW846 8270C
Benzo(ghi)perylene	65	(45 - 120)	SW846 8270C
Benzo(k)fluoranthene	71	(43 - 124)	SW846 8270C
bis(2-Chloroethoxy) methane	66	(39 - 110)	SW846 8270C
bis(2-Chloroethyl)-ether	73	(34 - 113)	SW846 8270C
bis(2-Ethylhexyl) phthalate	55	(36 - 163)	SW846 8270C
4-Bromophenyl phenyl ether	67	(51 - 114)	SW846 8270C
Butyl benzyl phthalate	68	(53 - 126)	SW846 8270C
Carbazole	65	(53 - 120)	SW846 8270C
4-Chloro-3-methylphenol	65	(39 - 110)	SW846 8270C
2-Chloronaphthalene	64	(39 - 110)	SW846 8270C
2-Chlorophenol	68	(27 - 110)	SW846 8270C
4-Chlorophenyl phenyl ether	33 a	(50 - 115)	SW846 8270C
Chrysene	63	(55 - 115)	SW846 8270C
Dibenz(a,h)anthracene	65	(46 - 122)	SW846 8270C
1,2-Dichlorobenzene	66	(23 - 110)	SW846 8270C
Dibenzofuran	64	(46 - 111)	SW846 8270C
1,3-Dichlorobenzene	64	(19 - 110)	SW846 8270C
2,4-Dichlorophenol	64	(33 - 110)	SW846 8270C
Diethyl phthalate	67	(33 - 134)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D120000-046

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4-Dimethylphenol	51	(12 - 110)	SW846 8270C
Dimethyl phthalate	67	(15 - 143)	SW846 8270C
Di-n-butyl phthalate	67	(55 - 122)	SW846 8270C
2,4-Dinitrotoluene	70	(52 - 123)	SW846 8270C
2,6-Dinitrotoluene	68	(52 - 119)	SW846 8270C
Di-n-octyl phthalate	51	(44 - 128)	SW846 8270C
Fluoranthene	68	(54 - 122)	SW846 8270C
Fluorene	64	(47 - 112)	SW846 8270C
Hexachlorobenzene	67	(51 - 112)	SW846 8270C
Hexachlorobutadiene	63	(13 - 110)	SW846 8270C
Hexachloroethane	65	(12 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	65	(46 - 121)	SW846 8270C
Isophorone	66	(44 - 128)	SW846 8270C
2-Methylnaphthalene	75	(35 - 110)	SW846 8270C
2-Methylphenol	67	(30 - 110)	SW846 8270C
Naphthalene	63	(31 - 110)	SW846 8270C
2-Nitroaniline	67	(43 - 130)	SW846 8270C
3-Nitroaniline	64	(45 - 116)	SW846 8270C
4-Nitroaniline	64	(45 - 120)	SW846 8270C
Nitrobenzene	67	(37 - 115)	SW846 8270C
2-Nitrophenol	66	(29 - 110)	SW846 8270C
4-Nitrophenol	48	(12 - 130)	SW846 8270C
N-Nitrosodi-n-propyl-amine	70	(37 - 121)	SW846 8270C
N-Nitrosodiphenylamine	64	(53 - 113)	SW846 8270C
bis(2-Chloroisopropyl) ether	70	(25 - 128)	SW846 8270C
Pentachlorophenol	58	(26 - 110)	SW846 8270C
Phenanthrene	65	(52 - 114)	SW846 8270C
Phenol	69	(14 - 112)	SW846 8270C
Pyrene	65	(55 - 120)	SW846 8270C
2,4,5-Trichloro-phenol	66	(39 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	65	(35 - 110)	SW846 8270C
N-Nitrosodimethylamine	69	(10 - 130)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D120000-046

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(27 - 111)
2-Fluorobiphenyl	63	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	72	(10 - 110)
2-Fluorophenol	72	(10 - 110)
2,4,6-Tribromophenol	73	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D120000-046
Prep Date.....: 04/12/11 **Analysis Date..:** 04/14/11
Prep Batch #...: 1102046
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	20	13	ug/L	64	SW846 8270C
1,2,4-Trichloro-benzene	20	13	ug/L	64	SW846 8270C
Acenaphthylene	20	13	ug/L	65	SW846 8270C
Anthracene	20	13	ug/L	66	SW846 8270C
Benzo(a)anthracene	20	13	ug/L	63	SW846 8270C
Benzo(a)pyrene	20	11	ug/L	56	SW846 8270C
Benzo(b)fluoranthene	20	12	ug/L	58	SW846 8270C
1,4-Dichlorobenzene	20	13	ug/L	65	SW846 8270C
Benzo(ghi)perylene	20	13	ug/L	65	SW846 8270C
Benzo(k)fluoranthene	20	14	ug/L	71	SW846 8270C
bis(2-Chloroethoxy) methane	20	13	ug/L	66	SW846 8270C
bis(2-Chloroethyl)-ether	20	15	ug/L	73	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	11	ug/L	55	SW846 8270C
4-Bromophenyl phenyl ether	20	13	ug/L	67	SW846 8270C
Butyl benzyl phthalate	20	14	ug/L	68	SW846 8270C
Carbazole	20	13	ug/L	65	SW846 8270C
4-Chloro-3-methylphenol	20	13	ug/L	65	SW846 8270C
2-Chloronaphthalene	20	13	ug/L	64	SW846 8270C
2-Chlorophenol	20	14	ug/L	68	SW846 8270C
4-Chlorophenyl phenyl ether	20	6.5 a	ug/L	33	SW846 8270C
Chrysene	20	13	ug/L	63	SW846 8270C
Dibenz(a,h)anthracene	20	13	ug/L	65	SW846 8270C
1,2-Dichlorobenzene	20	13	ug/L	66	SW846 8270C
Dibenzofuran	20	13	ug/L	64	SW846 8270C
1,3-Dichlorobenzene	20	13	ug/L	64	SW846 8270C
2,4-Dichlorophenol	20	13	ug/L	64	SW846 8270C
Diethyl phthalate	20	13	ug/L	67	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D120000-046

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4-Dimethylphenol	20	10	ug/L	51	SW846 8270C
Dimethyl phthalate	20	13	ug/L	67	SW846 8270C
Di-n-butyl phthalate	20	13	ug/L	67	SW846 8270C
2,4-Dinitrotoluene	20	14	ug/L	70	SW846 8270C
2,6-Dinitrotoluene	20	14	ug/L	68	SW846 8270C
Di-n-octyl phthalate	20	10	ug/L	51	SW846 8270C
Fluoranthene	20	14	ug/L	68	SW846 8270C
Fluorene	20	13	ug/L	64	SW846 8270C
Hexachlorobenzene	20	13	ug/L	67	SW846 8270C
Hexachlorobutadiene	20	13	ug/L	63	SW846 8270C
Hexachloroethane	20	13	ug/L	65	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	13	ug/L	65	SW846 8270C
Isophorone	20	13	ug/L	66	SW846 8270C
2-Methylnaphthalene	20	15	ug/L	75	SW846 8270C
2-Methylphenol	20	13	ug/L	67	SW846 8270C
Naphthalene	20	13	ug/L	63	SW846 8270C
2-Nitroaniline	20	13	ug/L	67	SW846 8270C
3-Nitroaniline	20	13	ug/L	64	SW846 8270C
4-Nitroaniline	20	13	ug/L	64	SW846 8270C
Nitrobenzene	20	13	ug/L	67	SW846 8270C
2-Nitrophenol	20	13	ug/L	66	SW846 8270C
4-Nitrophenol	20	9.7	ug/L	48	SW846 8270C
N-Nitrosodi-n-propyl-amine	20	14	ug/L	70	SW846 8270C
N-Nitrosodiphenylamine	20	13	ug/L	64	SW846 8270C
bis(2-Chloroisopropyl) ether	20	14	ug/L	70	SW846 8270C
Pentachlorophenol	20	12	ug/L	58	SW846 8270C
Phenanthrene	20	13	ug/L	65	SW846 8270C
Phenol	20	14	ug/L	69	SW846 8270C
Pyrene	20	13	ug/L	65	SW846 8270C
2,4,5-Trichloro-phenol	20	13	ug/L	66	SW846 8270C
2,4,6-Trichloro-phenol	20	13	ug/L	65	SW846 8270C
N-Nitrosodimethylamine	20	14	ug/L	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A1D110422 **Work Order #...:** MGV0X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A1D120000-046

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(27 - 111)
2-Fluorobiphenyl	63	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	72	(10 - 110)
2-Fluorophenol	72	(10 - 110)
2,4,6-Tribromophenol	73	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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METALS DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

TOTAL Metals

Lot-Sample #...: A1D110422-001 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1102014						
Aluminum	**69.0**	**50.0**	**ug/L**	**SW846 6020**	**04/12-04/13/11**	**MGT7E1A0**
		Dilution Factor: 1		Analysis Time..: 22:05	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**6.5**	**1.0**	**ug/L**	**SW846 6020**	**04/12-04/13/11**	**MGT7E1A1**
		Dilution Factor: 1		Analysis Time..: 22:05	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.40		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AV
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.66		
Antimony	**0.16 B**	**2.0**	**ug/L**	**SW846 6020**	**04/12-04/13/11**	**MGT7E1A2**
		Dilution Factor: 1		Analysis Time..: 22:05	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.13		
Thallium	ND	1.0	ug/L	SW846 6020	04/12-04/13/11	MGT7E1A3
		Dilution Factor: 1		Analysis Time..: 22:05	Analyst ID.....: 000079	
		Instrument ID..: I8		MDL.....: 0.14		
Lead	ND	3.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AW
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.9		
Barium	**83.3 B,J**	**200**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AD**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.67		
Selenium	ND	5.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AX
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.1		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AE
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**50600 J**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AF**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 130		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

TOTAL Metals

Lot-Sample #...: A1D110422-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AG
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Cobalt	ND	50.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AH
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 1.7		
Copper	ND	25.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AJ
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 4.5		
Iron	**635**	**100**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AK**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 81.0		
Magnesium	**22200 J**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AL**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**65.1 J**	**15.0**	**ug/L**	**SW846 6010B**	**04/12-04/14/11**	**MGT7E1AM**
		Dilution Factor: 1		Analysis Time..: 22:28	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.41		
Nickel	**3.6 B**	**40.0**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AN**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 3.2		
Potassium	**1690 B,J**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AP**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 72.0		
Silver	ND	10.0	ug/L	SW846 6010B	04/12-04/14/11	MGT7E1AQ
		Dilution Factor: 1		Analysis Time..: 22:28	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 2.2		
Sodium	**22000**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AR**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 590		

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Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

TOTAL Metals

Lot-Sample #...: A1D110422-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	50.0	ug/L	SW846 6010B	04/12-04/13/11	MGT7E1AT
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**6.2 B,J**	**20.0**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGT7E1AU**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	04/12-04/14/11	MGT7E1A4
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A1D120000-014 **Prep Batch #...:** 1102014						
Aluminum	ND	50.0	ug/L	SW846 6020	04/12-04/13/11	MGVXK1AW
		Dilution Factor: 1				
		Analysis Time..: 21:03	Analyst ID.....: 000079		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	04/12-04/13/11	MGVXK1A0
		Dilution Factor: 1				
		Analysis Time..: 21:03	Analyst ID.....: 000079		Instrument ID..: I8	
Arsenic	ND	1.0	ug/L	SW846 6020	04/12-04/13/11	MGVXK1AX
		Dilution Factor: 1				
		Analysis Time..: 21:03	Analyst ID.....: 000079		Instrument ID..: I8	
Cadmium	ND	1.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AT
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Thallium	ND	1.0	ug/L	SW846 6020	04/12-04/13/11	MGVXK1A1
		Dilution Factor: 1				
		Analysis Time..: 21:03	Analyst ID.....: 000079		Instrument ID..: I8	
Lead	ND	3.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AU
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Barium	**0.83 B**	**200**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGVXK1AA**
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Selenium	ND	5.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AV
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Beryllium	ND	1.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AC
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Calcium	**314 B**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGVXK1AD**
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Chromium	ND	10.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AE
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AF
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Copper	ND	25.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AG
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Iron	ND	100	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AH
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Magnesium	**67.5 B**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGVXK1AJ**
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Manganese	**1.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGVXK1AK**
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Nickel	ND	40.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AL
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Potassium	**189 B**	**5000**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGVXK1AM**
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Silver	ND	10.0	ug/L	SW846 6010B	04/12-04/14/11	MGVXK1AN
		Dilution Factor: 1				
		Analysis Time..: 21:40	Analyst ID.....: 002260		Instrument ID..: I5	
Sodium	ND	5000	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AP
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Vanadium	ND	50.0	ug/L	SW846 6010B	04/12-04/13/11	MGVXK1AQ
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Zinc	**8.1 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/12-04/13/11**	**MGVXK1AR**
		Dilution Factor: 1				
		Analysis Time..: 17:47	Analyst ID.....: 002260		Instrument ID..: I5	
Mercury	ND	0.20	ug/L	SW846 7470A	04/12-04/14/11	MGVXK1A2
		Dilution Factor: 1				
		Analysis Time..: 15:36	Analyst ID.....: 001576		Instrument ID..: H1	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1D120000-014 **Prep Batch #...:** 1102014					
Cadmium	93	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CK
		Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5			
Aluminum	88	(80 - 120)	SW846 6020	04/12-04/13/11	MGVXK1CN
		Dilution Factor: 1	Analysis Time..: 21:07	Analyst ID.....: 000079	
		Instrument ID..: I8			
Arsenic	90	(80 - 120)	SW846 6020	04/12-04/13/11	MGVXK1CP
		Dilution Factor: 1	Analysis Time..: 21:07	Analyst ID.....: 000079	
		Instrument ID..: I8			
Antimony	92	(80 - 120)	SW846 6020	04/12-04/13/11	MGVXK1CQ
		Dilution Factor: 1	Analysis Time..: 21:07	Analyst ID.....: 000079	
		Instrument ID..: I8			
Thallium	86	(80 - 120)	SW846 6020	04/12-04/13/11	MGVXK1CR
		Dilution Factor: 1	Analysis Time..: 21:07	Analyst ID.....: 000079	
		Instrument ID..: I8			
Lead	92	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CL
		Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5			
Barium	94	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A3
		Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5			
Selenium	93	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CM
		Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5			
Beryllium	98	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A4
		Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5			
Calcium	92	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A5
		Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	94	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A6
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Cobalt	93	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A7
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Copper	94	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A8
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Iron	94	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1A9
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Magnesium	91	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CA
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Manganese	100	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CC
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Nickel	96	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CD
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Potassium	92	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CE
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Silver	86	(80 - 120)	SW846 6010B	04/12-04/14/11	MGVXK1CF
	Dilution Factor: 1	Analysis Time..: 21:46	Analyst ID.....: 002260		
	Instrument ID..: I5				
Sodium	92	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CG
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Vanadium	93	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CH
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	99	(80 - 120)	SW846 6010B	04/12-04/13/11	MGVXK1CJ
	Dilution Factor: 1	Analysis Time..: 17:52	Analyst ID.....: 002260		
	Instrument ID..: I5				
Mercury	98	(81 - 123)	SW846 7470A	04/12-04/14/11	MGVXK1CT
	Dilution Factor: 1	Analysis Time..: 15:38	Analyst ID.....: 001576		
	Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A1D120000-014 **Prep Batch #...:** 1102014							
Cadmium	50.0	46.5	ug/L	93	SW846 6010B	04/12-04/13/11	MGVXK1CK
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				
Aluminum	10000	8780	ug/L	88	SW846 6020	04/12-04/13/11	MGVXK1CN
			Dilution Factor: 1		Analysis Time..: 21:07	Analyst ID.....: 000079	
			Instrument ID..: I8				
Arsenic	100	90.4	ug/L	90	SW846 6020	04/12-04/13/11	MGVXK1CP
			Dilution Factor: 1		Analysis Time..: 21:07	Analyst ID.....: 000079	
			Instrument ID..: I8				
Antimony	100	92.0	ug/L	92	SW846 6020	04/12-04/13/11	MGVXK1CQ
			Dilution Factor: 1		Analysis Time..: 21:07	Analyst ID.....: 000079	
			Instrument ID..: I8				
Thallium	100	85.8	ug/L	86	SW846 6020	04/12-04/13/11	MGVXK1CR
			Dilution Factor: 1		Analysis Time..: 21:07	Analyst ID.....: 000079	
			Instrument ID..: I8				
Lead	500	458	ug/L	92	SW846 6010B	04/12-04/13/11	MGVXK1CL
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				
Barium	2000	1890	ug/L	94	SW846 6010B	04/12-04/13/11	MGVXK1A3
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				
Selenium	2000	1860	ug/L	93	SW846 6010B	04/12-04/13/11	MGVXK1CM
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				
Beryllium	50.0	48.8	ug/L	98	SW846 6010B	04/12-04/13/11	MGVXK1A4
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				
Calcium	50000	46200	ug/L	92	SW846 6010B	04/12-04/13/11	MGVXK1A5
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	188	ug/L	94	SW846 6010B	04/12-04/13/11	MGVXK1A6
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Cobalt	500	466	ug/L	93	SW846 6010B	04/12-04/13/11	MGVXK1A7
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Copper	250	236	ug/L	94	SW846 6010B	04/12-04/13/11	MGVXK1A8
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Iron	1000	942	ug/L	94	SW846 6010B	04/12-04/13/11	MGVXK1A9
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Magnesium	50000	45600	ug/L	91	SW846 6010B	04/12-04/13/11	MGVXK1CA
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Manganese	500	498	ug/L	100	SW846 6010B	04/12-04/13/11	MGVXK1CC
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Nickel	500	478	ug/L	96	SW846 6010B	04/12-04/13/11	MGVXK1CD
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Potassium	50000	45800	ug/L	92	SW846 6010B	04/12-04/13/11	MGVXK1CE
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Silver	50.0	42.9	ug/L	86	SW846 6010B	04/12-04/14/11	MGVXK1CF
		Dilution Factor: 1			Analysis Time..: 21:46	Analyst ID.....: 002260	
		Instrument ID..: I5					
Sodium	50000	45900	ug/L	92	SW846 6010B	04/12-04/13/11	MGVXK1CG
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					
Vanadium	500	464	ug/L	93	SW846 6010B	04/12-04/13/11	MGVXK1CH
		Dilution Factor: 1			Analysis Time..: 17:52	Analyst ID.....: 002260	
		Instrument ID..: I5					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	494	ug/L	99	SW846 6010B	04/12-04/13/11	MGVXK1CJ
			Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 002260	
			Instrument ID..: I5				
Mercury	5.0	4.9	ug/L	98	SW846 7470A	04/12-04/14/11	MGVXK1CT
			Dilution Factor: 1		Analysis Time..: 15:38	Analyst ID.....: 001576	
			Instrument ID..: H1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1D110422-001 **Prep Batch #...:** 1102014							
Aluminum	95	(63 - 128)			SW846 6020	04/12-04/13/11	MGT7E1DG
	97	(63 - 128)	1.9	(0-20)	SW846 6020	04/12-04/13/11	MGT7E1DH
		Dilution Factor: 1					
		Analysis Time..: 22:09			Instrument ID..: I8	Analyst ID.....: 000079	
Antimony	98	(44 - 153)			SW846 6020	04/12-04/13/11	MGT7E1DL
	101	(44 - 153)	3.1	(0-20)	SW846 6020	04/12-04/13/11	MGT7E1DM
		Dilution Factor: 1					
		Analysis Time..: 22:09			Instrument ID..: I8	Analyst ID.....: 000079	
Arsenic	94	(82 - 123)			SW846 6020	04/12-04/13/11	MGT7E1DJ
	96	(82 - 123)	2.0	(0-20)	SW846 6020	04/12-04/13/11	MGT7E1DK
		Dilution Factor: 1					
		Analysis Time..: 22:09			Instrument ID..: I8	Analyst ID.....: 000079	
Cadmium	105	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1C9
	111	(75 - 125)	5.1	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1DA
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Thallium	95	(69 - 117)			SW846 6020	04/12-04/13/11	MGT7E1DN
	97	(69 - 117)	2.6	(0-20)	SW846 6020	04/12-04/13/11	MGT7E1DP
		Dilution Factor: 1					
		Analysis Time..: 22:09			Instrument ID..: I8	Analyst ID.....: 000079	
Lead	105	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1DC
	109	(75 - 125)	3.9	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1DD
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Barium	99	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1A9
	105	(75 - 125)	5.3	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CA
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Selenium	103	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1DE
	107	(75 - 125)	3.6	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1DF
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	109	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CC
	114	(75 - 125)	5.0	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CD
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Calcium	99	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CE
	109	(75 - 125)	5.0	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CF
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Chromium	105	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CG
	111	(75 - 125)	5.2	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CH
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Cobalt	104	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CJ
	110	(75 - 125)	5.2	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CK
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Copper	100	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CL
	106	(75 - 125)	5.4	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CM
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Iron	104	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CN
	114	(75 - 125)	5.5	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CP
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Magnesium	103	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CQ
	111	(75 - 125)	5.2	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CR
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Manganese	107	(75 - 125)			SW846 6010B	04/12-04/14/11	MGT7E1CT
	106	(75 - 125)	0.98	(0-20)	SW846 6010B	04/12-04/14/11	MGT7E1CU
		Dilution Factor: 1					
		Analysis Time..: 22:51			Instrument ID..: I5	Analyst ID.....: 002260	
Nickel	105	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CV
	110	(75 - 125)	5.2	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1CW
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	94	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1CX
	99	(75 - 125)	4.4	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1C0
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Silver	81	(75 - 125)			SW846 6010B	04/12-04/14/11	MGT7E1C1
	95	(75 - 125)	16	(0-20)	SW846 6010B	04/12-04/14/11	MGT7E1C2
		Dilution Factor: 1					
		Analysis Time..: 22:51			Instrument ID..: I5	Analyst ID.....: 002260	
Sodium	95	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1C3
	102	(75 - 125)	4.5	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1C4
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Vanadium	102	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1C5
	108	(75 - 125)	5.2	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1C6
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Zinc	106	(75 - 125)			SW846 6010B	04/12-04/13/11	MGT7E1C7
	112	(75 - 125)	5.1	(0-20)	SW846 6010B	04/12-04/13/11	MGT7E1C8
		Dilution Factor: 1					
		Analysis Time..: 19:52			Instrument ID..: I5	Analyst ID.....: 002260	
Mercury	90	(69 - 134)			SW846 7470A	04/12-04/14/11	MGT7E1DQ
	92	(69 - 134)	1.8	(0-20)	SW846 7470A	04/12-04/14/11	MGT7E1DR
		Dilution Factor: 1					
		Analysis Time..: 15:43			Instrument ID..: H1	Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A1D110422-001 **Prep Batch #...:** 1102014									
Aluminum									
	69.0	10000	9570	ug/L	95		SW846 6020	04/12-04/13/11	MGT7E1DG
	69.0	10000	9750	ug/L	97	1.9	SW846 6020	04/12-04/13/11	MGT7E1DH
			Dilution Factor: 1						
			Analysis Time..: 22:09		Instrument ID..: I8			Analyst ID.....: 000079	
Antimony									
	0.16	100	98.5	ug/L	98		SW846 6020	04/12-04/13/11	MGT7E1DL
	0.16	100	102	ug/L	101	3.1	SW846 6020	04/12-04/13/11	MGT7E1DM
			Dilution Factor: 1						
			Analysis Time..: 22:09		Instrument ID..: I8			Analyst ID.....: 000079	
Arsenic									
	6.5	100	101	ug/L	94		SW846 6020	04/12-04/13/11	MGT7E1DJ
	6.5	100	103	ug/L	96	2.0	SW846 6020	04/12-04/13/11	MGT7E1DK
			Dilution Factor: 1						
			Analysis Time..: 22:09		Instrument ID..: I8			Analyst ID.....: 000079	
Cadmium									
	ND	50.0	52.7	ug/L	105		SW846 6010B	04/12-04/13/11	MGT7E1C9
	ND	50.0	55.5	ug/L	111	5.1	SW846 6010B	04/12-04/13/11	MGT7E1DA
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Thallium									
	ND	100	94.9	ug/L	95		SW846 6020	04/12-04/13/11	MGT7E1DN
	ND	100	97.5	ug/L	97	2.6	SW846 6020	04/12-04/13/11	MGT7E1DP
			Dilution Factor: 1						
			Analysis Time..: 22:09		Instrument ID..: I8			Analyst ID.....: 000079	
Lead									
	ND	500	524	ug/L	105		SW846 6010B	04/12-04/13/11	MGT7E1DC
	ND	500	545	ug/L	109	3.9	SW846 6010B	04/12-04/13/11	MGT7E1DD
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Barium									
	83.3	2000	2070	ug/L	99		SW846 6010B	04/12-04/13/11	MGT7E1A9
	83.3	2000	2180	ug/L	105	5.3	SW846 6010B	04/12-04/13/11	MGT7E1CA
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	2000	2070	ug/L	103		SW846 6010B	04/12-04/13/11	MGT7E1DE
	ND	2000	2150	ug/L	107	3.6	SW846 6010B	04/12-04/13/11	MGT7E1DF
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		
Beryllium									
	ND	50.0	54.4	ug/L	109		SW846 6010B	04/12-04/13/11	MGT7E1CC
	ND	50.0	57.2	ug/L	114	5.0	SW846 6010B	04/12-04/13/11	MGT7E1CD
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		
Calcium									
	50600	50000	99900	ug/L	99		SW846 6010B	04/12-04/13/11	MGT7E1CE
	50600	50000	105000	ug/L	109	5.0	SW846 6010B	04/12-04/13/11	MGT7E1CF
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		
Chromium									
	ND	200	210	ug/L	105		SW846 6010B	04/12-04/13/11	MGT7E1CG
	ND	200	221	ug/L	111	5.2	SW846 6010B	04/12-04/13/11	MGT7E1CH
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		
Cobalt									
	ND	500	522	ug/L	104		SW846 6010B	04/12-04/13/11	MGT7E1CJ
	ND	500	550	ug/L	110	5.2	SW846 6010B	04/12-04/13/11	MGT7E1CK
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		
Copper									
	ND	250	250	ug/L	100		SW846 6010B	04/12-04/13/11	MGT7E1CL
	ND	250	264	ug/L	106	5.4	SW846 6010B	04/12-04/13/11	MGT7E1CM
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		
Iron									
	635	1000	1680	ug/L	104		SW846 6010B	04/12-04/13/11	MGT7E1CN
	635	1000	1770	ug/L	114	5.5	SW846 6010B	04/12-04/13/11	MGT7E1CP
			Dilution Factor: 1						
			Analysis Time..: 19:52	Instrument ID..: I5			Analyst ID.....: 002260		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	22200	50000	73700	ug/L	103		SW846 6010B	04/12-04/13/11	MGT7E1CQ
	22200	50000	77700	ug/L	111	5.2	SW846 6010B	04/12-04/13/11	MGT7E1CR
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Manganese									
	65.1	500	600	ug/L	107		SW846 6010B	04/12-04/14/11	MGT7E1CT
	65.1	500	595	ug/L	106	0.98	SW846 6010B	04/12-04/14/11	MGT7E1CU
			Dilution Factor: 1						
			Analysis Time..: 22:51		Instrument ID..: I5			Analyst ID.....: 002260	
Nickel									
	3.6	500	527	ug/L	105		SW846 6010B	04/12-04/13/11	MGT7E1CV
	3.6	500	555	ug/L	110	5.2	SW846 6010B	04/12-04/13/11	MGT7E1CW
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Potassium									
	1690	50000	48900	ug/L	94		SW846 6010B	04/12-04/13/11	MGT7E1CX
	1690	50000	51100	ug/L	99	4.4	SW846 6010B	04/12-04/13/11	MGT7E1C0
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Silver									
	ND	50.0	40.5	ug/L	81		SW846 6010B	04/12-04/14/11	MGT7E1C1
	ND	50.0	47.6	ug/L	95	16	SW846 6010B	04/12-04/14/11	MGT7E1C2
			Dilution Factor: 1						
			Analysis Time..: 22:51		Instrument ID..: I5			Analyst ID.....: 002260	
Sodium									
	22000	50000	69600	ug/L	95		SW846 6010B	04/12-04/13/11	MGT7E1C3
	22000	50000	72800	ug/L	102	4.5	SW846 6010B	04/12-04/13/11	MGT7E1C4
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Vanadium									
	ND	500	511	ug/L	102		SW846 6010B	04/12-04/13/11	MGT7E1C5
	ND	500	538	ug/L	108	5.2	SW846 6010B	04/12-04/13/11	MGT7E1C6
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A1D110422 **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	6.2	500	539	ug/L	106		SW846 6010B	04/12-04/13/11	MGT7E1C7
	6.2	500	567	ug/L	112	5.1	SW846 6010B	04/12-04/13/11	MGT7E1C8
			Dilution Factor: 1						
			Analysis Time..: 19:52		Instrument ID..: I5			Analyst ID.....: 002260	
Mercury									
	ND	1.0	0.90	ug/L	90		SW846 7470A	04/12-04/14/11	MGT7E1DQ
	ND	1.0	0.92	ug/L	92	1.8	SW846 7470A	04/12-04/14/11	MGT7E1DR
			Dilution Factor: 1						
			Analysis Time..: 15:43		Instrument ID..: H1			Analyst ID.....: 001576	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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GENERAL CHEMISTRY DATA

Conestoga Rovers & Associates, Inc.

Client Sample ID: GW-WT106C-040811

General Chemistry

Lot-Sample #...: A1D110422-001 **Work Order #...:** MGT7E **Matrix.....:** WG
Date Sampled...: 04/08/11 10:25 **Date Received..:** 04/09/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide	**0.30 B**	**0.50**	**mg/L**	**MCAWW 300.0A**	**04/20/11**	**1111294**
		Dilution Factor: 1		MDL.....: 0.081		
Chloride	**9.4**	**1.0**	**mg/L**	**MCAWW 300.0A**	**04/20/11**	**1111290**
		Dilution Factor: 1		MDL.....: 0.10		
Cyanide, Total	**0.016**	**0.010**	**mg/L**	**SW846 9012A**	**04/19/11**	**1109221**
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**8.2**	**1.0**	**mg/L**	**MCAWW 300.0A**	**04/20/11**	**1111301**
		Dilution Factor: 1		MDL.....: 0.12		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: MHCM91AA		MB Lot-Sample #:	A1D210000-294	
	ND	0.50	mg/L	MCAWW 300.0A	04/20/11	1111294
		Dilution Factor: 1				
Chloride		Work Order #: MHCMA1AA		MB Lot-Sample #:	A1D210000-290	
	ND	1.0	mg/L	MCAWW 300.0A	04/20/11	1111290
		Dilution Factor: 1				
Cyanide, Total		Work Order #: MG79A1AA		MB Lot-Sample #:	A1D190000-221	
	ND	0.010	mg/L	SW846 9012A	04/19/11	1109221
		Dilution Factor: 1				
Sulfate		Work Order #: MHCNN1AA		MB Lot-Sample #:	A1D210000-301	
	ND	1.0	mg/L	MCAWW 300.0A	04/20/11	1111301
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A1D110422 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MHCM91AC-LCS/MHCM91AD-LCSD LCS Lot-Sample#: A1D210000-294					
	99	(90 - 110)			MCAWW 300.0A	04/20/11	1111294
	99	(90 - 110)	0.55	(0-20)	MCAWW 300.0A	04/20/11	1111294
		Dilution Factor: 1					
Chloride		WO#:MHCMA1AC-LCS/MHCMA1AD-LCSD LCS Lot-Sample#: A1D210000-290					
	103	(90 - 110)			MCAWW 300.0A	04/20/11	1111290
	104	(90 - 110)	0.19	(0-20)	MCAWW 300.0A	04/20/11	1111290
		Dilution Factor: 1					
Sulfate		WO#:MHCNN1AC-LCS/MHCNN1AD-LCSD LCS Lot-Sample#: A1D210000-301					
	99	(90 - 110)			MCAWW 300.0A	04/20/11	1111301
	99	(90 - 110)	0.14	(0-20)	MCAWW 300.0A	04/20/11	1111301
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A1D110422 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#:MHCM91AC-LCS/MHCM91AD-LCSD		LCS Lot-Sample#: A1D210000-294				
	10.0	9.9	mg/L	99		MCAWW 300.0A	04/20/11	1111294
	10.0	9.9	mg/L	99	0.55	MCAWW 300.0A	04/20/11	1111294
		Dilution Factor: 1						
Chloride		WO#:MHCMA1AC-LCS/MHCMA1AD-LCSD		LCS Lot-Sample#: A1D210000-290				
	50.0	51.7	mg/L	103		MCAWW 300.0A	04/20/11	1111290
	50.0	51.8	mg/L	104	0.19	MCAWW 300.0A	04/20/11	1111290
		Dilution Factor: 1						
Sulfate		WO#:MHCNN1AC-LCS/MHCNN1AD-LCSD		LCS Lot-Sample#: A1D210000-301				
	50.0	49.4	mg/L	99		MCAWW 300.0A	04/20/11	1111301
	50.0	49.5	mg/L	99	0.14	MCAWW 300.0A	04/20/11	1111301
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: MG79A1AC	LCS Lot-Sample#: A1D190000-221		
	107	(69 - 118)	SW846 9012A	04/19/11	1109221
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: MG79A1AC			LCS Lot-Sample#: A1D190000-221			
	0.33	0.35	mg/L	107	SW846 9012A	04/19/11	1109221
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER
Date Sampled...: 04/19/11 11:45 **Date Received..:** 04/20/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: MG4ER1AM-MS/MG4ER1AN-MSD				MS Lot-Sample #: A1D150562-004	
	96	(42 - 140)			SW846 9012A	04/19/11	1109221
	75 *	(42 - 140)	23	(0-20)	SW846 9012A	04/19/11	1109221
		Dilution Factor: 1					
Sulfate		WO#: MG9KF1AJ-MS/MG9KF1AK-MSD				MS Lot-Sample #: A1D200503-001	
	116	(80 - 120)			MCAWW 300.0A	04/21/11	1111301
	119	(80 - 120)	1.1	(0-20)	MCAWW 300.0A	04/21/11	1111301
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER
Date Sampled...: 04/19/11 11:45 **Date Received..:** 04/20/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: MG4ER1AM-MS/MG4ER1AN-MSD				MS Lot-Sample #: A1D150562-004		
	ND	0.040	0.040	mg/L	96		SW846 9012A	04/19/11	1109221
	ND	0.040	0.032 *	mg/L	75	23	SW846 9012A	04/19/11	1109221
			Dilution Factor: 1						
Sulfate			WO#: MG9KF1AJ-MS/MG9KF1AK-MSD				MS Lot-Sample #: A1D200503-001		
	85.2	50.0	143	mg/L	116		MCAWW 300.0A	04/21/11	1111301
	85.2	50.0	145	mg/L	119	1.1	MCAWW 300.0A	04/21/11	1111301
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER
Date Sampled...: 04/11/11 08:45 **Date Received..:** 04/12/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #...: MGWN31A1		MS Lot-Sample #: A1D120494-002	
	108	(80 - 120)	MCAWW 300.0A	04/20/11	1111290
		Dilution Factor: 1			
Chloride		Work Order #...: MG0E91A1		MS Lot-Sample #: A1D130533-004	
	119	(80 - 120)	MCAWW 300.0A	04/20/11	1111290
		Dilution Factor: 1			
Chloride		Work Order #...: MG4W21C1		MS Lot-Sample #: A1D160402-001	
	119	(80 - 120)	MCAWW 300.0A	04/20/11	1111290
		Dilution Factor: 1			
Sulfate		Work Order #...: MG91L1CD		MS Lot-Sample #: A1D200572-002	
	111	(80 - 120)	MCAWW 300.0A	04/21/11	1111301
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A1D110422 **Matrix.....:** WATER
Date Sampled...: 04/11/11 08:45 **Date Received..:** 04/12/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...: MGWN31A1			MS Lot-Sample #: A1D120494-002		
	3.7	50.0	57.6	mg/L	108	MCAWW 300.0A	04/20/11	1111290
			Dilution Factor: 1					
Chloride			Work Order #...: MG0E91A1			MS Lot-Sample #: A1D130533-004		
	17.8	50.0	77.3	mg/L	119	MCAWW 300.0A	04/20/11	1111290
			Dilution Factor: 1					
Chloride			Work Order #...: MG4W21C1			MS Lot-Sample #: A1D160402-001		
	37.6	50.0	96.9	mg/L	119	MCAWW 300.0A	04/20/11	1111290
			Dilution Factor: 1					
Sulfate			Work Order #...: MG91L1CD			MS Lot-Sample #: A1D200572-002		
	0.66	50.0	56.2	mg/L	111	MCAWW 300.0A	04/21/11	1111301
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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END OF REPORT

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ANALYTICAL REPORT

Job Number: 240-1125-1

Job Description: 39611 HIMCO

For:
Conestoga-Rovers & Associates, Inc.
6520 Corporate Drive
Indianapolis, IN 46278

Attention: Mr. Steve Day

Approved for release.
Amy L McCormick
Project Manager II
7/31/2011 12:46 PM

Amy L McCormick
Project Manager II
amy.mccormick@testamericainc.com
07/31/2011

cc: EDD CRA
CRA Tracking CRA Tracking

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TestAmerica Laboratories, Inc.
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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 39611 HIMCO

Report Number: 240-1125-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/16/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.9, 2.9, 3.1, and 3.7 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT117A-061411 (240-1125-1), TRIP BLANK-061411-001 (240-1125-2), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411 (240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/25/2011 and 06/27/2011.

Trichlorofluoromethane failed the recovery criteria high for LCS 240-6100/4. Trichlorofluoromethane failed the recovery criteria high for LCS 240-6189/4. Refer to the QC report for details.

The laboratory control sample (LCS) for batch 6100 exceeded control limits for trichlorofluoromethane. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

The laboratory control sample (LCS) for batch 6189 exceeded control limits for trichlorofluoromethane. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT117A-061411 (240-1125-1), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411 (240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on

06/28/2011, 06/29/2011 and 07/07/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batch 5267.

No other difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples GW-WT117A-061411 (240-1125-1), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411 (240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 07/15/2011 and 07/20/2011.

Iron was detected in method blank MB 240-8435/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Several analytes were detected in method blank MB 240-8435/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-WT117A-061411 (240-1125-1), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411 (240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were analyzed on 07/15/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-WT117A-061411 (240-1125-1), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411 (240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were analyzed on 06/30/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Samples GW-WT117A-061411 (240-1125-1), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411 (240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 06/20/2011 and 06/21/2011.

Samples GW-WT117B-061411 (240-1125-3)[5X], GW-WT117C-061411 (240-1125-4)[5X] and GW-WT117D-061411 (240-1125-5)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples GW-WT117A-061411 (240-1125-1), GW-WT117B-061411 (240-1125-3), GW-WT117C-061411 (240-1125-4), GW-WT117D-061411 (240-1125-5), GW-WT117D-061411-E (240-1125-6), GW-WT121A-061411 (240-1125-7), GW-WT121B-061411

(240-1125-8), GW-WT120A-061511 (240-1125-9), GW-WT120C-061511 (240-1125-10) and GW-WT120B-061511 (240-1125-11) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 06/23/2011 and 06/24/2011.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1125-1	**GW-WT117A-061411**					
Bis(2-ethylhexyl) phthalate		0.80	J	1.9	ug/L	8270C
Chloride		1.3		1.0	mg/L	300.0
Sulfate		13		1.0	mg/L	300.0
Total Recoverable						
Barium		16	J B	200	ug/L	6010B
Calcium		17000	B	5000	ug/L	6010B
Chromium		4.8	J	10	ug/L	6010B
Iron		780		100	ug/L	6010B
Potassium		490	J B	5000	ug/L	6010B
Magnesium		2800	J B	5000	ug/L	6010B
Manganese		13	J B	15	ug/L	6010B
Sodium		2200	J	5000	ug/L	6010B
Nickel		4.5	J ^	40	ug/L	6010B
Vanadium		2.5	J	50	ug/L	6010B
Zinc		8.8	J B	20	ug/L	6010B
Aluminum		1500		50	ug/L	6020
Antimony		0.23	J	2.0	ug/L	6020
Thallium		0.89	J	1.0	ug/L	6020
240-1125-2TB	**TRIP BLANK-061411-001**					
Acetone		2.8	J	10	ug/L	8260B
240-1125-3	**GW-WT117B-061411**					
Benzene		0.53	J	1.0	ug/L	8260B
1,1-Dichloroethane		2.7		1.0	ug/L	8260B
Butyl benzyl phthalate		0.96	J	0.97	ug/L	8270C
Chloride		40		1.0	mg/L	300.0
Bromide		0.19	J	0.50	mg/L	300.0
Sulfate		240		5.0	mg/L	300.0
Total Recoverable						
Barium		49	J B	200	ug/L	6010B
Beryllium		0.63	J ^	1.0	ug/L	6010B
Calcium		180000	B	5000	ug/L	6010B
Iron		5200	B	100	ug/L	6010B
Potassium		1900	J B	5000	ug/L	6010B
Magnesium		28000	B	5000	ug/L	6010B
Manganese		130	B	15	ug/L	6010B
Sodium		24000		5000	ug/L	6010B
Arsenic		2.4		1.0	ug/L	6020
Antimony		0.26	J	2.0	ug/L	6020
Thallium		1.3		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1125-4	**GW-WT117C-061411**					
Benzene		0.87	J	1.0	ug/L	8260B
Carbon disulfide		0.22	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.98	J	1.0	ug/L	8260B
Dichlorodifluoromethane		0.83	J	1.0	ug/L	8260B
1,1-Dichloroethane		5.1		1.0	ug/L	8260B
Vinyl chloride		1.4		1.0	ug/L	8260B
Chloride		34		1.0	mg/L	300.0
Bromide		0.44	J	0.50	mg/L	300.0
Sulfate		280		5.0	mg/L	300.0
Cyanide, Total		0.0071	J	0.010	mg/L	9012A
Total Recoverable						
Barium		210	B	200	ug/L	6010B
Beryllium		0.71	J ^	1.0	ug/L	6010B
Calcium		290000	B	5000	ug/L	6010B
Iron		4000	B	100	ug/L	6010B
Potassium		4400	J B	5000	ug/L	6010B
Magnesium		20000	B	5000	ug/L	6010B
Manganese		430	B	15	ug/L	6010B
Sodium		32000		5000	ug/L	6010B
Vanadium		1.3	J	50	ug/L	6010B
Aluminum		32	J	50	ug/L	6020
Arsenic		1.5		1.0	ug/L	6020
Antimony		0.14	J	2.0	ug/L	6020
Thallium		0.59	J	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1125-5	**GW-WT117D-061411**					
Carbon disulfide		0.24	J	1.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		0.94	J	2.0	ug/L	8270C
Chloride		33		1.0	mg/L	300.0
Sulfate		220		5.0	mg/L	300.0
Total Recoverable						
Barium		55	J B	200	ug/L	6010B
Beryllium		0.65	J ^	1.0	ug/L	6010B
Calcium		120000	B	5000	ug/L	6010B
Chromium		14		10	ug/L	6010B
Iron		5600	B	100	ug/L	6010B
Potassium		2500	J B	5000	ug/L	6010B
Magnesium		28000	B	5000	ug/L	6010B
Manganese		160	B	15	ug/L	6010B
Sodium		15000		5000	ug/L	6010B
Nickel		7.9	J ^	40	ug/L	6010B
Zinc		5.2	J B	20	ug/L	6010B
Aluminum		23	J	50	ug/L	6020
Arsenic		3.6		1.0	ug/L	6020
Thallium		0.38	J	1.0	ug/L	6020
240-1125-6EB	**GW-WT117D-061411-E**					
Total Recoverable						
Beryllium		0.61	J ^	1.0	ug/L	6010B
Potassium		150	J B	5000	ug/L	6010B
Manganese		4.1	J B	15	ug/L	6010B
Thallium		0.27	J	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1125-7	**GW-WT121A-061411**					
Carbon disulfide		0.19	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.86	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.9		1.0	ug/L	8260B
Butyl benzyl phthalate		1.8		0.95	ug/L	8270C
Chloride		110		1.0	mg/L	300.0
Bromide		0.10	J	0.50	mg/L	300.0
Sulfate		75		1.0	mg/L	300.0
Total Recoverable						
Barium		68	J B	200	ug/L	6010B
Beryllium		0.61	J ^	1.0	ug/L	6010B
Calcium		91000	B	5000	ug/L	6010B
Iron		3300	B	100	ug/L	6010B
Potassium		1800	J B	5000	ug/L	6010B
Magnesium		20000	B	5000	ug/L	6010B
Manganese		80	B	15	ug/L	6010B
Sodium		46000		5000	ug/L	6010B
Zinc		5.4	J B	20	ug/L	6010B
Aluminum		21	J	50	ug/L	6020
Arsenic		8.9		1.0	ug/L	6020
Thallium		0.24	J	1.0	ug/L	6020
240-1125-8	**GW-WT121B-061411**					
Carbon disulfide		0.61	J	1.0	ug/L	8260B
Vinyl chloride		0.79	J	1.0	ug/L	8260B
Acetophenone		0.76	J	1.0	ug/L	8270C
Chloride		31		1.0	mg/L	300.0
Bromide		1.6		0.50	mg/L	300.0
Sulfate		73		1.0	mg/L	300.0
Total Recoverable						
Barium		390	B	200	ug/L	6010B
Beryllium		0.72	J ^	1.0	ug/L	6010B
Calcium		110000	B	5000	ug/L	6010B
Iron		6400	B	100	ug/L	6010B
Potassium		6500	B	5000	ug/L	6010B
Magnesium		51000	B	5000	ug/L	6010B
Manganese		35	B	15	ug/L	6010B
Sodium		57000		5000	ug/L	6010B
Arsenic		15		1.0	ug/L	6020
Thallium		0.19	J	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1125-9	**GW-WT120A-061511**					
Chloride		86		1.0	mg/L	300.0
Bromide		0.11	J	0.50	mg/L	300.0
Sulfate		39		1.0	mg/L	300.0
Total Recoverable						
Barium		82	J B	200	ug/L	6010B
Beryllium		0.74	J ^	1.0	ug/L	6010B
Calcium		85000	B	5000	ug/L	6010B
Iron		1100		100	ug/L	6010B
Potassium		2000	J B	5000	ug/L	6010B
Magnesium		21000	B	5000	ug/L	6010B
Manganese		93	B	15	ug/L	6010B
Sodium		31000		5000	ug/L	6010B
Aluminum		37	J	50	ug/L	6020
Arsenic		4.3		1.0	ug/L	6020
Thallium		0.18	J	1.0	ug/L	6020
240-1125-10	**GW-WT120C-061511**					
Chloride		60		1.0	mg/L	300.0
Sulfate		12		1.0	mg/L	300.0
Total Recoverable						
Barium		14	J B	200	ug/L	6010B
Beryllium		0.80	J ^	1.0	ug/L	6010B
Calcium		69000	B	5000	ug/L	6010B
Potassium		1800	J B	5000	ug/L	6010B
Magnesium		15000	B	5000	ug/L	6010B
Manganese		2.1	J B	15	ug/L	6010B
Sodium		28000		5000	ug/L	6010B
Aluminum		22	J	50	ug/L	6020
Arsenic		0.73	J	1.0	ug/L	6020
Thallium		0.16	J	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1125-11	**GW-WT120B-061511**					
Carbon disulfide		0.14	J	1.0	ug/L	8260B
Chloride		29		1.0	mg/L	300.0
Sulfate		71		1.0	mg/L	300.0
Total Recoverable						
Barium		98	J B	200	ug/L	6010B
Beryllium		0.75	J ^	1.0	ug/L	6010B
Calcium		77000	B	5000	ug/L	6010B
Iron		990		100	ug/L	6010B
Potassium		1100	J B	5000	ug/L	6010B
Magnesium		23000	B	5000	ug/L	6010B
Manganese		250	B	15	ug/L	6010B
Sodium		13000		5000	ug/L	6010B
Arsenic		7.5		1.0	ug/L	6020
Thallium		0.20	J	1.0	ug/L	6020

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
TCL VOA	TAL NC	SW846 8260B	
Purge and Trap	TAL NC		SW846 5030B
TCL Semivolatile Compounds (OLMO4.2)	TAL NC	SW846 8270C	
Liquid-Liquid Extraction (Continuous)			SW846 3520C
TAL Metals	TAL NC	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
TAL Metals	TAL NC	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
Total Mercury	TAL NC	SW846 7470A	
Preparation, Mercury			SW846 7470A
Anions, Ion Chromatography	TAL NC	MCAWW 300.0	
Total Cyanide (Automated Colorimetric]	TAL NC	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation			SW846 9012A

Lab References:

TAL NC = TestAmerica North Canton

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method	Analyst	Analyst ID
SW846 8260B	Quayle, Rick	RQ
SW846 8270C	Gruber, John	JG
SW846 8270C	Hula, Tom	TH
SW846 6010B	Counts, Karen	KC
SW846 6020	Musselman, Natalie J	NJM
SW846 7470A	Davies, Brian	BD
MCAWW 300.0	Grossman, Lucas	LG
SW846 9012A	Henry, Kyle	KH
SW846 9012A	Rohr, Ben	BR

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-1125-1	GW-WT117A-061411	Water	06/14/2011 1005	06/16/2011 0930
240-1125-2TB	TRIP BLANK-061411-001	Water	06/14/2011 1010	06/16/2011 0930
240-1125-3	GW-WT117B-061411	Water	06/14/2011 1118	06/16/2011 0930
240-1125-4	GW-WT117C-061411	Water	06/14/2011 1218	06/16/2011 0930
240-1125-5	GW-WT117D-061411	Water	06/14/2011 1313	06/16/2011 0930
240-1125-6EB	GW-WT117D-061411-E	Water	06/14/2011 1325	06/16/2011 0930
240-1125-7	GW-WT121A-061411	Water	06/14/2011 1527	06/16/2011 0930
240-1125-8	GW-WT121B-061411	Water	06/14/2011 1630	06/16/2011 0930
240-1125-9	GW-WT120A-061511	Water	06/15/2011 1157	06/16/2011 0930
240-1125-10	GW-WT120C-061511	Water	06/15/2011 1323	06/16/2011 0930
240-1125-11	GW-WT120B-061511	Water	06/15/2011 1530	06/16/2011 0930

SAMPLE RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2661.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1447			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1447				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2661.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1447			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1447				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	86		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	91		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **TRIP BLANK-061411-001**

Lab Sample ID: 240-1125-2TB Date Sampled: 06/14/2011 1010
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2662.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1509			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **TRIP BLANK-061411-001**

Lab Sample ID: 240-1125-2TB Date Sampled: 06/14/2011 1010
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2662.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1509			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	88		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	90		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2663.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1530			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1530				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	0.53	J	0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	2.7		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2663.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1530			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1530				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	83		66 - 117
Dibromofluoromethane (Surr)	86		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	91		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1551			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1551				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	0.87	J	0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.22	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.98	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	0.83	J	0.31	1.0
1,1-Dichloroethane	5.1		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2664.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1551			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1551				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	1.4		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	90		75 - 121
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
Toluene-d8 (Surr)	93		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2665.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1613			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1613				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.24	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2665.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1613			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1613				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
Toluene-d8 (Surr)	92		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2692.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1720			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1720				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2692.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1720			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1720				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	91		75 - 121
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
Toluene-d8 (Surr)	91		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2693.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1742			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1742				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.19	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.86	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	1.9		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2693.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1742			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1742				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 117
Dibromofluoromethane (Surr)	90		75 - 121
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
Toluene-d8 (Surr)	90		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2694.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1803			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1803				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.61	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2694.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1803			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1803				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	0.79	J	0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 117
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
Toluene-d8 (Surr)	88		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2695.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1825			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1825				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2695.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1825			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1825				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	83		66 - 117
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
Toluene-d8 (Surr)	88		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2696.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1846			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1846				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2696.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1846			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1846				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 117
Dibromofluoromethane (Surr)	90		75 - 121
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
Toluene-d8 (Surr)	90		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2697.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1907			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1907				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.14	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND	*	0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530
Client Matrix: Water Date Received: 06/16/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX2697.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1907			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1907				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 117
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
Toluene-d8 (Surr)	89		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628139.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/28/2011 2357			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.095	0.19
Acenaphthylene	ND		0.095	0.19
Acetophenone	ND		0.32	0.95
Anthracene	ND		0.095	0.19
Atrazine	ND		0.32	0.95
Benzaldehyde	ND		0.37	0.95
Benzo[a]anthracene	ND		0.095	0.19
Benzo[a]pyrene	ND		0.095	0.19
Benzo[b]fluoranthene	ND		0.095	0.19
Benzo[g,h,i]perylene	ND		0.095	0.19
Benzo[k]fluoranthene	ND		0.095	0.19
1,1'-Biphenyl	ND		0.76	0.95
Bis(2-chloroethoxy)methane	ND		0.30	0.95
Bis(2-chloroethyl)ether	ND		0.095	0.95
Bis(2-ethylhexyl) phthalate	0.80	J	0.76	1.9
4-Bromophenyl phenyl ether	ND		0.76	1.9
Butyl benzyl phthalate	ND		0.76	0.95
Caprolactam	ND		0.76	4.8
Carbazole	ND		0.27	0.95
4-Chloroaniline	ND		0.76	1.9
4-Chloro-3-methylphenol	ND		0.76	1.9
2-Chloronaphthalene	ND		0.095	0.95
2-Chlorophenol	ND		0.28	0.95
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.095	0.19
Dibenz(a,h)anthracene	ND		0.095	0.19
Dibenzofuran	ND		0.095	0.95
3,3'-Dichlorobenzidine	ND		0.35	4.8
2,4-Dichlorophenol	ND		0.76	1.9
Diethyl phthalate	ND		0.57	0.95
2,4-Dimethylphenol	ND		0.76	1.9
Dimethyl phthalate	ND		0.28	0.95
Di-n-butyl phthalate	ND		0.64	0.95
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.76	4.8
Di-n-octyl phthalate	ND		0.76	0.95
Fluoranthene	ND		0.095	0.19
Fluorene	ND		0.095	0.19
Hexachlorobenzene	ND		0.095	0.19
Hexachlorobutadiene	ND		0.26	0.95
Hexachlorocyclopentadiene	ND		0.76	9.5
Hexachloroethane	ND		0.76	0.95
Indeno[1,2,3-cd]pyrene	ND		0.095	0.19
Isophorone	ND		0.26	0.95

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628139.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/28/2011 2357			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.095	0.19
2-Methylphenol	ND		0.76	0.95
Naphthalene	ND		0.095	0.19
2-Nitroaniline	ND		0.76	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.76	1.9
Nitrobenzene	ND		0.038	0.95
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.76	0.95
N-Nitrosodiphenylamine	ND		0.30	0.95
2,2'-oxybis[1-chloropropane]	ND		0.38	0.95
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.095	0.19
Phenol	ND		0.57	0.95
Pyrene	ND		0.095	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.76	4.8
3 & 4 Methylphenol	ND		0.71	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	44		28 - 110
2-Fluorophenol (Surr)	53		10 - 110
Nitrobenzene-d5 (Surr)	46		27 - 111
Phenol-d5 (Surr)	38		10 - 110
Terphenyl-d14 (Surr)	68		37 - 119
2,4,6-Tribromophenol (Surr)	35		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628140.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	06/29/2011 0014			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.097	0.19
Acenaphthylene	ND		0.097	0.19
Acetophenone	ND		0.33	0.97
Anthracene	ND		0.097	0.19
Atrazine	ND		0.33	0.97
Benzaldehyde	ND		0.38	0.97
Benzo[a]anthracene	ND		0.097	0.19
Benzo[a]pyrene	ND		0.097	0.19
Benzo[b]fluoranthene	ND		0.097	0.19
Benzo[g,h,i]perylene	ND		0.097	0.19
Benzo[k]fluoranthene	ND		0.097	0.19
1,1'-Biphenyl	ND		0.78	0.97
Bis(2-chloroethoxy)methane	ND		0.31	0.97
Bis(2-chloroethyl)ether	ND		0.097	0.97
Bis(2-ethylhexyl) phthalate	ND		0.78	1.9
4-Bromophenyl phenyl ether	ND		0.78	1.9
Butyl benzyl phthalate	0.96	J	0.78	0.97
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.97
4-Chloroaniline	ND		0.78	1.9
4-Chloro-3-methylphenol	ND		0.78	1.9
2-Chloronaphthalene	ND		0.097	0.97
2-Chlorophenol	ND		0.28	0.97
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.097	0.19
Dibenz(a,h)anthracene	ND		0.097	0.19
Dibenzofuran	ND		0.097	0.97
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	1.9
Diethyl phthalate	ND		0.58	0.97
2,4-Dimethylphenol	ND		0.78	1.9
Dimethyl phthalate	ND		0.28	0.97
Di-n-butyl phthalate	ND		0.65	0.97
4,6-Dinitro-2-methylphenol	ND		2.3	4.9
2,4-Dinitrophenol	ND		2.3	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.97
Fluoranthene	ND		0.097	0.19
Fluorene	ND		0.097	0.19
Hexachlorobenzene	ND		0.097	0.19
Hexachlorobutadiene	ND		0.26	0.97
Hexachlorocyclopentadiene	ND		0.78	9.7
Hexachloroethane	ND		0.78	0.97
Indeno[1,2,3-cd]pyrene	ND		0.097	0.19
Isophorone	ND		0.26	0.97

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628140.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	06/29/2011 0014			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.097	0.19
2-Methylphenol	ND		0.78	0.97
Naphthalene	ND		0.097	0.19
2-Nitroaniline	ND		0.78	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.78	1.9
Nitrobenzene	ND		0.039	0.97
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.97
N-Nitrosodiphenylamine	ND		0.30	0.97
2,2'-oxybis[1-chloropropane]	ND		0.39	0.97
Pentachlorophenol	ND		2.3	4.9
Phenanthrene	ND		0.097	0.19
Phenol	ND		0.58	0.97
Pyrene	ND		0.097	0.19
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.73	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	41		28 - 110
2-Fluorophenol (Surr)	48		10 - 110
Nitrobenzene-d5 (Surr)	40		27 - 111
Phenol-d5 (Surr)	34		10 - 110
Terphenyl-d14 (Surr)	64		37 - 119
2,4,6-Tribromophenol (Surr)	33		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628141.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	06/29/2011 0030			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.097	0.19
Acenaphthylene	ND		0.097	0.19
Acetophenone	ND		0.33	0.97
Anthracene	ND		0.097	0.19
Atrazine	ND		0.33	0.97
Benzaldehyde	ND		0.38	0.97
Benzo[a]anthracene	ND		0.097	0.19
Benzo[a]pyrene	ND		0.097	0.19
Benzo[b]fluoranthene	ND		0.097	0.19
Benzo[g,h,i]perylene	ND		0.097	0.19
Benzo[k]fluoranthene	ND		0.097	0.19
1,1'-Biphenyl	ND		0.78	0.97
Bis(2-chloroethoxy)methane	ND		0.31	0.97
Bis(2-chloroethyl)ether	ND		0.097	0.97
Bis(2-ethylhexyl) phthalate	ND		0.78	1.9
4-Bromophenyl phenyl ether	ND		0.78	1.9
Butyl benzyl phthalate	ND		0.78	0.97
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.97
4-Chloroaniline	ND		0.78	1.9
4-Chloro-3-methylphenol	ND		0.78	1.9
2-Chloronaphthalene	ND		0.097	0.97
2-Chlorophenol	ND		0.28	0.97
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.097	0.19
Dibenz(a,h)anthracene	ND		0.097	0.19
Dibenzofuran	ND		0.097	0.97
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	1.9
Diethyl phthalate	ND		0.58	0.97
2,4-Dimethylphenol	ND		0.78	1.9
Dimethyl phthalate	ND		0.28	0.97
Di-n-butyl phthalate	ND		0.65	0.97
4,6-Dinitro-2-methylphenol	ND		2.3	4.9
2,4-Dinitrophenol	ND		2.3	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.97
Fluoranthene	ND		0.097	0.19
Fluorene	ND		0.097	0.19
Hexachlorobenzene	ND		0.097	0.19
Hexachlorobutadiene	ND		0.26	0.97
Hexachlorocyclopentadiene	ND		0.78	9.7
Hexachloroethane	ND		0.78	0.97
Indeno[1,2,3-cd]pyrene	ND		0.097	0.19
Isophorone	ND		0.26	0.97

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628141.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	06/29/2011 0030			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.097	0.19
2-Methylphenol	ND		0.78	0.97
Naphthalene	ND		0.097	0.19
2-Nitroaniline	ND		0.78	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.78	1.9
Nitrobenzene	ND		0.039	0.97
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.97
N-Nitrosodiphenylamine	ND		0.30	0.97
2,2'-oxybis[1-chloropropane]	ND		0.39	0.97
Pentachlorophenol	ND		2.3	4.9
Phenanthrene	ND		0.097	0.19
Phenol	ND		0.58	0.97
Pyrene	ND		0.097	0.19
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.73	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	35		28 - 110
2-Fluorophenol (Surr)	48		10 - 110
Nitrobenzene-d5 (Surr)	42		27 - 111
Phenol-d5 (Surr)	35		10 - 110
Terphenyl-d14 (Surr)	60		37 - 119
2,4,6-Tribromophenol (Surr)	49		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628142.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	06/29/2011 0047			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.81	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.94	J	0.81	2.0
4-Bromophenyl phenyl ether	ND		0.81	2.0
Butyl benzyl phthalate	ND		0.81	1.0
Caprolactam	ND		0.81	5.1
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.81	2.0
4-Chloro-3-methylphenol	ND		0.81	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.1
2,4-Dichlorophenol	ND		0.81	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.81	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.27	5.1
2,6-Dinitrotoluene	ND		0.81	5.1
Di-n-octyl phthalate	ND		0.81	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.81	10
Hexachloroethane	ND		0.81	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.27	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628142.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	06/29/2011 0047			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.81	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.81	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.81	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.81	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.1
2,4,6-Trichlorophenol	ND		0.81	5.1
3 & 4 Methylphenol	ND		0.76	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	36		28 - 110
2-Fluorophenol (Surr)	43		10 - 110
Nitrobenzene-d5 (Surr)	36		27 - 111
Phenol-d5 (Surr)	32		10 - 110
Terphenyl-d14 (Surr)	53		37 - 119
2,4,6-Tribromophenol (Surr)	29		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628143.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	06/29/2011 0104			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628143.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	06/29/2011 0104			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	44		28 - 110
2-Fluorophenol (Surr)	45		10 - 110
Nitrobenzene-d5 (Surr)	32		27 - 111
Phenol-d5 (Surr)	28		10 - 110
Terphenyl-d14 (Surr)	59		37 - 119
2,4,6-Tribromophenol (Surr)	23		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628144.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/29/2011 0121			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.095	0.19
Acenaphthylene	ND		0.095	0.19
Acetophenone	ND		0.32	0.95
Anthracene	ND		0.095	0.19
Atrazine	ND		0.32	0.95
Benzaldehyde	ND		0.37	0.95
Benzo[a]anthracene	ND		0.095	0.19
Benzo[a]pyrene	ND		0.095	0.19
Benzo[b]fluoranthene	ND		0.095	0.19
Benzo[g,h,i]perylene	ND		0.095	0.19
Benzo[k]fluoranthene	ND		0.095	0.19
1,1'-Biphenyl	ND		0.76	0.95
Bis(2-chloroethoxy)methane	ND		0.30	0.95
Bis(2-chloroethyl)ether	ND		0.095	0.95
Bis(2-ethylhexyl) phthalate	ND		0.76	1.9
4-Bromophenyl phenyl ether	ND		0.76	1.9
Butyl benzyl phthalate	1.8		0.76	0.95
Caprolactam	ND		0.76	4.8
Carbazole	ND		0.27	0.95
4-Chloroaniline	ND		0.76	1.9
4-Chloro-3-methylphenol	ND		0.76	1.9
2-Chloronaphthalene	ND		0.095	0.95
2-Chlorophenol	ND		0.28	0.95
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.095	0.19
Dibenz(a,h)anthracene	ND		0.095	0.19
Dibenzofuran	ND		0.095	0.95
3,3'-Dichlorobenzidine	ND		0.35	4.8
2,4-Dichlorophenol	ND		0.76	1.9
Diethyl phthalate	ND		0.57	0.95
2,4-Dimethylphenol	ND		0.76	1.9
Dimethyl phthalate	ND		0.28	0.95
Di-n-butyl phthalate	ND		0.64	0.95
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.76	4.8
Di-n-octyl phthalate	ND		0.76	0.95
Fluoranthene	ND		0.095	0.19
Fluorene	ND		0.095	0.19
Hexachlorobenzene	ND		0.095	0.19
Hexachlorobutadiene	ND		0.26	0.95
Hexachlorocyclopentadiene	ND		0.76	9.5
Hexachloroethane	ND		0.76	0.95
Indeno[1,2,3-cd]pyrene	ND		0.095	0.19
Isophorone	ND		0.26	0.95

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0628144.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	06/29/2011 0121			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.095	0.19
2-Methylphenol	ND		0.76	0.95
Naphthalene	ND		0.095	0.19
2-Nitroaniline	ND		0.76	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.76	1.9
Nitrobenzene	ND		0.038	0.95
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.76	0.95
N-Nitrosodiphenylamine	ND		0.30	0.95
2,2'-oxybis[1-chloropropane]	ND		0.38	0.95
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.095	0.19
Phenol	ND		0.57	0.95
Pyrene	ND		0.095	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.76	4.8
3 & 4 Methylphenol	ND		0.71	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	39		28 - 110
2-Fluorophenol (Surr)	51		10 - 110
Nitrobenzene-d5 (Surr)	38		27 - 111
Phenol-d5 (Surr)	34		10 - 110
Terphenyl-d14 (Surr)	62		37 - 119
2,4,6-Tribromophenol (Surr)	25		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6510	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0629139.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	06/29/2011 2316			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	0.76	J	0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-6510	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5266	Lab File ID:	0629139.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	06/29/2011 2316			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	39		28 - 110
2-Fluorophenol (Surr)	45		10 - 110
Nitrobenzene-d5 (Surr)	43		27 - 111
Phenol-d5 (Surr)	45		10 - 110
Terphenyl-d14 (Surr)	49		37 - 119
2,4,6-Tribromophenol (Surr)	50		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-5267	Lab File ID:	0707024.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	07/07/2011 1930			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.095	0.19
Acenaphthylene	ND		0.095	0.19
Acetophenone	ND		0.32	0.95
Anthracene	ND		0.095	0.19
Atrazine	ND		0.32	0.95
Benzaldehyde	ND		0.37	0.95
Benzo[a]anthracene	ND		0.095	0.19
Benzo[a]pyrene	ND		0.095	0.19
Benzo[b]fluoranthene	ND		0.095	0.19
Benzo[g,h,i]perylene	ND		0.095	0.19
Benzo[k]fluoranthene	ND		0.095	0.19
1,1'-Biphenyl	ND		0.76	0.95
Bis(2-chloroethoxy)methane	ND		0.30	0.95
Bis(2-chloroethyl)ether	ND		0.095	0.95
Bis(2-ethylhexyl) phthalate	ND		0.76	1.9
4-Bromophenyl phenyl ether	ND		0.76	1.9
Butyl benzyl phthalate	ND		0.76	0.95
Caprolactam	ND		0.76	4.8
Carbazole	ND		0.27	0.95
4-Chloroaniline	ND		0.76	1.9
4-Chloro-3-methylphenol	ND		0.76	1.9
2-Chloronaphthalene	ND		0.095	0.95
2-Chlorophenol	ND		0.28	0.95
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.095	0.19
Dibenz(a,h)anthracene	ND		0.095	0.19
Dibenzofuran	ND		0.095	0.95
3,3'-Dichlorobenzidine	ND		0.35	4.8
2,4-Dichlorophenol	ND		0.76	1.9
Diethyl phthalate	ND		0.57	0.95
2,4-Dimethylphenol	ND		0.76	1.9
Dimethyl phthalate	ND		0.28	0.95
Di-n-butyl phthalate	ND		0.64	0.95
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.76	4.8
Di-n-octyl phthalate	ND		0.76	0.95
Fluoranthene	ND		0.095	0.19
Fluorene	ND		0.095	0.19
Hexachlorobenzene	ND		0.095	0.19
Hexachlorobutadiene	ND		0.26	0.95
Hexachlorocyclopentadiene	ND		0.76	9.5
Hexachloroethane	ND		0.76	0.95
Indeno[1,2,3-cd]pyrene	ND		0.095	0.19
Isophorone	ND		0.26	0.95

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-5267	Lab File ID:	0707024.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	07/07/2011 1930			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.095	0.19
2-Methylphenol	ND		0.76	0.95
Naphthalene	ND		0.095	0.19
2-Nitroaniline	ND		0.76	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.76	1.9
Nitrobenzene	ND		0.038	0.95
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.76	0.95
N-Nitrosodiphenylamine	ND		0.30	0.95
2,2'-oxybis[1-chloropropane]	ND		0.38	0.95
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.095	0.19
Phenol	ND		0.57	0.95
Pyrene	ND		0.095	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.76	4.8
3 & 4 Methylphenol	ND		0.71	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	44		28 - 110
2-Fluorophenol (Surr)	51		10 - 110
Nitrobenzene-d5 (Surr)	43		27 - 111
Phenol-d5 (Surr)	45		10 - 110
Terphenyl-d14 (Surr)	56		37 - 119
2,4,6-Tribromophenol (Surr)	48		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-5267	Lab File ID:	0707025.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	07/07/2011 1949			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.095	0.19
Acenaphthylene	ND		0.095	0.19
Acetophenone	ND		0.32	0.95
Anthracene	ND		0.095	0.19
Atrazine	ND		0.32	0.95
Benzaldehyde	ND		0.37	0.95
Benzo[a]anthracene	ND		0.095	0.19
Benzo[a]pyrene	ND		0.095	0.19
Benzo[b]fluoranthene	ND		0.095	0.19
Benzo[g,h,i]perylene	ND		0.095	0.19
Benzo[k]fluoranthene	ND		0.095	0.19
1,1'-Biphenyl	ND		0.76	0.95
Bis(2-chloroethoxy)methane	ND		0.30	0.95
Bis(2-chloroethyl)ether	ND		0.095	0.95
Bis(2-ethylhexyl) phthalate	ND		0.76	1.9
4-Bromophenyl phenyl ether	ND		0.76	1.9
Butyl benzyl phthalate	ND		0.76	0.95
Caprolactam	ND		0.76	4.8
Carbazole	ND		0.27	0.95
4-Chloroaniline	ND		0.76	1.9
4-Chloro-3-methylphenol	ND		0.76	1.9
2-Chloronaphthalene	ND		0.095	0.95
2-Chlorophenol	ND		0.28	0.95
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.095	0.19
Dibenz(a,h)anthracene	ND		0.095	0.19
Dibenzofuran	ND		0.095	0.95
3,3'-Dichlorobenzidine	ND		0.35	4.8
2,4-Dichlorophenol	ND		0.76	1.9
Diethyl phthalate	ND		0.57	0.95
2,4-Dimethylphenol	ND		0.76	1.9
Dimethyl phthalate	ND		0.28	0.95
Di-n-butyl phthalate	ND		0.64	0.95
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.76	4.8
Di-n-octyl phthalate	ND		0.76	0.95
Fluoranthene	ND		0.095	0.19
Fluorene	ND		0.095	0.19
Hexachlorobenzene	ND		0.095	0.19
Hexachlorobutadiene	ND		0.26	0.95
Hexachlorocyclopentadiene	ND		0.76	9.5
Hexachloroethane	ND		0.76	0.95
Indeno[1,2,3-cd]pyrene	ND		0.095	0.19
Isophorone	ND		0.26	0.95

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-5267	Lab File ID:	0707025.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	07/07/2011 1949			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.095	0.19
2-Methylphenol	ND		0.76	0.95
Naphthalene	ND		0.095	0.19
2-Nitroaniline	ND		0.76	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.76	1.9
Nitrobenzene	ND		0.038	0.95
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.76	0.95
N-Nitrosodiphenylamine	ND		0.30	0.95
2,2'-oxybis[1-chloropropane]	ND		0.38	0.95
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.095	0.19
Phenol	ND		0.57	0.95
Pyrene	ND		0.095	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.76	4.8
3 & 4 Methylphenol	ND		0.71	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	40		28 - 110
2-Fluorophenol (Surr)	46		10 - 110
Nitrobenzene-d5 (Surr)	41		27 - 111
Phenol-d5 (Surr)	40		10 - 110
Terphenyl-d14 (Surr)	54		37 - 119
2,4,6-Tribromophenol (Surr)	41		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-5267	Lab File ID:	0707026.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/07/2011 2007			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.099	0.20
Acenaphthylene	ND		0.099	0.20
Acetophenone	ND		0.34	0.99
Anthracene	ND		0.099	0.20
Atrazine	ND		0.34	0.99
Benzaldehyde	ND		0.39	0.99
Benzo[a]anthracene	ND		0.099	0.20
Benzo[a]pyrene	ND		0.099	0.20
Benzo[b]fluoranthene	ND		0.099	0.20
Benzo[g,h,i]perylene	ND		0.099	0.20
Benzo[k]fluoranthene	ND		0.099	0.20
1,1'-Biphenyl	ND		0.79	0.99
Bis(2-chloroethoxy)methane	ND		0.32	0.99
Bis(2-chloroethyl)ether	ND		0.099	0.99
Bis(2-ethylhexyl) phthalate	ND		0.79	2.0
4-Bromophenyl phenyl ether	ND		0.79	2.0
Butyl benzyl phthalate	ND		0.79	0.99
Caprolactam	ND		0.79	5.0
Carbazole	ND		0.28	0.99
4-Chloroaniline	ND		0.79	2.0
4-Chloro-3-methylphenol	ND		0.79	2.0
2-Chloronaphthalene	ND		0.099	0.99
2-Chlorophenol	ND		0.29	0.99
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.099	0.20
Dibenz(a,h)anthracene	ND		0.099	0.20
Dibenzofuran	ND		0.099	0.99
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.79	2.0
Diethyl phthalate	ND		0.59	0.99
2,4-Dimethylphenol	ND		0.79	2.0
Dimethyl phthalate	ND		0.29	0.99
Di-n-butyl phthalate	ND		0.66	0.99
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.79	5.0
Di-n-octyl phthalate	ND		0.79	0.99
Fluoranthene	ND		0.099	0.20
Fluorene	ND		0.099	0.20
Hexachlorobenzene	ND		0.099	0.20
Hexachlorobutadiene	ND		0.27	0.99
Hexachlorocyclopentadiene	ND		0.79	9.9
Hexachloroethane	ND		0.79	0.99
Indeno[1,2,3-cd]pyrene	ND		0.099	0.20
Isophorone	ND		0.27	0.99

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530
Client Matrix: Water Date Received: 06/16/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-5267	Lab File ID:	0707026.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/07/2011 2007			Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.099	0.20
2-Methylphenol	ND		0.79	0.99
Naphthalene	ND		0.099	0.20
2-Nitroaniline	ND		0.79	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.79	2.0
Nitrobenzene	ND		0.040	0.99
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.79	0.99
N-Nitrosodiphenylamine	ND		0.31	0.99
2,2'-oxybis[1-chloropropane]	ND		0.40	0.99
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.099	0.20
Phenol	ND		0.59	0.99
Pyrene	ND		0.099	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.79	5.0
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	41		28 - 110
2-Fluorophenol (Surr)	49		10 - 110
Nitrobenzene-d5 (Surr)	41		27 - 111
Phenol-d5 (Surr)	41		10 - 110
Terphenyl-d14 (Surr)	52		37 - 119
2,4,6-Tribromophenol (Surr)	42		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1909			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	16	J B	0.67	200
Beryllium	ND	^	0.46	1.0
Calcium	17000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	4.8	J	2.2	10
Copper	ND		4.5	25
Potassium	490	J B	72	5000
Magnesium	2800	J B	34	5000
Manganese	13	J B	0.41	15
Silver	ND		2.2	10
Sodium	2200	J	590	5000
Nickel	4.5	J ^	3.2	40
Vanadium	2.5	J	0.64	50
Zinc	8.8	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Analysis Method:	6010B	Analysis Batch:	240-9023	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0130			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	780		81	100

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1646			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1500		19	50
Arsenic	ND		0.40	1.0
Antimony	0.23	J	0.13	2.0
Thallium	0.89	J	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1612			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1946			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	49	J B	0.67	200
Beryllium	0.63	J ^	0.46	1.0
Calcium	180000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	5200	B	81	100
Potassium	1900	J B	72	5000
Magnesium	28000	B	34	5000
Manganese	130	B	0.41	15
Silver	ND		2.2	10
Sodium	24000		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1724			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	2.4		0.40	1.0
Antimony	0.26	J	0.13	2.0
Thallium	1.3		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1607			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1952			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	210	B	0.67	200
Beryllium	0.71	J ^	0.46	1.0
Calcium	290000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	4000	B	81	100
Potassium	4400	J B	72	5000
Magnesium	20000	B	34	5000
Manganese	430	B	0.41	15
Silver	ND		2.2	10
Sodium	32000		590	5000
Nickel	ND	^	3.2	40
Vanadium	1.3	J	0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1731			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	32	J	19	50
Arsenic	1.5		0.40	1.0
Antimony	0.14	J	0.13	2.0
Thallium	0.59	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1610			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1958			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	55	J B	0.67	200
Beryllium	0.65	J ^	0.46	1.0
Calcium	120000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	14		2.2	10
Copper	ND		4.5	25
Iron	5600	B	81	100
Potassium	2500	J B	72	5000
Magnesium	28000	B	34	5000
Manganese	160	B	0.41	15
Silver	ND		2.2	10
Sodium	15000		590	5000
Nickel	7.9	J ^	3.2	40
Vanadium	ND		0.64	50
Zinc	5.2	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1738			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	23	J	19	50
Arsenic	3.6		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.38	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1620			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 2005			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	ND		0.67	200
Beryllium	0.61	J ^	0.46	1.0
Calcium	ND		130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	150	J B	72	5000
Magnesium	ND		34	5000
Manganese	4.1	J B	0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1745			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.27	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1621			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 2011			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	68	J B	0.67	200
Beryllium	0.61	J ^	0.46	1.0
Calcium	91000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	3300	B	81	100
Potassium	1800	J B	72	5000
Magnesium	20000	B	34	5000
Manganese	80	B	0.41	15
Silver	ND		2.2	10
Sodium	46000		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	5.4	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1750			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	21	J	19	50
Arsenic	8.9		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.24	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1614			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 2017			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	390	B	0.67	200
Beryllium	0.72	J ^	0.46	1.0
Calcium	110000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	6400	B	81	100
Potassium	6500	B	72	5000
Magnesium	51000	B	34	5000
Manganese	35	B	0.41	15
Silver	ND		2.2	10
Sodium	57000		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1756			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	15		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.19	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1615			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 2023			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	82	J B	0.67	200
Beryllium	0.74	J ^	0.46	1.0
Calcium	85000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Potassium	2000	J B	72	5000
Magnesium	21000	B	34	5000
Manganese	93	B	0.41	15
Silver	ND		2.2	10
Sodium	31000		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Analysis Method:	6010B	Analysis Batch:	240-9023	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0207			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1100		81	100

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1801			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	37	J	19	50
Arsenic	4.3		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.18	J	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1609			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 2042			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	14	J B	0.67	200
Beryllium	0.80	J ^	0.46	1.0
Calcium	69000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	1800	J B	72	5000
Magnesium	15000	B	34	5000
Manganese	2.1	J B	0.41	15
Silver	ND		2.2	10
Sodium	28000		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1806			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	22	J	19	50
Arsenic	0.73	J	0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.16	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1616			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323

Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530
Client Matrix: Water Date Received: 06/16/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-8726	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 2048			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	98	J B	0.67	200
Beryllium	0.75	J ^	0.46	1.0
Calcium	77000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Potassium	1100	J B	72	5000
Magnesium	23000	B	34	5000
Manganese	250	B	0.41	15
Silver	ND		2.2	10
Sodium	13000		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Analysis Method:	6010B	Analysis Batch:	240-9023	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0213			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	990		81	100

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-8676	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1824			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	7.5		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.20	J	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530
Client Matrix: Water Date Received: 06/16/2011 0930

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1611			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

General Chemistry

Client Sample ID: **GW-WT117A-061411**

Lab Sample ID: 240-1125-1 Date Sampled: 06/14/2011 1005

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	1.3		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2112						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2112						
Sulfate	13		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2112						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT117B-061411**

Lab Sample ID: 240-1125-3 Date Sampled: 06/14/2011 1118

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	40		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2130						
Bromide	0.19	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2130						
Sulfate	240		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-5413	Analysis Date: 06/21/2011 2044						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT117C-061411**

Lab Sample ID: 240-1125-4 Date Sampled: 06/14/2011 1218

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	34		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2147						
Bromide	0.44	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2147						
Sulfate	280		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2205						
Cyanide, Total	0.0071	J	mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT117D-061411**

Lab Sample ID: 240-1125-5 Date Sampled: 06/14/2011 1313

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	33		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2257						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2257						
Sulfate	220		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-5555	Analysis Date: 06/21/2011 2229						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT117D-061411-E**

Lab Sample ID: 240-1125-6EB Date Sampled: 06/14/2011 1325

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	ND		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2314						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2314						
Sulfate	ND		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2314						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT121A-061411**

Lab Sample ID: 240-1125-7 Date Sampled: 06/14/2011 1527

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	110		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2332						
Bromide	0.10	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2332						
Sulfate	75		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2332						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT121B-061411**

Lab Sample ID: 240-1125-8 Date Sampled: 06/14/2011 1630

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	31		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2349						
Bromide	1.6		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2349						
Sulfate	73		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/20/2011 2349						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-5928	Analysis Date: 06/23/2011 1809						
Prep Batch: 240-5887	Prep Date: 06/23/2011 1310						

General Chemistry

Client Sample ID: **GW-WT120A-061511**

Lab Sample ID: 240-1125-9 Date Sampled: 06/15/2011 1157

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	86		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0006						
Bromide	0.11	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0006						
Sulfate	39		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0006						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1053						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

General Chemistry

Client Sample ID: **GW-WT120C-061511**

Lab Sample ID: 240-1125-10 Date Sampled: 06/15/2011 1323

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	60		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0024						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0024						
Sulfate	12		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0024						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1053						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

General Chemistry

Client Sample ID: **GW-WT120B-061511**

Lab Sample ID: 240-1125-11 Date Sampled: 06/15/2011 1530

Client Matrix: Water Date Received: 06/16/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	29		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0059						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0059						
Sulfate	71		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5394	Analysis Date: 06/21/2011 0059						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1053						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-6100					
LCS 240-6100/4	Lab Control Sample	T	Water	8260B	
MB 240-6100/5	Method Blank	T	Water	8260B	
240-1125-1	GW-WT117A-061411	T	Water	8260B	
240-1125-2TB	TRIP BLANK-061411-001	T	Water	8260B	
240-1125-3	GW-WT117B-061411	T	Water	8260B	
240-1125-4	GW-WT117C-061411	T	Water	8260B	
240-1125-5	GW-WT117D-061411	T	Water	8260B	
Analysis Batch:240-6189					
LCS 240-6189/4	Lab Control Sample	T	Water	8260B	
MB 240-6189/5	Method Blank	T	Water	8260B	
240-1125-6EB	GW-WT117D-061411-E	T	Water	8260B	
240-1125-7	GW-WT121A-061411	T	Water	8260B	
240-1125-8	GW-WT121B-061411	T	Water	8260B	
240-1125-9	GW-WT120A-061511	T	Water	8260B	
240-1125-10	GW-WT120C-061511	T	Water	8260B	
240-1125-11	GW-WT120B-061511	T	Water	8260B	

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-5266					
LCS 240-5266/24-A	Lab Control Sample	T	Water	3520C	
MB 240-5266/23-A	Method Blank	T	Water	3520C	
240-1125-1	GW-WT117A-061411	T	Water	3520C	
240-1125-3	GW-WT117B-061411	T	Water	3520C	
240-1125-4	GW-WT117C-061411	T	Water	3520C	
240-1125-5	GW-WT117D-061411	T	Water	3520C	
240-1125-6EB	GW-WT117D-061411-E	T	Water	3520C	
240-1125-7	GW-WT121A-061411	T	Water	3520C	
240-1125-8	GW-WT121B-061411	T	Water	3520C	
Prep Batch: 240-5267					
LCS 240-5267/21-A	Lab Control Sample	T	Water	3520C	
MB 240-5267/20-A	Method Blank	T	Water	3520C	
240-1125-9	GW-WT120A-061511	T	Water	3520C	
240-1125-10	GW-WT120C-061511	T	Water	3520C	
240-1125-11	GW-WT120B-061511	T	Water	3520C	
Analysis Batch:240-6407					
LCS 240-5266/24-A	Lab Control Sample	T	Water	8270C	240-5266
MB 240-5266/23-A	Method Blank	T	Water	8270C	240-5266
240-1125-1	GW-WT117A-061411	T	Water	8270C	240-5266
240-1125-3	GW-WT117B-061411	T	Water	8270C	240-5266
240-1125-4	GW-WT117C-061411	T	Water	8270C	240-5266
240-1125-5	GW-WT117D-061411	T	Water	8270C	240-5266
240-1125-6EB	GW-WT117D-061411-E	T	Water	8270C	240-5266
240-1125-7	GW-WT121A-061411	T	Water	8270C	240-5266
Analysis Batch:240-6510					
240-1125-8	GW-WT121B-061411	T	Water	8270C	240-5266
Analysis Batch:240-7488					
LCS 240-5267/21-A	Lab Control Sample	T	Water	8270C	240-5267
MB 240-5267/20-A	Method Blank	T	Water	8270C	240-5267
240-1125-9	GW-WT120A-061511	T	Water	8270C	240-5267
240-1125-10	GW-WT120C-061511	T	Water	8270C	240-5267
240-1125-11	GW-WT120B-061511	T	Water	8270C	240-5267

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-6599					
LCS 240-6599/2-A	Lab Control Sample	T	Water	7470A	
MB 240-6599/1-A	Method Blank	T	Water	7470A	
240-1125-1	GW-WT117A-061411	T	Water	7470A	
240-1125-3	GW-WT117B-061411	T	Water	7470A	
240-1125-4	GW-WT117C-061411	T	Water	7470A	
240-1125-5	GW-WT117D-061411	T	Water	7470A	
240-1125-6EB	GW-WT117D-061411-E	T	Water	7470A	
240-1125-7	GW-WT121A-061411	T	Water	7470A	
240-1125-8	GW-WT121B-061411	T	Water	7470A	
240-1125-9	GW-WT120A-061511	T	Water	7470A	
240-1125-10	GW-WT120C-061511	T	Water	7470A	
240-1125-11	GW-WT120B-061511	T	Water	7470A	
Analysis Batch:240-6838					
LCS 240-6599/2-A	Lab Control Sample	T	Water	7470A	240-6599
MB 240-6599/1-A	Method Blank	T	Water	7470A	240-6599
240-1125-1	GW-WT117A-061411	T	Water	7470A	240-6599
240-1125-3	GW-WT117B-061411	T	Water	7470A	240-6599
240-1125-4	GW-WT117C-061411	T	Water	7470A	240-6599
240-1125-5	GW-WT117D-061411	T	Water	7470A	240-6599
240-1125-6EB	GW-WT117D-061411-E	T	Water	7470A	240-6599
240-1125-7	GW-WT121A-061411	T	Water	7470A	240-6599
240-1125-8	GW-WT121B-061411	T	Water	7470A	240-6599
240-1125-9	GW-WT120A-061511	T	Water	7470A	240-6599
240-1125-10	GW-WT120C-061511	T	Water	7470A	240-6599
240-1125-11	GW-WT120B-061511	T	Water	7470A	240-6599
Prep Batch: 240-8435					
LCS 240-8435/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-8435/3-A	Lab Control Sample	R	Water	3005A	
MB 240-8435/1-A	Method Blank	R	Water	3005A	
240-1125-1	GW-WT117A-061411	R	Water	3005A	
240-1125-1MS	Matrix Spike	R	Water	3005A	
240-1125-1MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1125-3	GW-WT117B-061411	R	Water	3005A	
240-1125-4	GW-WT117C-061411	R	Water	3005A	
240-1125-5	GW-WT117D-061411	R	Water	3005A	
240-1125-6EB	GW-WT117D-061411-E	R	Water	3005A	
240-1125-7	GW-WT121A-061411	R	Water	3005A	
240-1125-8	GW-WT121B-061411	R	Water	3005A	
240-1125-9	GW-WT120A-061511	R	Water	3005A	
240-1125-10	GW-WT120C-061511	R	Water	3005A	
240-1125-11	GW-WT120B-061511	R	Water	3005A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-8676					
LCS 240-8435/3-A	Lab Control Sample	R	Water	6020	240-8435
MB 240-8435/1-A	Method Blank	R	Water	6020	240-8435
240-1125-1	GW-WT117A-061411	R	Water	6020	240-8435
240-1125-1MS	Matrix Spike	R	Water	6020	240-8435
240-1125-1MSD	Matrix Spike Duplicate	R	Water	6020	240-8435
240-1125-3	GW-WT117B-061411	R	Water	6020	240-8435
240-1125-4	GW-WT117C-061411	R	Water	6020	240-8435
240-1125-5	GW-WT117D-061411	R	Water	6020	240-8435
240-1125-6EB	GW-WT117D-061411-E	R	Water	6020	240-8435
240-1125-7	GW-WT121A-061411	R	Water	6020	240-8435
240-1125-8	GW-WT121B-061411	R	Water	6020	240-8435
240-1125-9	GW-WT120A-061511	R	Water	6020	240-8435
240-1125-10	GW-WT120C-061511	R	Water	6020	240-8435
240-1125-11	GW-WT120B-061511	R	Water	6020	240-8435
Analysis Batch:240-8726					
LCS 240-8435/2-A	Lab Control Sample	R	Water	6010B	240-8435
MB 240-8435/1-A	Method Blank	R	Water	6010B	240-8435
240-1125-1	GW-WT117A-061411	R	Water	6010B	240-8435
240-1125-1MS	Matrix Spike	R	Water	6010B	240-8435
240-1125-1MSD	Matrix Spike Duplicate	R	Water	6010B	240-8435
240-1125-3	GW-WT117B-061411	R	Water	6010B	240-8435
240-1125-4	GW-WT117C-061411	R	Water	6010B	240-8435
240-1125-5	GW-WT117D-061411	R	Water	6010B	240-8435
240-1125-6EB	GW-WT117D-061411-E	R	Water	6010B	240-8435
240-1125-7	GW-WT121A-061411	R	Water	6010B	240-8435
240-1125-8	GW-WT121B-061411	R	Water	6010B	240-8435
240-1125-9	GW-WT120A-061511	R	Water	6010B	240-8435
240-1125-10	GW-WT120C-061511	R	Water	6010B	240-8435
240-1125-11	GW-WT120B-061511	R	Water	6010B	240-8435
Prep Batch: 240-8730					
LCS 240-8730/2-A	Lab Control Sample	R	Water	3005A	
MB 240-8730/1-A	Method Blank	R	Water	3005A	
240-1125-1	GW-WT117A-061411	R	Water	3005A	
240-1125-1MS	Matrix Spike	R	Water	3005A	
240-1125-1MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1125-9	GW-WT120A-061511	R	Water	3005A	
240-1125-11	GW-WT120B-061511	R	Water	3005A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-9023					
LCS 240-8730/2-A	Lab Control Sample	R	Water	6010B	240-8730
MB 240-8730/1-A	Method Blank	R	Water	6010B	240-8730
240-1125-1	GW-WT117A-061411	R	Water	6010B	240-8730
240-1125-1MS	Matrix Spike	R	Water	6010B	240-8730
240-1125-1MSD	Matrix Spike Duplicate	R	Water	6010B	240-8730
240-1125-9	GW-WT120A-061511	R	Water	6010B	240-8730
240-1125-11	GW-WT120B-061511	R	Water	6010B	240-8730

Report Basis

R = Total Recoverable

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-5394					
LCS 240-5394/30	Lab Control Sample	T	Water	300.0	
LCSD 240-5394/31	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5394/29	Method Blank	T	Water	300.0	
240-1125-1	GW-WT117A-061411	T	Water	300.0	
240-1125-3	GW-WT117B-061411	T	Water	300.0	
240-1125-4	GW-WT117C-061411	T	Water	300.0	
240-1125-5	GW-WT117D-061411	T	Water	300.0	
240-1125-6EB	GW-WT117D-061411-E	T	Water	300.0	
240-1125-7	GW-WT121A-061411	T	Water	300.0	
240-1125-8	GW-WT121B-061411	T	Water	300.0	
240-1125-9	GW-WT120A-061511	T	Water	300.0	
240-1125-10	GW-WT120C-061511	T	Water	300.0	
240-1125-10MS	Matrix Spike	T	Water	300.0	
240-1125-11	GW-WT120B-061511	T	Water	300.0	
Analysis Batch:240-5413					
LCS 240-5413/6	Lab Control Sample	T	Water	300.0	
LCSD 240-5413/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5413/5	Method Blank	T	Water	300.0	
240-1125-3	GW-WT117B-061411	T	Water	300.0	
Analysis Batch:240-5555					
LCS 240-5555/28	Lab Control Sample	T	Water	300.0	
LCSD 240-5555/29	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5555/27	Method Blank	T	Water	300.0	
240-1125-5	GW-WT117D-061411	T	Water	300.0	
Prep Batch: 240-5887					
LCS 240-5887/2-A	Lab Control Sample	T	Water	9012A	
MB 240-5887/1-A	Method Blank	T	Water	9012A	
240-1125-1	GW-WT117A-061411	T	Water	9012A	
240-1125-3	GW-WT117B-061411	T	Water	9012A	
240-1125-4	GW-WT117C-061411	T	Water	9012A	
240-1125-5	GW-WT117D-061411	T	Water	9012A	
240-1125-6EB	GW-WT117D-061411-E	T	Water	9012A	
240-1125-7	GW-WT121A-061411	T	Water	9012A	
240-1125-8	GW-WT121B-061411	T	Water	9012A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-5928					
LCS 240-5887/2-A	Lab Control Sample	T	Water	9012A	240-5887
MB 240-5887/1-A	Method Blank	T	Water	9012A	240-5887
240-1125-1	GW-WT117A-061411	T	Water	9012A	240-5887
240-1125-3	GW-WT117B-061411	T	Water	9012A	240-5887
240-1125-4	GW-WT117C-061411	T	Water	9012A	240-5887
240-1125-5	GW-WT117D-061411	T	Water	9012A	240-5887
240-1125-6EB	GW-WT117D-061411-E	T	Water	9012A	240-5887
240-1125-7	GW-WT121A-061411	T	Water	9012A	240-5887
240-1125-8	GW-WT121B-061411	T	Water	9012A	240-5887
Prep Batch: 240-5983					
LCS 240-5983/2-A	Lab Control Sample	T	Water	9012A	
MB 240-5983/1-A	Method Blank	T	Water	9012A	
240-1125-9	GW-WT120A-061511	T	Water	9012A	
240-1125-10	GW-WT120C-061511	T	Water	9012A	
240-1125-11	GW-WT120B-061511	T	Water	9012A	
Analysis Batch:240-6045					
LCS 240-5983/2-A	Lab Control Sample	T	Water	9012A	240-5983
MB 240-5983/1-A	Method Blank	T	Water	9012A	240-5983
240-1125-9	GW-WT120A-061511	T	Water	9012A	240-5983
240-1125-10	GW-WT120C-061511	T	Water	9012A	240-5983
240-1125-11	GW-WT120B-061511	T	Water	9012A	240-5983

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-1125-1	GW-WT117A-061411	85	86	87	91
240-1125-2	TRIP BLANK-061411-001	85	88	87	90
240-1125-3	GW-WT117B-061411	83	86	87	91
240-1125-4	GW-WT117C-061411	85	90	88	93
240-1125-5	GW-WT117D-061411	85	89	89	92
240-1125-6	GW-WT117D-061411 -E	85	91	91	91
240-1125-7	GW-WT121A-061411	84	90	90	90
240-1125-8	GW-WT121B-061411	82	89	88	88
240-1125-9	GW-WT120A-061511	83	89	90	88
240-1125-10	GW-WT120C-061511	82	90	90	90
240-1125-11	GW-WT120B-061511	82	89	91	89
MB 240-6100/5		87	84	84	91
MB 240-6189/5		87	88	87	89
LCS 240-6100/4		101	84	86	95
LCS 240-6189/4		101	84	82	94

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Surrogate Recovery Report

8270C TCL Semivolatile Compounds (OLMO4.2)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-1125-1	GW-WT117A-061411	44	53	46	38	68	35
240-1125-3	GW-WT117B-061411	41	48	40	34	64	33
240-1125-4	GW-WT117C-061411	35	48	42	35	60	49
240-1125-5	GW-WT117D-061411	36	43	36	32	53	29
240-1125-6	GW-WT117D-061411 -E	44	45	32	28	59	23
240-1125-7	GW-WT121A-061411	39	51	38	34	62	25
240-1125-8	GW-WT121B-061411	39	45	43	45	49	50
240-1125-9	GW-WT120A-061511	44	51	43	45	56	48
240-1125-10	GW-WT120C-061511	40	46	41	40	54	41
240-1125-11	GW-WT120B-061511	41	49	41	41	52	42
MB 240-5266/23-A		49	53	49	53	64	40
MB 240-5267/20-A		52	58	50	56	67	49
LCS 240-5266/24-A		57	57	55	57	77	67
LCS 240-5267/21-A		60	67	60	66	72	66

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	28-110
2FP = 2-Fluorophenol (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	27-111
PHL = Phenol-d5 (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	37-119
TBP = 2,4,6-Tribromophenol (Surr)	22-120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-6100

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6100/5	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2653.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1141	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1141				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-6100

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6100/5	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2653.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1141	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1141				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	66 - 117
Dibromofluoromethane (Surr)	84	75 - 121
1,2-Dichloroethane-d4 (Surr)	84	63 - 129
Toluene-d8 (Surr)	91	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-6100

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6100/4	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2652.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1120	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1120				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	18.0	90	43 - 136	
Benzene	10.0	9.36	94	83 - 112	
Bromoform	10.0	9.85	99	40 - 131	
Bromomethane	10.0	9.82	98	11 - 185	
2-Butanone (MEK)	20.0	19.1	96	60 - 126	
Carbon disulfide	10.0	9.93	99	62 - 142	
Carbon tetrachloride	10.0	12.8	128	66 - 128	
Chlorobenzene	10.0	9.24	92	85 - 110	
Dibromochloromethane	10.0	9.70	97	64 - 119	
Chloroethane	10.0	8.77	88	25 - 153	
Chloroform	10.0	8.85	89	79 - 117	
Chloromethane	10.0	7.81	78	44 - 126	
cis-1,2-Dichloroethene	10.0	8.71	87	80 - 113	
cis-1,3-Dichloropropene	10.0	9.65	97	61 - 115	
Cyclohexane	10.0	10.2	102	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	9.05	91	42 - 136	
1,2-Dichlorobenzene	10.0	9.16	92	81 - 110	
1,3-Dichlorobenzene	10.0	9.39	94	80 - 110	
1,4-Dichlorobenzene	10.0	9.21	92	82 - 110	
Bromodichloromethane	10.0	9.80	98	72 - 121	
Dichlorodifluoromethane	10.0	8.76	88	19 - 129	
1,1-Dichloroethane	10.0	8.90	89	82 - 115	
1,2-Dichloroethane	10.0	9.41	94	71 - 127	
1,1-Dichloroethene	10.0	10.1	101	78 - 131	
1,2-Dichloropropane	10.0	9.81	98	81 - 115	
Ethylbenzene	10.0	9.83	98	83 - 112	
1,2-Dibromoethane	10.0	9.64	96	79 - 113	
2-Hexanone	20.0	21.7	109	55 - 133	
Isopropylbenzene	10.0	9.54	95	75 - 114	
Methyl acetate	10.0	9.08	91	58 - 131	J
Methylcyclohexane	10.0	11.0	110	56 - 127	
Methylene Chloride	10.0	8.24	82	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	21.4	107	63 - 128	
Methyl tert-butyl ether	10.0	8.78	88	52 - 144	
Styrene	10.0	9.71	97	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	9.66	97	68 - 118	
Tetrachloroethene	10.0	9.82	98	79 - 114	
Toluene	10.0	9.81	98	84 - 111	
trans-1,2-Dichloroethene	10.0	8.95	90	83 - 117	
trans-1,3-Dichloropropene	10.0	10.0	100	58 - 117	
1,2,4-Trichlorobenzene	10.0	7.60	76	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-6100

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6100/4	Analysis Batch:	240-6100	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2652.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 1120	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 1120				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	9.54	95	74 - 118	
1,1,2-Trichloroethane	10.0	9.72	97	80 - 112	
Trichloroethene	10.0	9.70	97	76 - 117	
Trichlorofluoromethane	10.0	20.1	201	49 - 157	*
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	14.4	144	74 - 151	
Vinyl chloride	10.0	8.62	86	53 - 127	
m-Xylene & p-Xylene	20.0	19.6	98	83 - 113	
o-Xylene	10.0	9.56	96	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	101	66 - 117
Dibromofluoromethane (Surr)	84	75 - 121
1,2-Dichloroethane-d4 (Surr)	86	63 - 129
Toluene-d8 (Surr)	95	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-6189

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6189/5	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2679.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1215	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1215				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-6189

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6189/5	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2679.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1215	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1215				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	66 - 117
Dibromofluoromethane (Surr)	88	75 - 121
1,2-Dichloroethane-d4 (Surr)	87	63 - 129
Toluene-d8 (Surr)	89	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-6189

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6189/4	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2678.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1154	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1154				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	20.0	100	43 - 136	
Benzene	10.0	9.17	92	83 - 112	
Bromoform	10.0	10.1	101	40 - 131	
Bromomethane	10.0	6.86	69	11 - 185	
2-Butanone (MEK)	20.0	20.0	100	60 - 126	
Carbon disulfide	10.0	9.16	92	62 - 142	
Carbon tetrachloride	10.0	12.2	122	66 - 128	
Chlorobenzene	10.0	8.88	89	85 - 110	
Dibromochloromethane	10.0	9.83	98	64 - 119	
Chloroethane	10.0	7.09	71	25 - 153	
Chloroform	10.0	8.63	86	79 - 117	
Chloromethane	10.0	7.78	78	44 - 126	
cis-1,2-Dichloroethene	10.0	8.62	86	80 - 113	
cis-1,3-Dichloropropene	10.0	9.52	95	61 - 115	
Cyclohexane	10.0	9.27	93	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	9.25	93	42 - 136	
1,2-Dichlorobenzene	10.0	8.64	86	81 - 110	
1,3-Dichlorobenzene	10.0	8.87	89	80 - 110	
1,4-Dichlorobenzene	10.0	8.68	87	82 - 110	
Bromodichloromethane	10.0	9.69	97	72 - 121	
Dichlorodifluoromethane	10.0	7.77	78	19 - 129	
1,1-Dichloroethane	10.0	8.63	86	82 - 115	
1,2-Dichloroethane	10.0	9.09	91	71 - 127	
1,1-Dichloroethene	10.0	9.86	99	78 - 131	
1,2-Dichloropropane	10.0	9.50	95	81 - 115	
Ethylbenzene	10.0	9.27	93	83 - 112	
1,2-Dibromoethane	10.0	9.66	97	79 - 113	
2-Hexanone	20.0	21.8	109	55 - 133	
Isopropylbenzene	10.0	8.94	89	75 - 114	
Methyl acetate	10.0	9.31	93	58 - 131	J
Methylcyclohexane	10.0	10.4	104	56 - 127	
Methylene Chloride	10.0	7.56	76	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	22.3	112	63 - 128	
Methyl tert-butyl ether	10.0	8.73	87	52 - 144	
Styrene	10.0	9.31	93	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	9.43	94	68 - 118	
Tetrachloroethene	10.0	9.61	96	79 - 114	
Toluene	10.0	9.38	94	84 - 111	
trans-1,2-Dichloroethene	10.0	8.73	87	83 - 117	
trans-1,3-Dichloropropene	10.0	10.1	101	58 - 117	
1,2,4-Trichlorobenzene	10.0	6.87	69	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-6189

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6189/4	Analysis Batch:	240-6189	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX2678.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1154	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1154				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	8.87	89	74 - 118	
1,1,2-Trichloroethane	10.0	9.56	96	80 - 112	
Trichloroethene	10.0	9.43	94	76 - 117	
Trichlorofluoromethane	10.0	18.8	188	49 - 157	*
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.7	127	74 - 151	
Vinyl chloride	10.0	7.80	78	53 - 127	
m-Xylene & p-Xylene	20.0	18.8	94	83 - 113	
o-Xylene	10.0	9.03	90	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	101	66 - 117
Dibromofluoromethane (Surr)	84	75 - 121
1,2-Dichloroethane-d4 (Surr)	82	63 - 129
Toluene-d8 (Surr)	94	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5266

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5266/23-A	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5266	Lab File ID:	0628106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/28/2011 1446	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5266

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5266/23-A	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5266	Lab File ID:	0628106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/28/2011 1446	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	49	28 - 110
2-Fluorophenol (Surr)	53	10 - 110
Nitrobenzene-d5 (Surr)	49	27 - 111
Phenol-d5 (Surr)	53	10 - 110
Terphenyl-d14 (Surr)	64	37 - 119
2,4,6-Tribromophenol (Surr)	40	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-5266

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5266/24-A	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5266	Lab File ID:	0628107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/28/2011 1503	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	12.5	63	40 - 110	
Acenaphthylene	20.0	12.6	63	43 - 110	
Anthracene	20.0	13.2	66	54 - 114	
Benzo[a]anthracene	20.0	13.3	66	55 - 115	
Benzo[a]pyrene	20.0	11.5	57	43 - 116	
Benzo[b]fluoranthene	20.0	12.1	61	43 - 122	
Benzo[g,h,i]perylene	20.0	14.1	71	45 - 120	
Benzo[k]fluoranthene	20.0	15.6	78	43 - 124	
1,1'-Biphenyl	20.0	12.8	64	50 - 130	
Bis(2-chloroethoxy)methane	20.0	12.4	62	39 - 110	
Bis(2-chloroethyl)ether	20.0	12.2	61	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	14.7	74	36 - 163	
4-Bromophenyl phenyl ether	20.0	12.8	64	51 - 114	
Butyl benzyl phthalate	20.0	14.4	72	53 - 126	
Caprolactam	20.0	11.8	59	50 - 130	
Carbazole	20.0	13.5	67	53 - 120	
4-Chloroaniline	20.0	10.8	54	10 - 110	
4-Chloro-3-methylphenol	20.0	13.8	69	39 - 110	
2-Chloronaphthalene	20.0	12.4	62	39 - 110	
2-Chlorophenol	20.0	11.1	56	27 - 110	
4-Chlorophenyl phenyl ether	20.0	13.1	66	50 - 115	
Chrysene	20.0	13.6	68	55 - 115	
Dibenz(a,h)anthracene	20.0	13.9	70	46 - 122	
Dibenzofuran	20.0	12.8	64	46 - 111	
3,3'-Dichlorobenzidine	20.0	6.98	35	19 - 110	
2,4-Dichlorophenol	20.0	12.2	61	33 - 110	
Diethyl phthalate	20.0	13.9	69	33 - 134	
2,4-Dimethylphenol	20.0	10.3	52	12 - 110	
Dimethyl phthalate	20.0	13.5	68	15 - 143	
Di-n-butyl phthalate	20.0	14.7	73	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	11.2	56	28 - 112	
2,4-Dinitrophenol	20.0	6.06	30	17 - 112	
2,4-Dinitrotoluene	20.0	14.8	74	52 - 123	
Di-n-octyl phthalate	20.0	13.5	68	44 - 128	
Fluoranthene	20.0	14.1	70	54 - 122	
Fluorene	20.0	13.0	65	47 - 112	
Hexachlorobenzene	20.0	12.9	65	51 - 112	
Hexachlorobutadiene	20.0	9.78	49	13 - 110	
Hexachlorocyclopentadiene	20.0	4.40	22	10 - 110	J
Hexachloroethane	20.0	10.8	54	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	13.9	70	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-5266

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5266/24-A	Analysis Batch:	240-6407	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5266	Lab File ID:	0628107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	06/28/2011 1503	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1040			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	12.5	62	44 - 128	
2-Methylnaphthalene	20.0	13.3	67	35 - 110	
2-Methylphenol	20.0	11.9	60	30 - 110	
Naphthalene	20.0	10.8	54	31 - 110	
2-Nitroaniline	20.0	14.6	73	43 - 130	
3-Nitroaniline	20.0	12.9	65	45 - 116	
4-Nitroaniline	20.0	14.0	70	45 - 120	
2-Nitrophenol	20.0	11.4	57	29 - 110	
4-Nitrophenol	20.0	15.5	78	12 - 130	
N-Nitrosodi-n-propylamine	20.0	12.8	64	37 - 121	
N-Nitrosodiphenylamine	20.0	12.3	61	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	12.7	64	25 - 128	
Pentachlorophenol	20.0	12.1	60	26 - 110	
Phenanthrene	20.0	13.0	65	52 - 114	
Phenol	20.0	12.2	61	14 - 112	
Pyrene	20.0	13.5	67	55 - 120	
2,4,5-Trichlorophenol	20.0	14.2	71	39 - 110	
2,4,6-Trichlorophenol	20.0	12.7	63	35 - 110	
3 & 4 Methylphenol	40.0	24.2	61	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	57	28 - 110
2-Fluorophenol (Surr)	57	10 - 110
Nitrobenzene-d5 (Surr)	55	27 - 111
Phenol-d5 (Surr)	57	10 - 110
Terphenyl-d14 (Surr)	77	37 - 119
2,4,6-Tribromophenol (Surr)	67	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5267 **Method: 8270C**
Preparation: 3520C

Lab Sample ID:	MB 240-5267/20-A	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-5267	Lab File ID:	0707005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 1340	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5267

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5267/20-A	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-5267	Lab File ID:	0707005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 1340	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	52	28 - 110
2-Fluorophenol (Surr)	58	10 - 110
Nitrobenzene-d5 (Surr)	50	27 - 111
Phenol-d5 (Surr)	56	10 - 110
Terphenyl-d14 (Surr)	67	37 - 119
2,4,6-Tribromophenol (Surr)	49	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-5267

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5267/21-A	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-5267	Lab File ID:	0707006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 1358	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	12.1	61	40 - 110	
Acenaphthylene	20.0	12.6	63	43 - 110	
Anthracene	20.0	12.8	64	54 - 114	
Benzo[a]anthracene	20.0	12.5	63	55 - 115	
Benzo[a]pyrene	20.0	10.7	54	43 - 116	
Benzo[b]fluoranthene	20.0	12.6	63	43 - 122	
Benzo[g,h,i]perylene	20.0	13.0	65	45 - 120	
Benzo[k]fluoranthene	20.0	13.1	66	43 - 124	
1,1'-Biphenyl	20.0	11.8	59	50 - 130	
Bis(2-chloroethoxy)methane	20.0	13.0	65	39 - 110	
Bis(2-chloroethyl)ether	20.0	13.6	68	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	13.1	65	36 - 163	
4-Bromophenyl phenyl ether	20.0	13.0	65	51 - 114	
Butyl benzyl phthalate	20.0	13.6	68	53 - 126	
Caprolactam	20.0	15.4	77	50 - 130	
Carbazole	20.0	12.9	65	53 - 120	
4-Chloroaniline	20.0	12.0	60	10 - 110	
4-Chloro-3-methylphenol	20.0	12.8	64	39 - 110	
2-Chloronaphthalene	20.0	12.4	62	39 - 110	
2-Chlorophenol	20.0	13.3	66	27 - 110	
4-Chlorophenyl phenyl ether	20.0	13.3	66	50 - 115	
Chrysene	20.0	12.8	64	55 - 115	
Dibenz(a,h)anthracene	20.0	12.8	64	46 - 122	
Dibenzofuran	20.0	12.7	64	46 - 111	
3,3'-Dichlorobenzidine	20.0	7.88	39	19 - 110	
2,4-Dichlorophenol	20.0	13.5	68	33 - 110	
Diethyl phthalate	20.0	13.3	66	33 - 134	
2,4-Dimethylphenol	20.0	10.2	51	12 - 110	
Dimethyl phthalate	20.0	13.2	66	15 - 143	
Di-n-butyl phthalate	20.0	13.8	69	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	13.0	65	28 - 112	
2,4-Dinitrophenol	20.0	11.3	56	17 - 112	
2,4-Dinitrotoluene	20.0	14.0	70	52 - 123	
Di-n-octyl phthalate	20.0	12.3	61	44 - 128	
Fluoranthene	20.0	13.6	68	54 - 122	
Fluorene	20.0	12.8	64	47 - 112	
Hexachlorobenzene	20.0	12.7	64	51 - 112	
Hexachlorobutadiene	20.0	11.7	59	13 - 110	
Hexachlorocyclopentadiene	20.0	4.32	22	10 - 110	J
Hexachloroethane	20.0	11.5	57	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	12.8	64	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-5267

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5267/21-A	Analysis Batch:	240-7488	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-5267	Lab File ID:	0707006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 1358	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/19/2011 1047			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	12.4	62	44 - 128	
2-Methylnaphthalene	20.0	15.5	77	35 - 110	
2-Methylphenol	20.0	13.1	66	30 - 110	
Naphthalene	20.0	12.8	64	31 - 110	
2-Nitroaniline	20.0	11.4	57	43 - 130	
3-Nitroaniline	20.0	12.6	63	45 - 116	
4-Nitroaniline	20.0	12.9	64	45 - 120	
2-Nitrophenol	20.0	13.2	66	29 - 110	
4-Nitrophenol	20.0	13.1	66	12 - 130	
N-Nitrosodi-n-propylamine	20.0	12.4	62	37 - 121	
N-Nitrosodiphenylamine	20.0	12.2	61	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	11.2	56	25 - 128	
Pentachlorophenol	20.0	12.9	64	26 - 110	
Phenanthrene	20.0	12.7	63	52 - 114	
Phenol	20.0	13.2	66	14 - 112	
Pyrene	20.0	12.7	64	55 - 120	
2,4,5-Trichlorophenol	20.0	13.0	65	39 - 110	
2,4,6-Trichlorophenol	20.0	13.0	65	35 - 110	
3 & 4 Methylphenol	40.0	26.6	67	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	60	28 - 110
2-Fluorophenol (Surr)	67	10 - 110
Nitrobenzene-d5 (Surr)	60	27 - 111
Phenol-d5 (Surr)	66	10 - 110
Terphenyl-d14 (Surr)	72	37 - 119
2,4,6-Tribromophenol (Surr)	66	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-8435

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8435/1-A	Analysis Batch:	240-8726	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1857	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	1.83	J	0.67	200
Beryllium	ND	^	0.46	1.0
Calcium	585	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	245		81	100
Potassium	151	J	72	5000
Magnesium	55.0	J	34	5000
Manganese	1.05	J	0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND	^	3.2	40
Vanadium	ND		0.64	50
Zinc	7.39	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Lab Control Sample - Batch: 240-8435

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8435/2-A	Analysis Batch:	240-8726	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1903	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	2120	106	80 - 120	
Beryllium	50.0	55.8	112	80 - 120	^
Calcium	50000	52400	105	80 - 120	
Cadmium	50.0	53.4	107	80 - 120	
Cobalt	500	521	104	80 - 120	
Chromium	200	212	106	80 - 120	
Copper	250	243	97	80 - 120	
Iron	1000	1120	112	80 - 120	
Potassium	50000	50100	100	80 - 120	
Magnesium	50000	50200	100	80 - 120	
Manganese	500	540	108	80 - 120	
Silver	50.0	54.4	109	80 - 120	
Sodium	50000	48000	96	80 - 120	
Nickel	500	541	108	80 - 120	^
Vanadium	500	510	102	80 - 120	
Zinc	500	593	119	80 - 120	
Lead	500	522	104	80 - 120	
Selenium	2000	2070	103	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8435

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1125-1	Analysis Batch:	240-8726	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1934			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1125-1	Analysis Batch:	240-8726	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I60715A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1940			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Barium	108	103	75 - 125	5	20		
Beryllium	112	108	75 - 125	4	20	^	^
Calcium	103	99	75 - 125	3	20		
Cadmium	106	102	75 - 125	4	20		
Cobalt	105	101	75 - 125	4	20		
Chromium	106	102	75 - 125	4	20		
Copper	98	93	75 - 125	5	20		
Potassium	103	99	75 - 125	4	20		
Magnesium	101	97	75 - 125	3	20		
Manganese	109	105	75 - 125	4	20		
Silver	109	106	75 - 125	3	20		
Sodium	98	94	75 - 125	4	20		
Nickel	109	105	75 - 125	4	20	^	^
Vanadium	102	98	75 - 125	4	20		
Zinc	110	106	75 - 125	4	20		
Lead	106	101	75 - 125	4	20		
Selenium	104	100	75 - 125	4	20		

Method Blank - Batch: 240-8730

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8730/1-A	Analysis Batch:	240-9023	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0118	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Iron	ND		81	100

Lab Control Sample - Batch: 240-8730

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8730/2-A	Analysis Batch:	240-9023	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0124	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1000	1050	105	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8730

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1125-1	Analysis Batch:	240-9023	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0142			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1125-1	Analysis Batch:	240-9023	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8730	Lab File ID:	I60719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 0201			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0544				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Iron	104	109	75 - 125	2	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-8435

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8435/1-A	Analysis Batch:	240-8676	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1633	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

Lab Control Sample - Batch: 240-8435

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8435/3-A	Analysis Batch:	240-8676	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1639	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9940	99	80 - 120	
Arsenic	1000	1020	102	80 - 120	
Antimony	100	101	101	80 - 120	
Thallium	1000	956	96	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8435

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1125-1	Analysis Batch:	240-8676	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1710			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1125-1	Analysis Batch:	240-8676	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8435	Lab File ID:	I80715A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/15/2011 1717			Final Weight/Volume:	50 mL
Prep Date:	07/14/2011 1050				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	99	104	63 - 128	4	20		
Arsenic	101	105	82 - 123	3	20		
Antimony	102	105	44 - 153	3	20		
Thallium	98	100	69 - 117	3	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-6599

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-6599/1-A	Analysis Batch:	240-6838	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1556	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-6599

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-6599/2-A	Analysis Batch:	240-6838	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1557	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.81	96	81 - 123	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5394

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5394/29	Analysis Batch:	240-5394	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	29240-0001211-029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2011 1928	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5394

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5394/30	Analysis Batch:	240-5394	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30240-0001211-030.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2011 1945	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5394/31	Analysis Batch:	240-5394	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	31240-0001211-031.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/20/2011 2003	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	104	103	90 - 110	0	20		
Bromide	99	99	90 - 110	0	20		
Sulfate	100	100	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Matrix Spike - Batch: 240-5394

Method: 300.0
Preparation: N/A

Lab Sample ID:	240-1125-10	Analysis Batch:	240-5394	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	47240-0001211-047.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 0041	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	60	50.0	119	119	80 - 120	
Bromide	ND	10.0	10.3	103	80 - 120	
Sulfate	12	50.0	67.6	111	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5413

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5413/5	Analysis Batch:	240-5413	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001232-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 1439	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5413

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5413/6	Analysis Batch:	240-5413	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001232-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 1456	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5413/7	Analysis Batch:	240-5413	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001232-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 1514	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	100	103	90 - 110	4	20		
Bromide	95	99	90 - 110	4	20		
Sulfate	96	100	90 - 110	4	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5555

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5555/27	Analysis Batch:	240-5555	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	29240-0001232-027.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 2136	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5555

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5555/28	Analysis Batch:	240-5555	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30240-0001232-028.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 2154	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5555/29	Analysis Batch:	240-5555	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	31240-0001232-029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/21/2011 2211	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	104	104	90 - 110	0	20		
Bromide	99	99	90 - 110	0	20		
Sulfate	100	100	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5887

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-5887/1-A	Analysis Batch:	240-5928	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5887	Lab File ID:	cn062311b.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/23/2011 1809	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/23/2011 1310				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-5887

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-5887/2-A	Analysis Batch:	240-5928	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5887	Lab File ID:	cn062311b.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/23/2011 1822	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/23/2011 1310				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.393	0.424	108	69 - 118	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Blank - Batch: 240-5983

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-5983/1-A	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5983	Lab File ID:	cn062411a.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/24/2011 1047	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1010				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-5983

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-5983/2-A	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5983	Lab File ID:	cn062411a.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/24/2011 1101	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1010				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.393	0.412	105	69 - 118	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1125-1

Method Reporting Limit Check - Batch: 240-6045

Method: 9012A
Preparation: N/A

Lab Sample ID:	MRL 240-6045/6	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	cn062411a.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	06/24/2011 0950	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.00500	ND	93	70 - 130	

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-90

PROJECT NAME: HEMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** T. Im Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	PARAMETERS: Cyanide	REMARKS
1	6/14/11	1005	GW-WT117A-061411	Water	4	X	X	
2		1010	TRIP BLANK-061411-001		1	X		
3		1118	GW-WT117B-061411		4	X	X	
4		1218	GW-WT117C-061411		4	X	X	
5		1313	GW-WT117D-061411		4	X	X	
6		1325	GW-WT117D-061411-E		4	X	X	Eq. Blank
7		1527	GW-WT121A-061411		4	X	X	
8	6/14/11	1630	GW-WT121B-061411		4	X	X	
9	6/15/11	1157	GW-WT120A-061511		4	X	X	
10	6/15/11	1323	GW-WT120C-061511		4	X	X	
11	6/15/11	1530	GW-WT120B-061511	Water	4	X	X	

TOTAL NUMBER OF CONTAINERS 41

RELINQUISHED BY: (1) _____	DATE: 6/15/11 TIME: 1730	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4445

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Goldenrod -Sampler Copy

SAMPLE TEAM: T. Im Pranger, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 6/16/11 TIME: 0930

2410

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: Metals	Bromide	Chloride	Sulfate	REMARKS
1	6/14/11	1005	GW-WT117A-061411	Water	2	X	X	X	X	
2		1118	GW-WT117B-061411		2	X	X	X	X	
3		1218	GW-WT117C-061411		2	X	X	X	X	
4		1313	GW-WT117D-061411		2	X	X	X	X	
5		1325	GW-WT117D-061411-E		2	X	X	X	X	Fr. Blank
6	↓	1527	GW-WT121A-061411		2	X	X	X	X	
7	6/14/11	1630	GW-WT121B-061411		2	X	X	X	X	
8	6/15/11	1157	GW-WT120A-061511		2	X	X	X	X	
9	6/15/11	1323	GW-WT120C-061511		2	X	X	X	X	
10	6/15/11	1530	GW-WT120B-061511	Water	2	X	X	X	X	
TOTAL NUMBER OF CONTAINERS					20					

RELINQUISHED BY: ① _____	DATE: 6/15/11 TIME: 1730	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2395 4445

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SAMPLE TEAM: Tim Pranger, Nick Hall

RECEIVED FOR LABORATORY BY: _____ DATE: 6/16/11 TIME: 0930

2414

400001-00(SOURCE)GN-CO007

07/31/2011

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 039611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	6/14/11	1005	GW-WT117A-061411	Water	2	X	
2		1118	GW-WT117B-061411		2	X	
3		1218	GW-WT117C-061411		2	X	
4		1313	GW-WT117D-061411		2	X	
5		1325	GW-WT117D-061411-E		2	X	Eq. Blank
6	6/14/11	1527	GW-WT121A-061411	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: ① [signature]	DATE: 6/15/11 TIME: 1730	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2898 4495

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Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Nick Hill

RECEIVED FOR LABORATORY BY: [signature]
DATE: 6/16/11 TIME: 0830

2411

400001-00(SOURCE)GN-CO007

07/31/2011

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HEMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	6/14/11	1630	GW-WT121B-061411	Water	2	X	
2	6/15/11	1157	GW-WT120A-061511	"	2	X	
3	6/15/11	1323	GW-WT120C-061511	"	2	X	
4	6/15/11	1530	GW-WT120B-061511	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		8		

RELINQUISHED BY: ① _____	DATE: 6/15/11 TIME: 1730	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4945

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Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 6/16/11 TIME: 0930

2412

400001-00(SOURCE)GN-CO007

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project HESCO By: (Signature)
Cooler Received on 6/16/11 Opened on 6/16/11
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other_____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 8 Quantity Unsalvageable 3
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
117A	<2 >12	6/16/11	
117B	<2 >12		
117C	<2 >12		
117D	<2 >12		
117D ~~E~~	<2 >12		
121A	<2 >12		
121B	<2 >12		
120A	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials
120C	<2 >12	6/16/11	[illegible]
120B	<2 >12		

Cooler #	Temp. °C	Method	Coolant
A610	2.9	IR	Ice
L692	3.1		
L228	3.7		
A718	2.9		

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-1125-1

Login Number: 1125

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9/3.1/3.7/2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-1197-1

Job Description: 039611-40 HIMCO

For:
Conestoga-Rovers & Associates, Inc.
6520 Corporate Drive
Indianapolis, IN 46278

Attention: Mr. Steve Day

Approved for release.
Amy L McCormick
Project Manager II
7/31/2011 1:29 PM

Amy L McCormick
Project Manager II
amy.mccormick@testamericainc.com
07/31/2011

cc: EDD CRA
CRA Tracking CRA Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Laboratories, Inc.
TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330) 497-9396 Fax (330) 497-0772 www.testamericainc.com

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 039611-40 HIMCO

Report Number: 240-1197-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/17/2011; the samples were properly preserved and on ice. The temperature of the coolers at receipt was 1.6, 2.3, and 2.8 C.

One or more containers for the following sample(s) was received broken or leaking: GW-WT122A-061611, GW-WT122B-061611. SAMPLE 1 HAD 2X40 BROKEN AND SAMPLE 3 HAD 1X40 BROKEN.

All other samples were received in good condition within temperature requirements.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT122A-061611 (240-1197-1), TRIP BLANK-061611-002 (240-1197-2), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/25/2011 and 06/27/2011.

Acetone was detected in method blank MB 240-6070/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT122A-061611 (240-1197-1), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 07/15/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out

and no corrective action is required.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-5285/22-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS of sample GW-WT104A-061611MS (240-1197-6) in batch 240-8549.

Benzo[a]anthracene, Butyl benzyl phthalate and Pyrene failed the recovery criteria low for the MSD of sample GW-WT104A-061611MSD (240-1197-6) in batch 240-8549. Pentachlorophenol exceeded the rpd limit.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples GW-WT122A-061611 (240-1197-1), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 07/19/2011 and 07/22/2011.

Several analytes were detected in method blank MB 240-8738/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-WT122A-061611 (240-1197-1), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were analyzed on 07/26/2011.

Thallium was detected in method blank MB 240-8738/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-WT122A-061611 (240-1197-1), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were analyzed on 06/30/2011 and 07/01/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Samples GW-WT122A-061611 (240-1197-1), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 06/22/2011, 06/23/2011 and 06/24/2011.

Sulfate failed the recovery criteria high for the MS of sample GW-WT122C-061611MS (240-1197-4) in batch 240-5909.

Refer to the QC report for details.

Samples GW-WT122A-061611 (240-1197-1)[5X] and GW-WT106B-061611 (240-1197-8)[5X] required dilution prior to analysis. The

reporting limits have been adjusted accordingly.

No other difficulties were encountered during the anions analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples GW-WT122A-061611 (240-1197-1), GW-WT122B-061611 (240-1197-3), GW-WT122C-061611 (240-1197-4), GW-WT122C-061611-D (240-1197-5), GW-WT104A-061611 (240-1197-6), GW-WT106A-061611 (240-1197-7), GW-WT106B-061611 (240-1197-8) and GW-WT106C-061611 (240-1197-9) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 06/24/2011, 06/25/2011 and 06/27/2011.

Total Cyanide was detected in method blank MB 240-6240/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Total Cyanide exceeded the rpd limit for the MSD of sample GW-WT106A-061611MSD (240-1197-7) in batch 240-6108.

Refer to the QC report for details.

The method blank for total cyanide batch 6328 contained cyanide above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.
No other difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1197-1	**GW-WT122A-061611**					
Acetone		1.2	J B	10	ug/L	8260B
Benzene		0.53	J	1.0	ug/L	8260B
Carbon disulfide		0.16	J	1.0	ug/L	8260B
Chloroethane		0.68	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.94	J	1.0	ug/L	8260B
Dichlorodifluoromethane		0.69	J	1.0	ug/L	8260B
1,1-Dichloroethane		4.4		1.0	ug/L	8260B
Trichloroethene		0.38	J	1.0	ug/L	8260B
Vinyl chloride		0.63	J	1.0	ug/L	8260B
Acetophenone		0.40	J	0.98	ug/L	8270C
Chloride		170		5.0	mg/L	300.0
Bromide		0.081	J	0.50	mg/L	300.0
Sulfate		42		1.0	mg/L	300.0
Total Recoverable						
Barium		52	J B	200	ug/L	6010B
Calcium		200000	B	5000	ug/L	6010B
Iron		2400		100	ug/L	6010B
Potassium		4900	J B	5000	ug/L	6010B
Magnesium		18000	B	5000	ug/L	6010B
Manganese		400	B	15	ug/L	6010B
Sodium		32000		5000	ug/L	6010B
Vanadium		2.0	J	50	ug/L	6010B
Aluminum		100		50	ug/L	6020
Arsenic		1.3		1.0	ug/L	6020
Thallium		1.2	B	1.0	ug/L	6020
240-1197-2TB	**TRIP BLANK-061611-002**					
Acetone		8.9	J B	10	ug/L	8260B
Methylene Chloride		5.8		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1197-3	**GW-WT122B-061611**					
Acetophenone		1.3		0.96	ug/L	8270C
Bis(2-ethylhexyl) phthalate		0.97	J B	1.9	ug/L	8270C
Chloride		35		1.0	mg/L	300.0
Bromide		0.13	J	0.50	mg/L	300.0
Sulfate		140		1.0	mg/L	300.0
Total Recoverable						
Barium		60	J B	200	ug/L	6010B
Calcium		130000	B	5000	ug/L	6010B
Iron		3900		100	ug/L	6010B
Potassium		2800	J B	5000	ug/L	6010B
Magnesium		25000	B	5000	ug/L	6010B
Manganese		140	B	15	ug/L	6010B
Sodium		20000		5000	ug/L	6010B
Lead		2.0	J	3.0	ug/L	6010B
Aluminum		48	J	50	ug/L	6020
Arsenic		1.8		1.0	ug/L	6020
Thallium		0.53	J B	1.0	ug/L	6020
240-1197-4	**GW-WT122C-061611**					
Acetone		1.1	J B	10	ug/L	8260B
Acetophenone		2.9		0.99	ug/L	8270C
Chloride		33		1.0	mg/L	300.0
Sulfate		120		1.0	mg/L	300.0
Total Recoverable						
Barium		34	J B	200	ug/L	6010B
Calcium		89000	B	5000	ug/L	6010B
Iron		1700		100	ug/L	6010B
Potassium		3200	J B	5000	ug/L	6010B
Magnesium		24000	B	5000	ug/L	6010B
Manganese		130	B	15	ug/L	6010B
Sodium		18000		5000	ug/L	6010B
Vanadium		0.81	J	50	ug/L	6010B
Aluminum		54		50	ug/L	6020
Arsenic		3.8		1.0	ug/L	6020
Thallium		0.37	J B	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1197-5FD	**GW-WT122C-061611-D**					
Acetone		1.1	J B	10	ug/L	8260B
Acetophenone		2.7		1.0	ug/L	8270C
Chloride		29		1.0	mg/L	300.0
Sulfate		120		1.0	mg/L	300.0
Total Recoverable						
Barium		35	J B	200	ug/L	6010B
Calcium		90000	B	5000	ug/L	6010B
Iron		1700		100	ug/L	6010B
Potassium		3200	J B	5000	ug/L	6010B
Magnesium		24000	B	5000	ug/L	6010B
Manganese		140	B	15	ug/L	6010B
Sodium		18000		5000	ug/L	6010B
Aluminum		49	J	50	ug/L	6020
Arsenic		4.3		1.0	ug/L	6020
Thallium		0.28	J B	1.0	ug/L	6020
240-1197-6	**GW-WT104A-061611**					
Chloride		9.5		1.0	mg/L	300.0
Sulfate		21		1.0	mg/L	300.0
Total Recoverable						
Barium		9.1	J B	200	ug/L	6010B
Calcium		26000	B	5000	ug/L	6010B
Potassium		980	J B	5000	ug/L	6010B
Magnesium		7300	B	5000	ug/L	6010B
Manganese		1.3	J B	15	ug/L	6010B
Sodium		7300		5000	ug/L	6010B
Aluminum		62		50	ug/L	6020
Thallium		0.97	J B	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1197-7	**GW-WT106A-061611**					
Benzene		0.18	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.3		1.0	ug/L	8260B
Chloride		39		1.0	mg/L	300.0
Sulfate		85		1.0	mg/L	300.0
Total Recoverable						
Barium		37	J B	200	ug/L	6010B
Beryllium		0.96	J	1.0	ug/L	6010B
Calcium		110000	B	5000	ug/L	6010B
Chromium		7.1	J	10	ug/L	6010B
Iron		630		100	ug/L	6010B
Potassium		1500	J B	5000	ug/L	6010B
Magnesium		14000	B	5000	ug/L	6010B
Manganese		350	B	15	ug/L	6010B
Sodium		34000		5000	ug/L	6010B
Nickel		5.3	J	40	ug/L	6010B
Zinc		33	B	20	ug/L	6010B
Aluminum		67		50	ug/L	6020
Arsenic		1.6		1.0	ug/L	6020
Thallium		0.29	J B	1.0	ug/L	6020
240-1197-8	**GW-WT106B-061611**					
Carbon disulfide		0.27	J	1.0	ug/L	8260B
Chloroethane		1.6		1.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		1.5	J B	2.0	ug/L	8270C
Chloride		20		5.0	mg/L	300.0
Bromide		0.26	J	0.50	mg/L	300.0
Sulfate		210		5.0	mg/L	300.0
Total Recoverable						
Barium		110	J B	200	ug/L	6010B
Beryllium		0.68	J	1.0	ug/L	6010B
Calcium		140000	B	5000	ug/L	6010B
Chromium		9.9	J	10	ug/L	6010B
Iron		5700		100	ug/L	6010B
Potassium		5200	B	5000	ug/L	6010B
Magnesium		61000	B	5000	ug/L	6010B
Manganese		48	B	15	ug/L	6010B
Sodium		39000		5000	ug/L	6010B
Nickel		5.2	J	40	ug/L	6010B
Aluminum		37	J	50	ug/L	6020
Arsenic		12		1.0	ug/L	6020
Thallium		0.21	J B	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1197-9	**GW-WT106C-061611**					
Acetone		1.2	J	10	ug/L	8260B
Carbon disulfide		1.4		1.0	ug/L	8260B
Chloroform		0.16	J	1.0	ug/L	8260B
Toluene		0.41	J	1.0	ug/L	8260B
Isophorone		1.0		1.0	ug/L	8270C
Chloride		9.5		1.0	mg/L	300.0
Bromide		0.26	J	0.50	mg/L	300.0
Sulfate		0.60	J	1.0	mg/L	300.0
Total Recoverable						
Barium		69	J B	200	ug/L	6010B
Beryllium		0.54	J	1.0	ug/L	6010B
Calcium		47000	B	5000	ug/L	6010B
Iron		330		100	ug/L	6010B
Potassium		1700	J B	5000	ug/L	6010B
Magnesium		20000	B	5000	ug/L	6010B
Manganese		34	B	15	ug/L	6010B
Sodium		19000		5000	ug/L	6010B
Zinc		19	J B	20	ug/L	6010B
Aluminum		57		50	ug/L	6020
Arsenic		8.3		1.0	ug/L	6020
Thallium		0.17	J B	1.0	ug/L	6020

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
TCL VOA	TAL NC	SW846 8260B	
Purge and Trap	TAL NC		SW846 5030B
TCL Semivolatile Compounds (OLMO4.2)	TAL NC	SW846 8270C	
Liquid-Liquid Extraction (Continuous)			SW846 3520C
TAL Metals	TAL NC	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
TAL Metals	TAL NC	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
Total Mercury	TAL NC	SW846 7470A	
Preparation, Mercury			SW846 7470A
Anions, Ion Chromatography	TAL NC	MCAWW 300.0	
Total Cyanide (Automated Colorimetric]	TAL NC	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation			SW846 9012A

Lab References:

TAL NC = TestAmerica North Canton

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method	Analyst	Analyst ID
SW846 8260B	Williams, Larry	LW
SW846 8270C	Gruber, John	JG
SW846 6010B	Counts, Karen	KC
SW846 6020	Musselman, Natalie J	NJM
SW846 7470A	Davies, Brian	BD
MCAWW 300.0	Grossman, Lucas	LG
SW846 9012A	Henry, Kyle	KH
SW846 9012A	Rohr, Ben	BR

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-1197-1	GW-WT122A-061611	Water	06/16/2011 0908	06/17/2011 1152
240-1197-2TB	TRIP BLANK-061611-002	Water	06/16/2011 0915	06/17/2011 1152
240-1197-3	GW-WT122B-061611	Water	06/16/2011 1012	06/17/2011 1152
240-1197-4	GW-WT122C-061611	Water	06/16/2011 1112	06/17/2011 1152
240-1197-5FD	GW-WT122C-061611-D	Water	06/16/2011 1120	06/17/2011 1152
240-1197-6	GW-WT104A-061611	Water	06/16/2011 1333	06/17/2011 1152
240-1197-6MS	GW-WT104A-061611	Water	06/16/2011 1333	06/17/2011 1152
240-1197-6MSD	GW-WT104A-061611	Water	06/16/2011 1333	06/17/2011 1152
240-1197-7	GW-WT106A-061611	Water	06/16/2011 1457	06/17/2011 1152
240-1197-8	GW-WT106B-061611	Water	06/16/2011 1548	06/17/2011 1152
240-1197-9	GW-WT106C-061611	Water	06/16/2011 1643	06/17/2011 1152

SAMPLE RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7210.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0528			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0528				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.2	J B	1.1	10
Benzene	0.53	J	0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.16	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	0.68	J	0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.94	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	0.69	J	0.31	1.0
1,1-Dichloroethane	4.4		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	0.38	J	0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7210.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0528			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0528				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	0.63	J	0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	100		75 - 121
1,2-Dichloroethane-d4 (Surr)	109		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **TRIP BLANK-061611-002**

Lab Sample ID: 240-1197-2TB Date Sampled: 06/16/2011 0915
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7211.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0550			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.9	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	5.8		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **TRIP BLANK-061611-002**

Lab Sample ID: 240-1197-2TB Date Sampled: 06/16/2011 0915
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7211.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0550			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 117
Dibromofluoromethane (Surr)	98		75 - 121
1,2-Dichloroethane-d4 (Surr)	111		63 - 129
Toluene-d8 (Surr)	90		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7212.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0612			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0612				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7212.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0612			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0612				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	108		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7213.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0635			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0635				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7213.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0635			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0635				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	103		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7214.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0657			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0657				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7214.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0657			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0657				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 117
Dibromofluoromethane (Surr)	102		75 - 121
1,2-Dichloroethane-d4 (Surr)	112		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7216.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0742			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0742				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7216.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0742			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0742				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 117
Dibromofluoromethane (Surr)	98		75 - 121
1,2-Dichloroethane-d4 (Surr)	109		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7215.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0720			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0720				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	0.18	J	0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	1.3		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7215.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0720			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0720				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		66 - 117
Dibromofluoromethane (Surr)	102		75 - 121
1,2-Dichloroethane-d4 (Surr)	112		63 - 129
Toluene-d8 (Surr)	98		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7231.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1840				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.27	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	1.6		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7231.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1840				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		66 - 117
Dibromofluoromethane (Surr)	93		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	99		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7232.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1902			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1902				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.2	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	1.4		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	0.16	J	0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.41	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643
Client Matrix: Water Date Received: 06/17/2011 1152

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7232.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1902			Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1902				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	103		63 - 129
Toluene-d8 (Surr)	99		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715020.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1516			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.098	0.20
Acenaphthylene	ND		0.098	0.20
Acetophenone	0.40	J	0.33	0.98
Anthracene	ND		0.098	0.20
Atrazine	ND		0.33	0.98
Benzaldehyde	ND		0.38	0.98
Benzo[a]anthracene	ND		0.098	0.20
Benzo[a]pyrene	ND		0.098	0.20
Benzo[b]fluoranthene	ND		0.098	0.20
Benzo[g,h,i]perylene	ND		0.098	0.20
Benzo[k]fluoranthene	ND		0.098	0.20
1,1'-Biphenyl	ND		0.78	0.98
Bis(2-chloroethoxy)methane	ND		0.31	0.98
Bis(2-chloroethyl)ether	ND		0.098	0.98
Bis(2-ethylhexyl) phthalate	ND		0.78	2.0
4-Bromophenyl phenyl ether	ND		0.78	2.0
Butyl benzyl phthalate	ND		0.78	0.98
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.98
4-Chloroaniline	ND		0.78	2.0
4-Chloro-3-methylphenol	ND		0.78	2.0
2-Chloronaphthalene	ND		0.098	0.98
2-Chlorophenol	ND		0.28	0.98
4-Chlorophenyl phenyl ether	ND		0.29	2.0
Chrysene	ND		0.098	0.20
Dibenz(a,h)anthracene	ND		0.098	0.20
Dibenzofuran	ND		0.098	0.98
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	2.0
Diethyl phthalate	ND		0.59	0.98
2,4-Dimethylphenol	ND		0.78	2.0
Dimethyl phthalate	ND		0.28	0.98
Di-n-butyl phthalate	ND		0.66	0.98
4,6-Dinitro-2-methylphenol	ND		2.4	4.9
2,4-Dinitrophenol	ND		2.4	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.98
Fluoranthene	ND		0.098	0.20
Fluorene	ND		0.098	0.20
Hexachlorobenzene	ND		0.098	0.20
Hexachlorobutadiene	ND		0.26	0.98
Hexachlorocyclopentadiene	ND		0.78	9.8
Hexachloroethane	ND		0.78	0.98
Indeno[1,2,3-cd]pyrene	ND		0.098	0.20
Isophorone	ND		0.26	0.98

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715020.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1516			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.098	0.20
2-Methylphenol	ND		0.78	0.98
Naphthalene	ND		0.098	0.20
2-Nitroaniline	ND		0.78	2.0
3-Nitroaniline	ND		0.27	2.0
4-Nitroaniline	ND		0.78	2.0
Nitrobenzene	ND		0.039	0.98
2-Nitrophenol	ND		0.27	2.0
4-Nitrophenol	ND		2.4	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.98
N-Nitrosodiphenylamine	ND		0.30	0.98
2,2'-oxybis[1-chloropropane]	ND		0.39	0.98
Pentachlorophenol	ND		2.4	4.9
Phenanthrene	ND		0.098	0.20
Phenol	ND		0.59	0.98
Pyrene	ND		0.098	0.20
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	47		28 - 110
2-Fluorophenol (Surr)	50		10 - 110
Nitrobenzene-d5 (Surr)	49		27 - 111
Phenol-d5 (Surr)	53		10 - 110
Terphenyl-d14 (Surr)	55		37 - 119
2,4,6-Tribromophenol (Surr)	49		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715021.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	07/15/2011 1534			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.096	0.19
Acenaphthylene	ND		0.096	0.19
Acetophenone	1.3		0.33	0.96
Anthracene	ND		0.096	0.19
Atrazine	ND		0.33	0.96
Benzaldehyde	ND		0.37	0.96
Benzo[a]anthracene	ND		0.096	0.19
Benzo[a]pyrene	ND		0.096	0.19
Benzo[b]fluoranthene	ND		0.096	0.19
Benzo[g,h,i]perylene	ND		0.096	0.19
Benzo[k]fluoranthene	ND		0.096	0.19
1,1'-Biphenyl	ND		0.77	0.96
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	0.97	J B	0.77	1.9
4-Bromophenyl phenyl ether	ND		0.77	1.9
Butyl benzyl phthalate	ND		0.77	0.96
Caprolactam	ND		0.77	4.8
Carbazole	ND		0.27	0.96
4-Chloroaniline	ND		0.77	1.9
4-Chloro-3-methylphenol	ND		0.77	1.9
2-Chloronaphthalene	ND		0.096	0.96
2-Chlorophenol	ND		0.28	0.96
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.096	0.19
Dibenz(a,h)anthracene	ND		0.096	0.19
Dibenzofuran	ND		0.096	0.96
3,3'-Dichlorobenzidine	ND		0.36	4.8
2,4-Dichlorophenol	ND		0.77	1.9
Diethyl phthalate	ND		0.58	0.96
2,4-Dimethylphenol	ND		0.77	1.9
Dimethyl phthalate	ND		0.28	0.96
Di-n-butyl phthalate	ND		0.64	0.96
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.77	4.8
Di-n-octyl phthalate	ND		0.77	0.96
Fluoranthene	ND		0.096	0.19
Fluorene	ND		0.096	0.19
Hexachlorobenzene	ND		0.096	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.77	9.6
Hexachloroethane	ND		0.77	0.96
Indeno[1,2,3-cd]pyrene	ND		0.096	0.19
Isophorone	ND		0.26	0.96

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715021.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	07/15/2011 1534			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.096	0.19
2-Methylphenol	ND		0.77	0.96
Naphthalene	ND		0.096	0.19
2-Nitroaniline	ND		0.77	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.77	1.9
Nitrobenzene	ND		0.038	0.96
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.77	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
2,2'-oxybis[1-chloropropane]	ND		0.38	0.96
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.096	0.19
Phenol	ND		0.58	0.96
Pyrene	ND		0.096	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.77	4.8
3 & 4 Methylphenol	ND		0.72	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	47		28 - 110
2-Fluorophenol (Surr)	51		10 - 110
Nitrobenzene-d5 (Surr)	49		27 - 111
Phenol-d5 (Surr)	52		10 - 110
Terphenyl-d14 (Surr)	54		37 - 119
2,4,6-Tribromophenol (Surr)	41		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715022.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/15/2011 1553			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.099	0.20
Acenaphthylene	ND		0.099	0.20
Acetophenone	2.9		0.34	0.99
Anthracene	ND		0.099	0.20
Atrazine	ND		0.34	0.99
Benzaldehyde	ND		0.39	0.99
Benzo[a]anthracene	ND		0.099	0.20
Benzo[a]pyrene	ND		0.099	0.20
Benzo[b]fluoranthene	ND		0.099	0.20
Benzo[g,h,i]perylene	ND		0.099	0.20
Benzo[k]fluoranthene	ND		0.099	0.20
1,1'-Biphenyl	ND		0.79	0.99
Bis(2-chloroethoxy)methane	ND		0.32	0.99
Bis(2-chloroethyl)ether	ND		0.099	0.99
Bis(2-ethylhexyl) phthalate	ND		0.79	2.0
4-Bromophenyl phenyl ether	ND		0.79	2.0
Butyl benzyl phthalate	ND		0.79	0.99
Caprolactam	ND		0.79	5.0
Carbazole	ND		0.28	0.99
4-Chloroaniline	ND		0.79	2.0
4-Chloro-3-methylphenol	ND		0.79	2.0
2-Chloronaphthalene	ND		0.099	0.99
2-Chlorophenol	ND		0.29	0.99
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.099	0.20
Dibenz(a,h)anthracene	ND		0.099	0.20
Dibenzofuran	ND		0.099	0.99
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.79	2.0
Diethyl phthalate	ND		0.59	0.99
2,4-Dimethylphenol	ND		0.79	2.0
Dimethyl phthalate	ND		0.29	0.99
Di-n-butyl phthalate	ND		0.66	0.99
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.79	5.0
Di-n-octyl phthalate	ND		0.79	0.99
Fluoranthene	ND		0.099	0.20
Fluorene	ND		0.099	0.20
Hexachlorobenzene	ND		0.099	0.20
Hexachlorobutadiene	ND		0.27	0.99
Hexachlorocyclopentadiene	ND		0.79	9.9
Hexachloroethane	ND		0.79	0.99
Indeno[1,2,3-cd]pyrene	ND		0.099	0.20
Isophorone	ND		0.27	0.99

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715022.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/15/2011 1553			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.099	0.20
2-Methylphenol	ND		0.79	0.99
Naphthalene	ND		0.099	0.20
2-Nitroaniline	ND		0.79	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.79	2.0
Nitrobenzene	ND		0.040	0.99
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.79	0.99
N-Nitrosodiphenylamine	ND		0.31	0.99
2,2'-oxybis[1-chloropropane]	ND		0.40	0.99
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.099	0.20
Phenol	ND		0.59	0.99
Pyrene	ND		0.099	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.79	5.0
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	43		28 - 110
2-Fluorophenol (Surr)	46		10 - 110
Nitrobenzene-d5 (Surr)	45		27 - 111
Phenol-d5 (Surr)	47		10 - 110
Terphenyl-d14 (Surr)	52		37 - 119
2,4,6-Tribromophenol (Surr)	52		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715023.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/15/2011 1612			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	2.7		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715023.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/15/2011 1612			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	44		28 - 110
2-Fluorophenol (Surr)	48		10 - 110
Nitrobenzene-d5 (Surr)	46		27 - 111
Phenol-d5 (Surr)	49		10 - 110
Terphenyl-d14 (Surr)	52		37 - 119
2,4,6-Tribromophenol (Surr)	54		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715024.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1631			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.098	0.20
Acenaphthylene	ND		0.098	0.20
Acetophenone	ND		0.33	0.98
Anthracene	ND		0.098	0.20
Atrazine	ND		0.33	0.98
Benzaldehyde	ND		0.38	0.98
Benzo[a]anthracene	ND		0.098	0.20
Benzo[a]pyrene	ND		0.098	0.20
Benzo[b]fluoranthene	ND		0.098	0.20
Benzo[g,h,i]perylene	ND		0.098	0.20
Benzo[k]fluoranthene	ND		0.098	0.20
1,1'-Biphenyl	ND		0.78	0.98
Bis(2-chloroethoxy)methane	ND		0.31	0.98
Bis(2-chloroethyl)ether	ND		0.098	0.98
Bis(2-ethylhexyl) phthalate	ND		0.78	2.0
4-Bromophenyl phenyl ether	ND		0.78	2.0
Butyl benzyl phthalate	ND		0.78	0.98
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.98
4-Chloroaniline	ND		0.78	2.0
4-Chloro-3-methylphenol	ND		0.78	2.0
2-Chloronaphthalene	ND		0.098	0.98
2-Chlorophenol	ND		0.28	0.98
4-Chlorophenyl phenyl ether	ND		0.29	2.0
Chrysene	ND		0.098	0.20
Dibenz(a,h)anthracene	ND		0.098	0.20
Dibenzofuran	ND		0.098	0.98
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	2.0
Diethyl phthalate	ND		0.59	0.98
2,4-Dimethylphenol	ND		0.78	2.0
Dimethyl phthalate	ND		0.28	0.98
Di-n-butyl phthalate	ND		0.66	0.98
4,6-Dinitro-2-methylphenol	ND		2.4	4.9
2,4-Dinitrophenol	ND		2.4	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.98
Fluoranthene	ND		0.098	0.20
Fluorene	ND		0.098	0.20
Hexachlorobenzene	ND		0.098	0.20
Hexachlorobutadiene	ND		0.26	0.98
Hexachlorocyclopentadiene	ND		0.78	9.8
Hexachloroethane	ND		0.78	0.98
Indeno[1,2,3-cd]pyrene	ND		0.098	0.20
Isophorone	ND		0.26	0.98

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715024.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1631			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.098	0.20
2-Methylphenol	ND		0.78	0.98
Naphthalene	ND		0.098	0.20
2-Nitroaniline	ND		0.78	2.0
3-Nitroaniline	ND		0.27	2.0
4-Nitroaniline	ND		0.78	2.0
Nitrobenzene	ND		0.039	0.98
2-Nitrophenol	ND		0.27	2.0
4-Nitrophenol	ND		2.4	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.98
N-Nitrosodiphenylamine	ND		0.30	0.98
2,2'-oxybis[1-chloropropane]	ND		0.39	0.98
Pentachlorophenol	ND		2.4	4.9
Phenanthrene	ND		0.098	0.20
Phenol	ND		0.59	0.98
Pyrene	ND		0.098	0.20
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		28 - 110
2-Fluorophenol (Surr)	56		10 - 110
Nitrobenzene-d5 (Surr)	54		27 - 111
Phenol-d5 (Surr)	57		10 - 110
Terphenyl-d14 (Surr)	62		37 - 119
2,4,6-Tribromophenol (Surr)	32		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715027.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/15/2011 1728			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715027.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/15/2011 1728			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	45		28 - 110
2-Fluorophenol (Surr)	50		10 - 110
Nitrobenzene-d5 (Surr)	49		27 - 111
Phenol-d5 (Surr)	51		10 - 110
Terphenyl-d14 (Surr)	55		37 - 119
2,4,6-Tribromophenol (Surr)	40		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715028.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/15/2011 1746			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.099	0.20
Acenaphthylene	ND		0.099	0.20
Acetophenone	ND		0.34	0.99
Anthracene	ND		0.099	0.20
Atrazine	ND		0.34	0.99
Benzaldehyde	ND		0.39	0.99
Benzo[a]anthracene	ND		0.099	0.20
Benzo[a]pyrene	ND		0.099	0.20
Benzo[b]fluoranthene	ND		0.099	0.20
Benzo[g,h,i]perylene	ND		0.099	0.20
Benzo[k]fluoranthene	ND		0.099	0.20
1,1'-Biphenyl	ND		0.79	0.99
Bis(2-chloroethoxy)methane	ND		0.32	0.99
Bis(2-chloroethyl)ether	ND		0.099	0.99
Bis(2-ethylhexyl) phthalate	1.5	J B	0.79	2.0
4-Bromophenyl phenyl ether	ND		0.79	2.0
Butyl benzyl phthalate	ND		0.79	0.99
Caprolactam	ND		0.79	5.0
Carbazole	ND		0.28	0.99
4-Chloroaniline	ND		0.79	2.0
4-Chloro-3-methylphenol	ND		0.79	2.0
2-Chloronaphthalene	ND		0.099	0.99
2-Chlorophenol	ND		0.29	0.99
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.099	0.20
Dibenz(a,h)anthracene	ND		0.099	0.20
Dibenzofuran	ND		0.099	0.99
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.79	2.0
Diethyl phthalate	ND		0.59	0.99
2,4-Dimethylphenol	ND		0.79	2.0
Dimethyl phthalate	ND		0.29	0.99
Di-n-butyl phthalate	ND		0.66	0.99
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.79	5.0
Di-n-octyl phthalate	ND		0.79	0.99
Fluoranthene	ND		0.099	0.20
Fluorene	ND		0.099	0.20
Hexachlorobenzene	ND		0.099	0.20
Hexachlorobutadiene	ND		0.27	0.99
Hexachlorocyclopentadiene	ND		0.79	9.9
Hexachloroethane	ND		0.79	0.99
Indeno[1,2,3-cd]pyrene	ND		0.099	0.20
Isophorone	ND		0.27	0.99

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715028.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/15/2011 1746			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.099	0.20
2-Methylphenol	ND		0.79	0.99
Naphthalene	ND		0.099	0.20
2-Nitroaniline	ND		0.79	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.79	2.0
Nitrobenzene	ND		0.040	0.99
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.79	0.99
N-Nitrosodiphenylamine	ND		0.31	0.99
2,2'-oxybis[1-chloropropane]	ND		0.40	0.99
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.099	0.20
Phenol	ND		0.59	0.99
Pyrene	ND		0.099	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.79	5.0
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	44		28 - 110
2-Fluorophenol (Surr)	51		10 - 110
Nitrobenzene-d5 (Surr)	48		27 - 111
Phenol-d5 (Surr)	52		10 - 110
Terphenyl-d14 (Surr)	55		37 - 119
2,4,6-Tribromophenol (Surr)	51		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715029.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/15/2011 1805			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.41	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.83	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.83	2.1
4-Bromophenyl phenyl ether	ND		0.83	2.1
Butyl benzyl phthalate	ND		0.83	1.0
Caprolactam	ND		0.83	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.83	2.1
4-Chloro-3-methylphenol	ND		0.83	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.39	5.2
2,4-Dichlorophenol	ND		0.83	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.83	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.70	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.83	5.2
Di-n-octyl phthalate	ND		0.83	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.83	10
Hexachloroethane	ND		0.83	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	1.0		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643
Client Matrix: Water Date Received: 06/17/2011 1152

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5285	Lab File ID:	0715029.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/15/2011 1805			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.83	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.83	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.83	2.1
Nitrobenzene	ND		0.042	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.42	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.83	5.2
3 & 4 Methylphenol	ND		0.78	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	45		28 - 110
2-Fluorophenol (Surr)	50		10 - 110
Nitrobenzene-d5 (Surr)	48		27 - 111
Phenol-d5 (Surr)	52		10 - 110
Terphenyl-d14 (Surr)	55		37 - 119
2,4,6-Tribromophenol (Surr)	48		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1251			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	52	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	200000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	2400		81	100
Potassium	4900	J B	72	5000
Magnesium	18000	B	34	5000
Manganese	400	B	0.41	15
Silver	ND		2.2	10
Sodium	32000		590	5000
Nickel	ND		3.2	40
Vanadium	2.0	J	0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1839			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	100		19	50
Arsenic	1.3		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	1.2	B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1628			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1257			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	60	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	130000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	3900		81	100
Potassium	2800	J B	72	5000
Magnesium	25000	B	34	5000
Manganese	140	B	0.41	15
Silver	ND		2.2	10
Sodium	20000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	2.0	J	1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1845			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	48	J	19	50
Arsenic	1.8		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.53	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1630			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1302			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	34	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	89000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	1700		81	100
Potassium	3200	J B	72	5000
Magnesium	24000	B	34	5000
Manganese	130	B	0.41	15
Silver	ND		2.2	10
Sodium	18000		590	5000
Nickel	ND		3.2	40
Vanadium	0.81	J	0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1851			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	54		19	50
Arsenic	3.8		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.37	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1629			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1308			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	35	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	90000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	1700		81	100
Potassium	3200	J B	72	5000
Magnesium	24000	B	34	5000
Manganese	140	B	0.41	15
Silver	ND		2.2	10
Sodium	18000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1856			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	49	J	19	50
Arsenic	4.3		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.28	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6838	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1626			Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1223			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	9.1	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	26000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	980	J B	72	5000
Magnesium	7300	B	34	5000
Manganese	1.3	J B	0.41	15
Silver	ND		2.2	10
Sodium	7300		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1813			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	62		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.97	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6864	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0831			Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1459			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	37	J B	0.67	200
Beryllium	0.96	J	0.46	1.0
Calcium	110000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	7.1	J	2.2	10
Copper	ND		4.5	25
Potassium	1500	J B	72	5000
Magnesium	14000	B	34	5000
Manganese	350	B	0.41	15
Silver	ND		2.2	10
Sodium	34000		590	5000
Nickel	5.3	J	3.2	40
Vanadium	ND		0.64	50
Zinc	33	B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Analysis Method:	6010B	Analysis Batch:	240-9348	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I60721A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 0026			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	630		81	100

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1913			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	67		19	50
Arsenic	1.6		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.29	J B	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6864	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0837			Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1504			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	110	J B	0.67	200
Beryllium	0.68	J	0.46	1.0
Calcium	140000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	9.9	J	2.2	10
Copper	ND		4.5	25
Potassium	5200	B	72	5000
Magnesium	61000	B	34	5000
Manganese	48	B	0.41	15
Silver	ND		2.2	10
Sodium	39000		590	5000
Nickel	5.2	J	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Analysis Method:	6010B	Analysis Batch:	240-9348	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I60721A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 0032			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	5700		81	100

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1919			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	37	J	19	50
Arsenic	12		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.21	J B	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6864	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0836			Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643
Client Matrix: Water Date Received: 06/17/2011 1152

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9022	Instrument ID:	I5
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1510			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	69	J B	0.67	200
Beryllium	0.54	J	0.46	1.0
Calcium	47000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Potassium	1700	J B	72	5000
Magnesium	20000	B	34	5000
Manganese	34	B	0.41	15
Silver	ND		2.2	10
Sodium	19000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	19	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Analysis Method:	6010B	Analysis Batch:	240-9348	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I60721A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 0038			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	330		81	100

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1924			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	57		19	50
Arsenic	8.3		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.17	J B	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643
Client Matrix: Water Date Received: 06/17/2011 1152

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-6864	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0835			Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

General Chemistry

Client Sample ID: **GW-WT122A-061611**

Lab Sample ID: 240-1197-1 Date Sampled: 06/16/2011 0908

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	170		mg/L	0.50	5.0	5.0	300.0
Analysis Batch: 240-5890	Analysis Date: 06/23/2011 2329						
Bromide	0.081	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5890	Analysis Date: 06/23/2011 2346						
Sulfate	42		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5890	Analysis Date: 06/23/2011 2346						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1053						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

General Chemistry

Client Sample ID: **GW-WT122B-061611**

Lab Sample ID: 240-1197-3 Date Sampled: 06/16/2011 1012

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	35		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5890	Analysis Date: 06/24/2011 0003						
Bromide	0.13	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5890	Analysis Date: 06/24/2011 0003						
Sulfate	140		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5890	Analysis Date: 06/24/2011 0003						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1053						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

General Chemistry

Client Sample ID: **GW-WT122C-061611**

Lab Sample ID: 240-1197-4 Date Sampled: 06/16/2011 1112

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	33		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5909	Analysis Date: 06/24/2011 0148						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5909	Analysis Date: 06/24/2011 0148						
Sulfate	120		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5909	Analysis Date: 06/24/2011 0148						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1058						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

General Chemistry

Client Sample ID: **GW-WT122C-061611-D**

Lab Sample ID: 240-1197-5FD Date Sampled: 06/16/2011 1120

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	29		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0140						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0140						
Sulfate	120		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0140						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6328	Analysis Date: 06/27/2011 1508						
Prep Batch: 240-6240	Prep Date: 06/27/2011 1347						

General Chemistry

Client Sample ID: **GW-WT104A-061611**

Lab Sample ID: 240-1197-6 Date Sampled: 06/16/2011 1333

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	9.5		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0156						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0156						
Sulfate	21		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0156						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6045	Analysis Date: 06/24/2011 1058						
Prep Batch: 240-5983	Prep Date: 06/24/2011 1010						

General Chemistry

Client Sample ID: **GW-WT106A-061611**

Lab Sample ID: 240-1197-7 Date Sampled: 06/16/2011 1457

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	39		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0246						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0246						
Sulfate	85		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0246						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6108	Analysis Date: 06/25/2011 1107						
Prep Batch: 240-6068	Prep Date: 06/24/2011 1510						

General Chemistry

Client Sample ID: **GW-WT106B-061611**

Lab Sample ID: 240-1197-8 Date Sampled: 06/16/2011 1548

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	20		mg/L	0.50	5.0	5.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0302						
Bromide	0.26	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5909	Analysis Date: 06/24/2011 0223						
Sulfate	210		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0302						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6108	Analysis Date: 06/25/2011 1119						
Prep Batch: 240-6068	Prep Date: 06/24/2011 1510						

General Chemistry

Client Sample ID: **GW-WT106C-061611**

Lab Sample ID: 240-1197-9 Date Sampled: 06/16/2011 1643

Client Matrix: Water Date Received: 06/17/2011 1152

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	9.5		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0318						
Bromide	0.26	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0318						
Sulfate	0.60	J	mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5570	Analysis Date: 06/22/2011 0318						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6108	Analysis Date: 06/25/2011 1119						
Prep Batch: 240-6068	Prep Date: 06/24/2011 1510						

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-6070					
LCS 240-6070/4	Lab Control Sample	T	Water	8260B	
MB 240-6070/5	Method Blank	T	Water	8260B	
240-1197-1	GW-WT122A-061611	T	Water	8260B	
240-1197-2TB	TRIP BLANK-061611-002	T	Water	8260B	
240-1197-3	GW-WT122B-061611	T	Water	8260B	
240-1197-4	GW-WT122C-061611	T	Water	8260B	
240-1197-5FD	GW-WT122C-061611-D	T	Water	8260B	
240-1197-6	GW-WT104A-061611	T	Water	8260B	
240-1197-6MS	Matrix Spike	T	Water	8260B	
240-1197-6MSD	Matrix Spike Duplicate	T	Water	8260B	
240-1197-7	GW-WT106A-061611	T	Water	8260B	
Analysis Batch:240-6226					
LCS 240-6226/4	Lab Control Sample	T	Water	8260B	
MB 240-6226/5	Method Blank	T	Water	8260B	
240-1197-8	GW-WT106B-061611	T	Water	8260B	
240-1197-9	GW-WT106C-061611	T	Water	8260B	

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-5285					
LCS 240-5285/23-A	Lab Control Sample	T	Water	3520C	
MB 240-5285/22-A	Method Blank	T	Water	3520C	
240-1197-1	GW-WT122A-061611	T	Water	3520C	
240-1197-3	GW-WT122B-061611	T	Water	3520C	
240-1197-4	GW-WT122C-061611	T	Water	3520C	
240-1197-5FD	GW-WT122C-061611-D	T	Water	3520C	
240-1197-6	GW-WT104A-061611	T	Water	3520C	
240-1197-6MS	Matrix Spike	T	Water	3520C	
240-1197-6MSD	Matrix Spike Duplicate	T	Water	3520C	
240-1197-7	GW-WT106A-061611	T	Water	3520C	
240-1197-8	GW-WT106B-061611	T	Water	3520C	
240-1197-9	GW-WT106C-061611	T	Water	3520C	
Analysis Batch:240-8549					
LCS 240-5285/23-A	Lab Control Sample	T	Water	8270C	240-5285
MB 240-5285/22-A	Method Blank	T	Water	8270C	240-5285
240-1197-1	GW-WT122A-061611	T	Water	8270C	240-5285
240-1197-3	GW-WT122B-061611	T	Water	8270C	240-5285
240-1197-4	GW-WT122C-061611	T	Water	8270C	240-5285
240-1197-5FD	GW-WT122C-061611-D	T	Water	8270C	240-5285
240-1197-6	GW-WT104A-061611	T	Water	8270C	240-5285
240-1197-6MS	Matrix Spike	T	Water	8270C	240-5285
240-1197-6MSD	Matrix Spike Duplicate	T	Water	8270C	240-5285
240-1197-7	GW-WT106A-061611	T	Water	8270C	240-5285
240-1197-8	GW-WT106B-061611	T	Water	8270C	240-5285
240-1197-9	GW-WT106C-061611	T	Water	8270C	240-5285

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-6599					
LCS 240-6599/2-A	Lab Control Sample	T	Water	7470A	
MB 240-6599/1-A	Method Blank	T	Water	7470A	
240-1197-1	GW-WT122A-061611	T	Water	7470A	
240-1197-3	GW-WT122B-061611	T	Water	7470A	
240-1197-4	GW-WT122C-061611	T	Water	7470A	
240-1197-5FD	GW-WT122C-061611-D	T	Water	7470A	
Prep Batch: 240-6731					
LCS 240-6731/2-A	Lab Control Sample	T	Water	7470A	
MB 240-6731/1-A	Method Blank	T	Water	7470A	
240-1197-6	GW-WT104A-061611	T	Water	7470A	
240-1197-6MS	Matrix Spike	T	Water	7470A	
240-1197-6MSD	Matrix Spike Duplicate	T	Water	7470A	
240-1197-7	GW-WT106A-061611	T	Water	7470A	
240-1197-8	GW-WT106B-061611	T	Water	7470A	
240-1197-9	GW-WT106C-061611	T	Water	7470A	
Analysis Batch:240-6838					
LCS 240-6599/2-A	Lab Control Sample	T	Water	7470A	240-6599
MB 240-6599/1-A	Method Blank	T	Water	7470A	240-6599
240-1197-1	GW-WT122A-061611	T	Water	7470A	240-6599
240-1197-3	GW-WT122B-061611	T	Water	7470A	240-6599
240-1197-4	GW-WT122C-061611	T	Water	7470A	240-6599
240-1197-5FD	GW-WT122C-061611-D	T	Water	7470A	240-6599
Analysis Batch:240-6864					
LCS 240-6731/2-A	Lab Control Sample	T	Water	7470A	240-6731
MB 240-6731/1-A	Method Blank	T	Water	7470A	240-6731
240-1197-6	GW-WT104A-061611	T	Water	7470A	240-6731
240-1197-6MS	Matrix Spike	T	Water	7470A	240-6731
240-1197-6MSD	Matrix Spike Duplicate	T	Water	7470A	240-6731
240-1197-7	GW-WT106A-061611	T	Water	7470A	240-6731
240-1197-8	GW-WT106B-061611	T	Water	7470A	240-6731
240-1197-9	GW-WT106C-061611	T	Water	7470A	240-6731

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-8738					
LCS 240-8738/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-8738/27-A	Lab Control Sample	R	Water	3005A	
MB 240-8738/1-A	Method Blank	R	Water	3005A	
240-1197-1	GW-WT122A-061611	R	Water	3005A	
240-1197-3	GW-WT122B-061611	R	Water	3005A	
240-1197-4	GW-WT122C-061611	R	Water	3005A	
240-1197-5FD	GW-WT122C-061611-D	R	Water	3005A	
240-1197-6	GW-WT104A-061611	R	Water	3005A	
240-1197-6MS	Matrix Spike	R	Water	3005A	
240-1197-6MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1197-7	GW-WT106A-061611	R	Water	3005A	
240-1197-8	GW-WT106B-061611	R	Water	3005A	
240-1197-9	GW-WT106C-061611	R	Water	3005A	
Analysis Batch:240-9022					
LCS 240-8738/2-A	Lab Control Sample	R	Water	6010B	240-8738
MB 240-8738/1-A	Method Blank	R	Water	6010B	240-8738
240-1197-1	GW-WT122A-061611	R	Water	6010B	240-8738
240-1197-3	GW-WT122B-061611	R	Water	6010B	240-8738
240-1197-4	GW-WT122C-061611	R	Water	6010B	240-8738
240-1197-5FD	GW-WT122C-061611-D	R	Water	6010B	240-8738
240-1197-6	GW-WT104A-061611	R	Water	6010B	240-8738
240-1197-6MS	Matrix Spike	R	Water	6010B	240-8738
240-1197-6MSD	Matrix Spike Duplicate	R	Water	6010B	240-8738
240-1197-7	GW-WT106A-061611	R	Water	6010B	240-8738
240-1197-8	GW-WT106B-061611	R	Water	6010B	240-8738
240-1197-9	GW-WT106C-061611	R	Water	6010B	240-8738
Analysis Batch:240-9348					
240-1197-7	GW-WT106A-061611	R	Water	6010B	240-8738
240-1197-8	GW-WT106B-061611	R	Water	6010B	240-8738
240-1197-9	GW-WT106C-061611	R	Water	6010B	240-8738

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-9841					
LCS 240-8738/27-A	Lab Control Sample	R	Water	6020	240-8738
MB 240-8738/1-A	Method Blank	R	Water	6020	240-8738
240-1197-1	GW-WT122A-061611	R	Water	6020	240-8738
240-1197-3	GW-WT122B-061611	R	Water	6020	240-8738
240-1197-4	GW-WT122C-061611	R	Water	6020	240-8738
240-1197-5FD	GW-WT122C-061611-D	R	Water	6020	240-8738
240-1197-6	GW-WT104A-061611	R	Water	6020	240-8738
240-1197-6MS	Matrix Spike	R	Water	6020	240-8738
240-1197-6MSD	Matrix Spike Duplicate	R	Water	6020	240-8738
240-1197-7	GW-WT106A-061611	R	Water	6020	240-8738
240-1197-8	GW-WT106B-061611	R	Water	6020	240-8738
240-1197-9	GW-WT106C-061611	R	Water	6020	240-8738

Report Basis

R = Total Recoverable

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-5570					
LCS 240-5570/30	Lab Control Sample	T	Water	300.0	
LCSD 240-5570/31	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5570/29	Method Blank	T	Water	300.0	
240-1197-5FD	GW-WT122C-061611-D	T	Water	300.0	
240-1197-6	GW-WT104A-061611	T	Water	300.0	
240-1197-6MS	Matrix Spike	T	Water	300.0	
240-1197-6MSD	Matrix Spike Duplicate	T	Water	300.0	
240-1197-7	GW-WT106A-061611	T	Water	300.0	
240-1197-8	GW-WT106B-061611	T	Water	300.0	
240-1197-9	GW-WT106C-061611	T	Water	300.0	
Analysis Batch:240-5890					
LCS 240-5890/6	Lab Control Sample	T	Water	300.0	
LCSD 240-5890/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5890/5	Method Blank	T	Water	300.0	
240-1197-1	GW-WT122A-061611	T	Water	300.0	
240-1197-3	GW-WT122B-061611	T	Water	300.0	
Analysis Batch:240-5909					
LCS 240-5909/30	Lab Control Sample	T	Water	300.0	
LCSD 240-5909/31	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5909/29	Method Blank	T	Water	300.0	
240-1197-4	GW-WT122C-061611	T	Water	300.0	
240-1197-4MS	Matrix Spike	T	Water	300.0	
240-1197-8	GW-WT106B-061611	T	Water	300.0	
Prep Batch: 240-5983					
LCS 240-5983/2-A	Lab Control Sample	T	Water	9012A	
MB 240-5983/1-A	Method Blank	T	Water	9012A	
240-1197-1	GW-WT122A-061611	T	Water	9012A	
240-1197-3	GW-WT122B-061611	T	Water	9012A	
240-1197-4	GW-WT122C-061611	T	Water	9012A	
240-1197-6	GW-WT104A-061611	T	Water	9012A	
240-1197-6MS	Matrix Spike	T	Water	9012A	
240-1197-6MSD	Matrix Spike Duplicate	T	Water	9012A	
Analysis Batch:240-6045					
LCS 240-5983/2-A	Lab Control Sample	T	Water	9012A	240-5983
MB 240-5983/1-A	Method Blank	T	Water	9012A	240-5983
240-1197-1	GW-WT122A-061611	T	Water	9012A	240-5983
240-1197-3	GW-WT122B-061611	T	Water	9012A	240-5983
240-1197-4	GW-WT122C-061611	T	Water	9012A	240-5983
240-1197-6	GW-WT104A-061611	T	Water	9012A	240-5983
240-1197-6MS	Matrix Spike	T	Water	9012A	240-5983
240-1197-6MSD	Matrix Spike Duplicate	T	Water	9012A	240-5983

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 240-6068					
LCS 240-6068/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6068/1-A	Method Blank	T	Water	9012A	
240-1197-7	GW-WT106A-061611	T	Water	9012A	
240-1197-7MS	Matrix Spike	T	Water	9012A	
240-1197-7MSD	Matrix Spike Duplicate	T	Water	9012A	
240-1197-8	GW-WT106B-061611	T	Water	9012A	
240-1197-9	GW-WT106C-061611	T	Water	9012A	
Analysis Batch:240-6108					
LCS 240-6068/2-A	Lab Control Sample	T	Water	9012A	240-6068
MB 240-6068/1-A	Method Blank	T	Water	9012A	240-6068
240-1197-7	GW-WT106A-061611	T	Water	9012A	240-6068
240-1197-7MS	Matrix Spike	T	Water	9012A	240-6068
240-1197-7MSD	Matrix Spike Duplicate	T	Water	9012A	240-6068
240-1197-8	GW-WT106B-061611	T	Water	9012A	240-6068
240-1197-9	GW-WT106C-061611	T	Water	9012A	240-6068
Prep Batch: 240-6240					
LCS 240-6240/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6240/1-A	Method Blank	T	Water	9012A	
240-1197-5FD	GW-WT122C-061611-D	T	Water	9012A	
240-1197-5MS	Matrix Spike	T	Water	9012A	
240-1197-5MSD	Matrix Spike Duplicate	T	Water	9012A	
Analysis Batch:240-6328					
LCS 240-6240/2-A	Lab Control Sample	T	Water	9012A	240-6240
MB 240-6240/1-A	Method Blank	T	Water	9012A	240-6240
240-1197-5FD	GW-WT122C-061611-D	T	Water	9012A	240-6240
240-1197-5MS	Matrix Spike	T	Water	9012A	240-6240
240-1197-5MSD	Matrix Spike Duplicate	T	Water	9012A	240-6240

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-1197-1	GW-WT122A-061611	85	100	109	97
240-1197-2	TRIP BLANK-061611-002	82	98	111	90
240-1197-3	GW-WT122B-061611	86	95	108	97
240-1197-4	GW-WT122C-061611	86	97	103	97
240-1197-5	GW-WT122C-061611 -D	84	102	112	95
240-1197-6	GW-WT104A-061611	82	98	109	95
240-1197-7	GW-WT106A-061611	87	102	112	98
240-1197-8	GW-WT106B-061611	88	93	106	99
240-1197-9	GW-WT106C-061611	85	94	103	99
MB 240-6070/5		87	96	111	97
MB 240-6226/5		86	93	103	99
LCS 240-6070/4		90	102	110	96
LCS 240-6226/4		89	100	109	100
240-1197-6 MS	GW-WT104A-061611 MS	88	100	107	94
240-1197-6 MSD	GW-WT104A-061611 MSD	90	102	107	98

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Surrogate Recovery Report

8270C TCL Semivolatile Compounds (OLMO4.2)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-1197-1	GW-WT122A-061611	47	50	49	53	55	49
240-1197-3	GW-WT122B-061611	47	51	49	52	54	41
240-1197-4	GW-WT122C-061611	43	46	45	47	52	52
240-1197-5	GW-WT122C-061611 -D	44	48	46	49	52	54
240-1197-6	GW-WT104A-061611	51	56	54	57	62	32
240-1197-7	GW-WT106A-061611	45	50	49	51	55	40
240-1197-8	GW-WT106B-061611	44	51	48	52	55	51
240-1197-9	GW-WT106C-061611	45	50	48	52	55	48
MB 240-5285/22-A		57	62	61	67	69	25
LCS 240-5285/23-A		63	69	70	73	71	62
240-1197-6 MS	GW-WT104A-061611 MS	43	48	47	48	49	44
240-1197-6 MSD	GW-WT104A-061611 MSD	49	54	56	57	56	51

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	28-110
2FP = 2-Fluorophenol (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	27-111
PHL = Phenol-d5 (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	37-119
TBP = 2,4,6-Tribromophenol (Surr)	22-120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6070

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6070/5	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7196.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0014	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0014				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.34	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6070

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6070/5	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7196.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0014	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0014				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	66 - 117
Dibromofluoromethane (Surr)	96	75 - 121
1,2-Dichloroethane-d4 (Surr)	111	63 - 129
Toluene-d8 (Surr)	97	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-6070

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6070/4	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7195.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 2351	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2011 2351				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	19.5	98	43 - 136	
Benzene	10.0	9.44	94	83 - 112	
Bromoform	10.0	5.86	59	40 - 131	
Bromomethane	10.0	6.41	64	11 - 185	
2-Butanone (MEK)	20.0	20.8	104	60 - 126	
Carbon disulfide	10.0	6.83	68	62 - 142	
Carbon tetrachloride	10.0	9.73	97	66 - 128	
Chlorobenzene	10.0	9.46	95	85 - 110	
Dibromochloromethane	10.0	7.62	76	64 - 119	
Chloroethane	10.0	7.16	72	25 - 153	
Chloroform	10.0	10.2	102	79 - 117	
Chloromethane	10.0	8.01	80	44 - 126	
cis-1,2-Dichloroethene	10.0	9.49	95	80 - 113	
cis-1,3-Dichloropropene	10.0	7.85	79	61 - 115	
Cyclohexane	10.0	8.85	89	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	6.07	61	42 - 136	
1,2-Dichlorobenzene	10.0	8.59	86	81 - 110	
1,3-Dichlorobenzene	10.0	8.81	88	80 - 110	
1,4-Dichlorobenzene	10.0	8.78	88	82 - 110	
Bromodichloromethane	10.0	9.16	92	72 - 121	
Dichlorodifluoromethane	10.0	5.37	54	19 - 129	
1,1-Dichloroethane	10.0	9.72	97	82 - 115	
1,2-Dichloroethane	10.0	11.3	113	71 - 127	
1,1-Dichloroethene	10.0	9.31	93	78 - 131	
1,2-Dichloropropane	10.0	10.2	102	81 - 115	
Ethylbenzene	10.0	9.00	90	83 - 112	
1,2-Dibromoethane	10.0	8.85	89	79 - 113	
2-Hexanone	20.0	17.9	90	55 - 133	
Isopropylbenzene	10.0	8.75	88	75 - 114	
Methyl acetate	10.0	10.4	104	58 - 131	
Methylcyclohexane	10.0	8.88	89	56 - 127	
Methylene Chloride	10.0	8.86	89	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	19.5	98	63 - 128	
Methyl tert-butyl ether	10.0	8.07	81	52 - 144	
Styrene	10.0	9.09	91	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	7.32	73	68 - 118	
Tetrachloroethene	10.0	10.3	103	79 - 114	
Toluene	10.0	9.01	90	84 - 111	
trans-1,2-Dichloroethene	10.0	9.21	92	83 - 117	
trans-1,3-Dichloropropene	10.0	6.94	69	58 - 117	
1,2,4-Trichlorobenzene	10.0	7.45	75	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-6070

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6070/4	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7195.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 2351	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/24/2011 2351				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	9.22	92	74 - 118	
1,1,2-Trichloroethane	10.0	9.06	91	80 - 112	
Trichloroethene	10.0	11.2	112	76 - 117	
Trichlorofluoromethane	10.0	11.1	111	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.8	108	74 - 151	
Vinyl chloride	10.0	7.62	76	53 - 127	
m-Xylene & p-Xylene	20.0	17.5	88	83 - 113	
o-Xylene	10.0	8.82	88	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	90	66 - 117
Dibromofluoromethane (Surr)	102	75 - 121
1,2-Dichloroethane-d4 (Surr)	110	63 - 129
Toluene-d8 (Surr)	96	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6070

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7217.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0805			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0805				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7218.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0828			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0828				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	77	81	33 - 145	5	30		
Benzene	89	92	72 - 121	3	30		
Bromoform	53	56	32 - 128	6	30		
Bromomethane	53	62	10 - 186	16	30		
2-Butanone (MEK)	107	119	54 - 129	11	30		
Carbon disulfide	63	69	57 - 147	8	30		
Carbon tetrachloride	91	95	59 - 129	5	30		
Chlorobenzene	89	91	80 - 110	2	30		
Dibromochloromethane	70	73	56 - 118	3	30		
Chloroethane	60	70	21 - 165	16	30		
Chloroform	97	98	76 - 118	1	30		
Chloromethane	76	76	33 - 132	0	30		
cis-1,2-Dichloroethene	87	91	70 - 120	4	30		
cis-1,3-Dichloropropene	68	69	51 - 110	3	30		
Cyclohexane	82	83	49 - 123	2	30		
1,2-Dibromo-3-Chloropropane	53	53	32 - 139	1	30		
1,2-Dichlorobenzene	82	86	75 - 111	5	30		
1,3-Dichlorobenzene	84	88	73 - 110	5	30		
1,4-Dichlorobenzene	83	86	75 - 110	4	30		
Bromodichloromethane	85	89	67 - 120	4	30		
Dichlorodifluoromethane	47	50	17 - 128	6	30		
1,1-Dichloroethane	89	92	79 - 116	3	30		
1,2-Dichloroethane	104	108	68 - 129	4	30		
1,1-Dichloroethene	88	92	74 - 135	5	30		
1,2-Dichloropropane	98	99	78 - 115	1	30		
Ethylbenzene	83	86	75 - 116	3	30		
1,2-Dibromoethane	81	84	74 - 113	4	30		
2-Hexanone	80	80	47 - 139	1	30		
Isopropylbenzene	82	85	68 - 116	5	30		
Methyl acetate	73	77	47 - 130	6	30	J	J
Methylcyclohexane	73	77	49 - 127	5	30		
Methylene Chloride	76	79	63 - 128	4	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6070

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7217.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0805			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0805				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-6070	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7218.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/25/2011 0828			Final Weight/Volume:	5 mL
Prep Date:	06/25/2011 0828				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone (MIBK)	85	89	56 - 131	4	30		
Methyl tert-butyl ether	71	76	46 - 144	7	30		
Styrene	82	84	71 - 117	3	30		
1,1,2,2-Tetrachloroethane	68	74	63 - 122	8	30		
Tetrachloroethene	98	99	70 - 117	1	30		
Toluene	86	87	78 - 114	2	30		
trans-1,2-Dichloroethene	86	90	80 - 119	5	30		
trans-1,3-Dichloropropene	58	63	46 - 116	7	30		
1,2,4-Trichlorobenzene	65	72	38 - 138	10	30		
1,1,1-Trichloroethane	88	94	68 - 121	7	30		
1,1,2-Trichloroethane	87	85	75 - 115	2	30		
Trichloroethene	103	108	66 - 120	5	30		
Trichlorofluoromethane	103	111	46 - 157	7	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	90	98	70 - 152	8	30		
Vinyl chloride	73	76	49 - 130	4	30		
m-Xylene & p-Xylene	84	87	75 - 117	3	30		
o-Xylene	83	87	76 - 116	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	90	66 - 117
Dibromofluoromethane (Surr)	100	102	75 - 121
1,2-Dichloroethane-d4 (Surr)	107	107	63 - 129
Toluene-d8 (Surr)	94	98	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6226

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6226/5	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7222.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1505	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1505				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6226

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6226/5	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7222.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1505	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1505				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	86	66 - 117
Dibromofluoromethane (Surr)	93	75 - 121
1,2-Dichloroethane-d4 (Surr)	103	63 - 129
Toluene-d8 (Surr)	99	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-6226

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6226/4	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7224.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1551	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1551				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	15.4	77	43 - 136	
Benzene	10.0	8.92	89	83 - 112	
Bromoform	10.0	6.67	67	40 - 131	
Bromomethane	10.0	5.08	51	11 - 185	
2-Butanone (MEK)	20.0	19.2	96	60 - 126	
Carbon disulfide	10.0	6.75	68	62 - 142	
Carbon tetrachloride	10.0	9.80	98	66 - 128	
Chlorobenzene	10.0	9.90	99	85 - 110	
Dibromochloromethane	10.0	8.46	85	64 - 119	
Chloroethane	10.0	5.82	58	25 - 153	
Chloroform	10.0	9.61	96	79 - 117	
Chloromethane	10.0	7.66	77	44 - 126	
cis-1,2-Dichloroethene	10.0	8.68	87	80 - 113	
cis-1,3-Dichloropropene	10.0	8.08	81	61 - 115	
Cyclohexane	10.0	8.81	88	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	6.44	64	42 - 136	
1,2-Dichlorobenzene	10.0	9.42	94	81 - 110	
1,3-Dichlorobenzene	10.0	9.51	95	80 - 110	
1,4-Dichlorobenzene	10.0	9.47	95	82 - 110	
Bromodichloromethane	10.0	8.94	89	72 - 121	
Dichlorodifluoromethane	10.0	5.80	58	19 - 129	
1,1-Dichloroethane	10.0	9.09	91	82 - 115	
1,2-Dichloroethane	10.0	10.8	108	71 - 127	
1,1-Dichloroethene	10.0	8.64	86	78 - 131	
1,2-Dichloropropane	10.0	9.79	98	81 - 115	
Ethylbenzene	10.0	9.15	92	83 - 112	
1,2-Dibromoethane	10.0	9.21	92	79 - 113	
2-Hexanone	20.0	18.4	92	55 - 133	
Isopropylbenzene	10.0	9.12	91	75 - 114	
Methyl acetate	10.0	9.29	93	58 - 131	J
Methylcyclohexane	10.0	8.62	86	56 - 127	
Methylene Chloride	10.0	7.72	77	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	18.4	92	63 - 128	
Methyl tert-butyl ether	10.0	7.71	77	52 - 144	
Styrene	10.0	9.19	92	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	8.19	82	68 - 118	
Tetrachloroethene	10.0	10.9	109	79 - 114	
Toluene	10.0	9.24	92	84 - 111	
trans-1,2-Dichloroethene	10.0	8.73	87	83 - 117	
trans-1,3-Dichloropropene	10.0	7.96	80	58 - 117	
1,2,4-Trichlorobenzene	10.0	8.09	81	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-6226

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6226/4	Analysis Batch:	240-6226	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7224.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/27/2011 1551	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/27/2011 1551				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	8.98	90	74 - 118	
1,1,2-Trichloroethane	10.0	9.66	97	80 - 112	
Trichloroethene	10.0	10.7	107	76 - 117	
Trichlorofluoromethane	10.0	10.9	109	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.7	107	74 - 151	
Vinyl chloride	10.0	7.14	71	53 - 127	
m-Xylene & p-Xylene	20.0	18.5	93	83 - 113	
o-Xylene	10.0	9.28	93	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	89	66 - 117
Dibromofluoromethane (Surr)	100	75 - 121
1,2-Dichloroethane-d4 (Surr)	109	63 - 129
Toluene-d8 (Surr)	100	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-5285

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5285/22-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1322	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.939	J	0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-5285

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5285/22-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1322	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	57	28 - 110
2-Fluorophenol (Surr)	62	10 - 110
Nitrobenzene-d5 (Surr)	61	27 - 111
Phenol-d5 (Surr)	67	10 - 110
Terphenyl-d14 (Surr)	69	37 - 119
2,4,6-Tribromophenol (Surr)	25	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-5285

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5285/23-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1341	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	12.1	61	40 - 110	
Acenaphthylene	20.0	12.2	61	43 - 110	
Anthracene	20.0	12.2	61	54 - 114	
Benzo[a]anthracene	20.0	12.2	61	55 - 115	
Benzo[a]pyrene	20.0	10.5	52	43 - 116	
Benzo[b]fluoranthene	20.0	12.4	62	43 - 122	
Benzo[g,h,i]perylene	20.0	12.4	62	45 - 120	
Benzo[k]fluoranthene	20.0	12.3	62	43 - 124	
1,1'-Biphenyl	20.0	12.1	60	50 - 130	
Bis(2-chloroethoxy)methane	20.0	14.0	70	39 - 110	
Bis(2-chloroethyl)ether	20.0	13.3	66	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	14.6	73	36 - 163	
4-Bromophenyl phenyl ether	20.0	12.5	62	51 - 114	
Butyl benzyl phthalate	20.0	12.2	61	53 - 126	
Caprolactam	20.0	14.2	71	50 - 130	
Carbazole	20.0	12.4	62	53 - 120	
4-Chloroaniline	20.0	12.4	62	10 - 110	
4-Chloro-3-methylphenol	20.0	13.9	69	39 - 110	
2-Chloronaphthalene	20.0	12.1	60	39 - 110	
2-Chlorophenol	20.0	13.5	68	27 - 110	
4-Chlorophenyl phenyl ether	20.0	13.0	65	50 - 115	
Chrysene	20.0	12.6	63	55 - 115	
Dibenz(a,h)anthracene	20.0	12.3	62	46 - 122	
Dibenzofuran	20.0	12.6	63	46 - 111	
3,3'-Dichlorobenzidine	20.0	7.90	40	19 - 110	
2,4-Dichlorophenol	20.0	14.1	71	33 - 110	
Diethyl phthalate	20.0	13.3	67	33 - 134	
2,4-Dimethylphenol	20.0	10.5	52	12 - 110	
Dimethyl phthalate	20.0	13.1	65	15 - 143	
Di-n-butyl phthalate	20.0	13.3	67	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	11.0	55	28 - 112	
2,4-Dinitrophenol	20.0	8.80	44	17 - 112	
2,4-Dinitrotoluene	20.0	14.0	70	52 - 123	
Di-n-octyl phthalate	20.0	11.6	58	44 - 128	
Fluoranthene	20.0	13.1	65	54 - 122	
Fluorene	20.0	12.4	62	47 - 112	
Hexachlorobenzene	20.0	12.5	62	51 - 112	
Hexachlorobutadiene	20.0	12.1	61	13 - 110	
Hexachlorocyclopentadiene	20.0	5.42	27	10 - 110	J
Hexachloroethane	20.0	11.7	59	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	12.3	62	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-5285

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5285/23-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1341	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	13.4	67	44 - 128	
2-Methylnaphthalene	20.0	14.6	73	35 - 110	
2-Methylphenol	20.0	13.1	65	30 - 110	
Naphthalene	20.0	12.7	63	31 - 110	
2-Nitroaniline	20.0	13.1	65	43 - 130	
3-Nitroaniline	20.0	12.9	64	45 - 116	
4-Nitroaniline	20.0	13.1	66	45 - 120	
2-Nitrophenol	20.0	12.3	62	29 - 110	
4-Nitrophenol	20.0	14.8	74	12 - 130	
N-Nitrosodi-n-propylamine	20.0	13.9	69	37 - 121	
N-Nitrosodiphenylamine	20.0	11.9	59	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	14.1	71	25 - 128	
Pentachlorophenol	20.0	8.30	42	26 - 110	
Phenanthrene	20.0	12.1	60	52 - 114	
Phenol	20.0	13.9	70	14 - 112	
Pyrene	20.0	12.1	61	55 - 120	
2,4,5-Trichlorophenol	20.0	12.8	64	39 - 110	
2,4,6-Trichlorophenol	20.0	12.6	63	35 - 110	
3 & 4 Methylphenol	40.0	28.0	70	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	63	28 - 110
2-Fluorophenol (Surr)	69	10 - 110
Nitrobenzene-d5 (Surr)	70	27 - 111
Phenol-d5 (Surr)	73	10 - 110
Terphenyl-d14 (Surr)	71	37 - 119
2,4,6-Tribromophenol (Surr)	62	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-5285

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	525 mL
Analysis Date:	07/15/2011 1650			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	525 mL
Analysis Date:	07/15/2011 1709			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	44	50	36 - 110	13	30		
Acenaphthylene	43	50	39 - 110	15	30		
Anthracene	44	51	46 - 110	14	30	F	
Benzo[a]anthracene	42	49	52 - 110	14	30	F	F
Benzo[a]pyrene	35	41	33 - 110	15	30		
Benzo[b]fluoranthene	40	50	33 - 114	23	30		
Benzo[g,h,i]perylene	43	51	34 - 116	17	30		
Benzo[k]fluoranthene	48	51	32 - 121	6	30		
1,1'-Biphenyl	44	50	50 - 130	13	30	F	
Bis(2-chloroethoxy)methane	49	56	35 - 110	13	30		
Bis(2-chloroethyl)ether	51	55	27 - 110	8	30		
Bis(2-ethylhexyl) phthalate	46	53	40 - 140	15	30		
4-Bromophenyl phenyl ether	45	52	42 - 113	13	30		
Butyl benzyl phthalate	42	49	51 - 121	17	30	F	F
Caprolactam	45	58	50 - 130	27	30	F	
Carbazole	44	51	49 - 114	15	30	F	
4-Chloroaniline	43	50	10 - 110	16	30		
4-Chloro-3-methylphenol	48	57	33 - 110	17	30		
2-Chloronaphthalene	44	50	34 - 110	13	30		
2-Chlorophenol	48	56	26 - 110	15	30		
4-Chlorophenyl phenyl ether	47	54	43 - 113	15	30		
Chrysene	46	53	52 - 111	15	30	F	
Dibenz(a,h)anthracene	42	50	35 - 118	17	30		
Dibenzofuran	45	52	41 - 110	15	30		
3,3'-Dichlorobenzidine	22	25	10 - 110	11	30	J	
2,4-Dichlorophenol	49	56	30 - 110	15	30		
Diethyl phthalate	48	55	33 - 130	15	30		
2,4-Dimethylphenol	39	45	11 - 110	14	30		
Dimethyl phthalate	47	54	36 - 124	14	30		
Di-n-butyl phthalate	47	55	50 - 117	17	30	F	
4,6-Dinitro-2-methylphenol	30	39	25 - 110	27	30		
2,4-Dinitrophenol	27	32	11 - 119	20	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-5285

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	525 mL
Analysis Date:	07/15/2011 1650			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5285	Lab File ID:	0715026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	525 mL
Analysis Date:	07/15/2011 1709			Final Weight/Volume:	2.00 mL
Prep Date:	06/20/2011 0754			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrotoluene	50	58	46 - 119	15	30		
Di-n-octyl phthalate	39	47	36 - 124	19	30		
Fluoranthene	47	54	53 - 111	14	30	F	
Fluorene	45	51	43 - 110	14	30		
Hexachlorobenzene	46	52	40 - 113	12	30		
Hexachlorobutadiene	45	51	14 - 110	14	30		
Hexachlorocyclopentadiene	17	20	10 - 110	17	30	J	J
Hexachloroethane	44	49	10 - 110	12	30		
Indeno[1,2,3-cd]pyrene	43	49	36 - 116	14	30		
Isophorone	47	56	34 - 125	16	30		
2-Methylnaphthalene	54	61	35 - 110	12	30		
2-Methylphenol	46	53	26 - 110	14	30		
Naphthalene	46	53	32 - 110	14	30		
2-Nitroaniline	46	54	31 - 129	17	30		
3-Nitroaniline	45	53	23 - 112	16	30		
4-Nitroaniline	45	54	26 - 115	18	30		
2-Nitrophenol	44	54	30 - 110	22	30		
4-Nitrophenol	37	48	13 - 127	27	30		
N-Nitrosodi-n-propylamine	50	58	25 - 119	14	30		
N-Nitrosodiphenylamine	41	47	28 - 118	14	30		
2,2'-oxybis[1-chloropropane]	53	61	25 - 128	14	30		
Pentachlorophenol	22	31	23 - 110	32	30	J F	F
Phenanthrene	44	50	47 - 110	14	30	F	
Phenol	50	57	16 - 110	13	30		
Pyrene	43	50	54 - 115	16	30	F	F
2,4,5-Trichlorophenol	46	52	36 - 110	13	30		
2,4,6-Trichlorophenol	44	52	34 - 110	16	30		
3 & 4 Methylphenol	49	57	25 - 110	15	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	43	49	28 - 110
2-Fluorophenol (Surr)	48	54	10 - 110

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	47	56	27 - 111
Phenol-d5 (Surr)	48	57	10 - 110
Terphenyl-d14 (Surr)	49	56	37 - 119
2,4,6-Tribromophenol (Surr)	44	51	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-8738

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8738/1-A	Analysis Batch:	240-9022	Instrument ID:	I5
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1159	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	1.80	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	386	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	5.06	J	4.5	25
Iron	ND		81	100
Potassium	137	J	72	5000
Magnesium	88.8	J	34	5000
Manganese	1.00	J	0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	14.1	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Lab Control Sample - Batch: 240-8738

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8738/2-A	Analysis Batch:	240-9022	Instrument ID:	I5
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1204	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	2090	105	80 - 120	
Beryllium	50.0	55.2	110	80 - 120	
Calcium	50000	51800	104	80 - 120	
Cadmium	50.0	52.5	105	80 - 120	
Cobalt	500	529	106	80 - 120	
Chromium	200	214	107	80 - 120	
Copper	250	265	106	80 - 120	
Iron	1000	1130	113	80 - 120	
Potassium	50000	47500	95	80 - 120	
Magnesium	50000	51200	102	80 - 120	
Manganese	500	559	112	80 - 120	
Silver	50.0	48.8	98	80 - 120	
Sodium	50000	50200	100	80 - 120	
Nickel	500	457	91	80 - 120	
Vanadium	500	535	107	80 - 120	
Zinc	500	534	107	80 - 120	
Lead	500	528	106	80 - 120	
Selenium	2000	2090	104	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8738

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-9022	Instrument ID:	I5
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1228			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-9022	Instrument ID:	I5
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I50719A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1234			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Barium	109	109	75 - 125	0	20		
Beryllium	106	107	75 - 125	0	20		
Calcium	97	97	75 - 125	0	20		
Cadmium	99	100	75 - 125	1	20		
Cobalt	102	102	75 - 125	0	20		
Chromium	104	104	75 - 125	0	20		
Copper	109	109	75 - 125	0	20		
Iron	109	108	75 - 125	1	20		
Potassium	102	102	75 - 125	0	20		
Magnesium	97	98	75 - 125	0	20		
Manganese	109	109	75 - 125	0	20		
Silver	101	103	75 - 125	2	20		
Sodium	104	104	75 - 125	0	20		
Nickel	89	90	75 - 125	1	20		
Vanadium	106	106	75 - 125	0	20		
Zinc	103	103	75 - 125	0	20		
Lead	100	100	75 - 125	0	20		
Selenium	101	101	75 - 125	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-8738

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8738/1-A	Analysis Batch:	240-9841	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1800	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.388	J	0.14	1.0

Lab Control Sample - Batch: 240-8738

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8738/27-A	Analysis Batch:	240-9841	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1806	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0743				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9040	90	80 - 120	
Arsenic	1000	940	94	80 - 120	
Antimony	100	98.2	98	80 - 120	
Thallium	1000	949	95	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8738

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-9841	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1825			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-9841	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8738	Lab File ID:	I80726A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1832			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0736				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	93	93	63 - 128	0	20		
Arsenic	94	94	82 - 123	0	20		
Antimony	101	100	44 - 153	1	20		
Thallium	98	97	69 - 117	1	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6599

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-6599/1-A	Analysis Batch:	240-6838	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1556	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-6599

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-6599/2-A	Analysis Batch:	240-6838	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6599	Lab File ID:	HG10630B.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	06/30/2011 1557	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/29/2011 1540				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.81	96	81 - 123	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6731

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-6731/1-A	Analysis Batch:	240-6864	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0828	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-6731

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-6731/2-A	Analysis Batch:	240-6864	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0829	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	5.10	102	81 - 123	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6731

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-6864	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0832			Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-6864	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-6731	Lab File ID:	HG10701A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/01/2011 0833			Final Weight/Volume:	100 mL
Prep Date:	06/30/2011 1435				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	102	97	69 - 134	5	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-5570

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5570/29	Analysis Batch:	240-5570	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	29240-0001260-029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2011 0051	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5570

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5570/30	Analysis Batch:	240-5570	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30240-0001260-030.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2011 0107	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5570/31	Analysis Batch:	240-5570	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	31240-0001260-031.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2011 0123	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	93	93	90 - 110	1	20		
Bromide	95	95	90 - 110	1	20		
Sulfate	94	93	90 - 110	1	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-5570

Method: 300.0
Preparation: N/A

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-5570	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	34240-0001260-034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2011 0213			Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-5570	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	35240-0001260-035.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/22/2011 0229			Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	103	100	80 - 120	3	20		
Bromide	103	99	80 - 120	4	20		
Sulfate	105	101	80 - 120	3	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-5890

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5890/5	Analysis Batch:	240-5890	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001332-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2011 1758	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5890

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5890/6	Analysis Batch:	240-5890	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001332-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2011 1815	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5890/7	Analysis Batch:	240-5890	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001332-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/23/2011 1833	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	97	97	90 - 110	0	20		
Sulfate	98	98	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-5909

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5909/29	Analysis Batch:	240-5909	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	29240-0001332-029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 0056	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5909

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5909/30	Analysis Batch:	240-5909	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30240-0001332-030.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 0113	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5909/31	Analysis Batch:	240-5909	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	31240-0001332-031.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 0130	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	97	97	90 - 110	0	20		
Sulfate	98	98	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Matrix Spike - Batch: 240-5909

Method: 300.0
Preparation: N/A

Lab Sample ID:	240-1197-4	Analysis Batch:	240-5909	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	33240-0001332-033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 0205	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	33	50.0	91.8	118	80 - 120	
Bromide	ND	10.0	10.5	105	80 - 120	
Sulfate	120	50.0	186	123	80 - 120	F

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-5983

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-5983/1-A	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5983	Lab File ID:	cn062411a.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/24/2011 1047	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1010				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-5983

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-5983/2-A	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5983	Lab File ID:	cn062411a.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/24/2011 1101	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1010				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.393	0.412	105	69 - 118	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-5983

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	240-1197-6	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5983	Lab File ID:	cn062411a.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/24/2011 1058			Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1010				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-6	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-5983	Lab File ID:	cn062411a.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/24/2011 1058			Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1010				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	101	96	42 - 140	5	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Reporting Limit Check - Batch: 240-6045

Method: 9012A
Preparation: N/A

Lab Sample ID:	MRL 240-6045/6	Analysis Batch:	240-6045	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	cn062411a.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	06/24/2011 0950	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.00500	ND	93	70 - 130	

Method Blank - Batch: 240-6068

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6068/1-A	Analysis Batch:	240-6108	Instrument ID:	BARNEY
Client Matrix:	Water	Prep Batch:	240-6068	Lab File ID:	cn062511.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/25/2011 1118	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1510				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6068

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6068/2-A	Analysis Batch:	240-6108	Instrument ID:	BARNEY
Client Matrix:	Water	Prep Batch:	240-6068	Lab File ID:	cn062511.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/25/2011 1044	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1510				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.393	0.430	109	69 - 118	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6068

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	240-1197-7	Analysis Batch:	240-6108	Instrument ID:	BARNEY
Client Matrix:	Water	Prep Batch:	240-6068	Lab File ID:	cn062511.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/25/2011 1107			Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1510				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-7	Analysis Batch:	240-6108	Instrument ID:	BARNEY
Client Matrix:	Water	Prep Batch:	240-6068	Lab File ID:	cn062511.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/25/2011 1107			Final Weight/Volume:	25 mL
Prep Date:	06/24/2011 1510				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	71	101	42 - 140	34	20		F

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Reporting Limit Check - Batch: 240-6108

Method: 9012A
Preparation: N/A

Lab Sample ID:	MRL 240-6108/6	Analysis Batch:	240-6108	Instrument ID:	BARNEY
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	cn062511.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	06/25/2011 0951	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.00500	ND	70	70 - 130	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Blank - Batch: 240-6240

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6240/1-A	Analysis Batch:	240-6328	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6240	Lab File ID:	cn062711.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/27/2011 1623	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/27/2011 1347				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	0.0129		0.0050	0.010

Lab Control Sample - Batch: 240-6240

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6240/2-A	Analysis Batch:	240-6328	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6240	Lab File ID:	cn062711.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/27/2011 1515	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/27/2011 1347				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.393	0.385	98	69 - 118	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6240

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	240-1197-5	Analysis Batch:	240-6328	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6240	Lab File ID:	cn062711.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/27/2011 1508			Final Weight/Volume:	25 mL
Prep Date:	06/27/2011 1347				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1197-5	Analysis Batch:	240-6328	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6240	Lab File ID:	cn062711.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/27/2011 1508			Final Weight/Volume:	25 mL
Prep Date:	06/27/2011 1347				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	95	99	42 - 140	4	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1197-1

Method Reporting Limit Check - Batch: 240-6328

Method: 9012A
Preparation: N/A

Lab Sample ID:	MRL 240-6328/12	Analysis Batch:	240-6328	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	cn062711.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	06/27/2011 1255	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.00500	ND	91	70 - 130	

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 039611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Ranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	6/16/11	908	GW-WT122A-061611	Water	6	X	X	X	X	X	X	
2		915	TRIP BLANK-061611-002		1	X						
3		1012	GW-WT122B-061611		6	X	X	X	X	X	X	
4		1112	GW-WT122C-061611		6	X	X	X	X	X	X	
5		1120	GW-WT122C-061611-D		6	X	X	X	X	X	X	
6		1333	GW-WT104A-061611		15	X	X	X	X	X	X	MS/MSD
7		1457	GW-WT106A-061611		6	X	X	X	X	X	X	
8		1546	GW-WT106B-061611		6	X	X	X	X	X	X	
9	6/16/11	1643	GW-WT106C-061611	Water	6	X	X	X	X	X	X	
			TOTAL NUMBER OF CONTAINERS		58							

RELINQUISHED BY: ① Tim Ranger	DATE: 6/16/11 TIME: 1800	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4456

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Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Ranger, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 6/17/11 TIME: 915

2535

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: 8260	REMARKS
1	6/16/11	908	GW-WT122A-061611	Water	2	X	
2	"	1012	GW-WT122B-061611	"	2	X	
3	"	1112	GW-WT122C-061611	"	2	X	
4	"	1120	GW-WT122C-061611-D	"	2	X	
5	6/16/11	1333	GW-WT122C-061611	Water	4	X	MS/MSD
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: ① _____	DATE: 6/16/11 TIME: 1800	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4456

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 6/17/11 TIME: 915

2415

400001-00(SOURCE)GN-CO007

07/31/2011

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HTMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOC	REMARKS
1	6/16/11	1457	GW-WT106A-061611	Water	2	X	
2	6/16/11	1548	GW-WT106B-061611	Water	2	X	
3	6/16/11	1643	GW-WT106C-061611	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		6		

RELINQUISHED BY: ① _____	DATE: 6/16/11 TIME: 1800	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4456

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Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Nick Hill

RECEIVED FOR LABORATORY BY: _____ 2534

DATE: 6/17/11 TIME: 915

400001-00(SOURCE)GN-CO007

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 240-1197
North Canton Facility

Client CRA Project Himco By: (Signature)
Cooler Received on 6/17/11 Opened on 6/17/11
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other
TestAmerica Cooler # Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other
1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 3 Quantity Unsalvageable
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions?
2. Shippers' packing slip attached to the cooler(s)? Yes ☐ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other
6. Cooler temperature upon receipt °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☑ Other ☐
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☐ No ☑
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☐ No ☑
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM DDH Date 6/17/11 by CSL via Verbal ☐ Voice Mail ☒ Other ☐
Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) 240 122A 240 122B were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
908	L2 712	6/17/11	CSL
1012	L2 712		
1112	L2 712		
1120	L2 712		
1333	L2 L2 712 712		
1457	L2 712		
1548	L2 712		
1643	L2 712		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
A141	2.8	IR	Ice
L456	1.6	↓	↓
L404	2.3		

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-1197-1

Login Number: 1197

List Source: TestAmerica North Canton

List Number: 1

Creator: Livengood, Chris

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8 1.6 2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	2X40 BROKEN FOR SAMPLE 1 AND 1X40 FOR SAMPLE 3
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	ONLY 1X40 FOR SAMPLE 1 FOR VOCS
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-1256-1

Job Description: 039611-40 HIMCO

For:
Conestoga-Rovers & Associates, Inc.
6520 Corporate Drive
Indianapolis, IN 46278

Attention: Mr. Steve Day

Approved for release.
Amy L McCormick
Project Manager II
7/29/2011 5:17 PM

Amy L McCormick
Project Manager II
amy.mccormick@testamericainc.com
07/29/2011

cc: EDD CRA
CRA Tracking CRA Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Laboratories, Inc.
TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330) 497-9396 Fax (330) 497-0772 www.testamericainc.com

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 039611-40 HIMCO

Report Number: 240-1256-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/18/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2), GW-WT114C-061711 (240-1256-3) and TRIP BLANK-061711-003 (240-1256-4) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/30/2011.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2) and GW-WT114C-061711 (240-1256-3) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 07/15/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batch 5441.

No other difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2) and GW-WT114C-061711 (240-1256-3) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 07/20/2011.

Several analytes were detected in method blank MB 240-8750/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Several analytes were detected in method blank MB 240-8753/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Sodium failed the recovery criteria high for the MS of sample GW-WT114A-061711 MS (240-1256-1) in batch 240-9189.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2) and GW-WT114C-061711 (240-1256-3) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were analyzed on 07/19/2011, 07/20/2011 and 07/22/2011.

Thallium was detected in method blank MB 240-8753/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2) and GW-WT114C-061711 (240-1256-3) were analyzed for total mercury in accordance with EPA SW-846 Method 7470A. The samples were analyzed on 07/07/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2) and GW-WT114C-061711 (240-1256-3) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 06/24/2011.

Chloride and Sulfate failed the recovery criteria high for the MS of sample GW-WT114B-061711 MS (240-1256-2) in batch 240-5957.

Refer to the QC report for details.

No other difficulties were encountered during the anions analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples GW-WT114A-061711 (240-1256-1), GW-WT114B-061711 (240-1256-2) and GW-WT114C-061711 (240-1256-3) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 06/29/2011.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1256-1	**GW-WT114A-061711**					
Chloride		96		1.0	mg/L	300.0
Sulfate		50		1.0	mg/L	300.0
Total Recoverable						
Barium		110	J B	200	ug/L	6010B
Calcium		120000	B	5000	ug/L	6010B
Iron		870		100	ug/L	6010B
Potassium		2600	J B	5000	ug/L	6010B
Magnesium		23000		5000	ug/L	6010B
Manganese		280	B	15	ug/L	6010B
Sodium		210000		5000	ug/L	6010B
Nickel		4.5	J	40	ug/L	6010B
Vanadium		0.71	J	50	ug/L	6010B
Zinc		5.4	J B	20	ug/L	6010B
Aluminum		28	J	50	ug/L	6020
Arsenic		1.9		1.0	ug/L	6020
Antimony		0.28	J	2.0	ug/L	6020
Thallium		0.86	J	1.0	ug/L	6020
240-1256-2	**GW-WT114B-061711**					
cis-1,2-Dichloroethene		0.46	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.7		1.0	ug/L	8260B
1,2-Dichloropropane		0.44	J	1.0	ug/L	8260B
Chloride		41		1.0	mg/L	300.0
Sulfate		86		1.0	mg/L	300.0
Total Recoverable						
Barium		44	J B	200	ug/L	6010B
Beryllium		0.56	J	1.0	ug/L	6010B
Calcium		79000	B	5000	ug/L	6010B
Iron		2200		100	ug/L	6010B
Potassium		1300	J B	5000	ug/L	6010B
Magnesium		19000		5000	ug/L	6010B
Manganese		40	B	15	ug/L	6010B
Sodium		21000		5000	ug/L	6010B
Zinc		5.5	J B	20	ug/L	6010B
Arsenic		7.7		1.0	ug/L	6020
Thallium		0.29	J	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1256-3	**GW-WT114C-061711**					
Carbon disulfide		0.17	J	1.0	ug/L	8260B
1,1-Dichloroethane		4.1		1.0	ug/L	8260B
Chloride		31		1.0	mg/L	300.0
Sulfate		120		1.0	mg/L	300.0
Total Recoverable						
Barium		69	J B	200	ug/L	6010B
Calcium		78000	B	5000	ug/L	6010B
Iron		3400		100	ug/L	6010B
Potassium		1700	J B	5000	ug/L	6010B
Magnesium		20000		5000	ug/L	6010B
Manganese		32		15	ug/L	6010B
Sodium		15000		5000	ug/L	6010B
Zinc		5.3	J B	20	ug/L	6010B
Arsenic		20		1.0	ug/L	6020
Antimony		0.19	J	2.0	ug/L	6020
Thallium		1.0	B	1.0	ug/L	6020
240-1256-4TB	**TRIP BLANK-061711-003**					
Acetone		9.8	J	10	ug/L	8260B
Methylene Chloride		6.2		1.0	ug/L	8260B
Toluene		0.26	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
TCL VOA	TAL NC	SW846 8260B	
Purge and Trap	TAL NC		SW846 5030B
TCL Semivolatile Compounds (OLMO4.2)	TAL NC	SW846 8270C	
Liquid-Liquid Extraction (Continuous)			SW846 3520C
TAL Metals	TAL NC	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
TAL Metals	TAL NC	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
Total Mercury	TAL NC	SW846 7470A	
Preparation, Mercury			SW846 7470A
Anions, Ion Chromatography	TAL NC	MCAWW 300.0	
Total Cyanide (Automated Colorimetric]	TAL NC	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation			SW846 9012A

Lab References:

TAL NC = TestAmerica North Canton

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method	Analyst	Analyst ID
SW846 8260B	Evans, Laura	LE
SW846 8270C	Gruber, John	JG
SW846 6010B	Counts, Karen	KC
SW846 6020	Davies, Brian	BD
SW846 6020	Musselman, Natalie J	NJM
SW846 7470A	Davies, Brian	BD
MCAWW 300.0	Grossman, Lucas	LG
SW846 9012A	Woodward, Bruce	BW

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-1256-1	GW-WT114A-061711	Water	06/17/2011 0848	06/18/2011 1000
240-1256-2	GW-WT114B-061711	Water	06/17/2011 0950	06/18/2011 1000
240-1256-3	GW-WT114C-061711	Water	06/17/2011 1100	06/18/2011 1000
240-1256-4TB	TRIP BLANK-061711-003	Water	06/17/2011 0855	06/18/2011 1000

SAMPLE RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8240.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1512			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1512				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8240.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1512			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1512				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	104		66 - 117
Dibromofluoromethane (Surr)	106		75 - 121
1,2-Dichloroethane-d4 (Surr)	115		63 - 129
Toluene-d8 (Surr)	103		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8241.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1535			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.46	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	1.7		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	0.44	J	0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8241.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1535			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	105		66 - 117
Dibromofluoromethane (Surr)	109		75 - 121
1,2-Dichloroethane-d4 (Surr)	117		63 - 129
Toluene-d8 (Surr)	102		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8242.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1558			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1558				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.17	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	4.1		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8242.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1558			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1558				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	106		66 - 117
Dibromofluoromethane (Surr)	108		75 - 121
1,2-Dichloroethane-d4 (Surr)	117		63 - 129
Toluene-d8 (Surr)	104		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **TRIP BLANK-061711-003**

Lab Sample ID: 240-1256-4TB Date Sampled: 06/17/2011 0855
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8243.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1620			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1620				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.8	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	6.2		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.26	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **TRIP BLANK-061711-003**

Lab Sample ID: 240-1256-4TB Date Sampled: 06/17/2011 0855
Client Matrix: Water Date Received: 06/18/2011 1000

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8243.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1620			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1620				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	106		66 - 117
Dibromofluoromethane (Surr)	113		75 - 121
1,2-Dichloroethane-d4 (Surr)	120		63 - 129
Toluene-d8 (Surr)	107		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848
Client Matrix: Water Date Received: 06/18/2011 1000

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5441	Lab File ID:	0715030.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/15/2011 1824			Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.099	0.20
Acenaphthylene	ND		0.099	0.20
Acetophenone	ND		0.34	0.99
Anthracene	ND		0.099	0.20
Atrazine	ND		0.34	0.99
Benzaldehyde	ND		0.39	0.99
Benzo[a]anthracene	ND		0.099	0.20
Benzo[a]pyrene	ND		0.099	0.20
Benzo[b]fluoranthene	ND		0.099	0.20
Benzo[g,h,i]perylene	ND		0.099	0.20
Benzo[k]fluoranthene	ND		0.099	0.20
1,1'-Biphenyl	ND		0.79	0.99
Bis(2-chloroethoxy)methane	ND		0.32	0.99
Bis(2-chloroethyl)ether	ND		0.099	0.99
Bis(2-ethylhexyl) phthalate	ND		0.79	2.0
4-Bromophenyl phenyl ether	ND		0.79	2.0
Butyl benzyl phthalate	ND		0.79	0.99
Caprolactam	ND		0.79	5.0
Carbazole	ND		0.28	0.99
4-Chloroaniline	ND		0.79	2.0
4-Chloro-3-methylphenol	ND		0.79	2.0
2-Chloronaphthalene	ND		0.099	0.99
2-Chlorophenol	ND		0.29	0.99
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.099	0.20
Dibenz(a,h)anthracene	ND		0.099	0.20
Dibenzofuran	ND		0.099	0.99
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.79	2.0
Diethyl phthalate	ND		0.59	0.99
2,4-Dimethylphenol	ND		0.79	2.0
Dimethyl phthalate	ND		0.29	0.99
Di-n-butyl phthalate	ND		0.66	0.99
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.79	5.0
Di-n-octyl phthalate	ND		0.79	0.99
Fluoranthene	ND		0.099	0.20
Fluorene	ND		0.099	0.20
Hexachlorobenzene	ND		0.099	0.20
Hexachlorobutadiene	ND		0.27	0.99
Hexachlorocyclopentadiene	ND		0.79	9.9
Hexachloroethane	ND		0.79	0.99
Indeno[1,2,3-cd]pyrene	ND		0.099	0.20
Isophorone	ND		0.27	0.99

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848
Client Matrix: Water Date Received: 06/18/2011 1000

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5441	Lab File ID:	0715030.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/15/2011 1824			Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.099	0.20
2-Methylphenol	ND		0.79	0.99
Naphthalene	ND		0.099	0.20
2-Nitroaniline	ND		0.79	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.79	2.0
Nitrobenzene	ND		0.040	0.99
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.79	0.99
N-Nitrosodiphenylamine	ND		0.31	0.99
2,2'-oxybis[1-chloropropane]	ND		0.40	0.99
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.099	0.20
Phenol	ND		0.59	0.99
Pyrene	ND		0.099	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.79	5.0
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	48		28 - 110
2-Fluorophenol (Surr)	52		10 - 110
Nitrobenzene-d5 (Surr)	50		27 - 111
Phenol-d5 (Surr)	53		10 - 110
Terphenyl-d14 (Surr)	53		37 - 119
2,4,6-Tribromophenol (Surr)	44		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950
Client Matrix: Water Date Received: 06/18/2011 1000

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5441	Lab File ID:	0715031.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1843			Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.098	0.20
Acenaphthylene	ND		0.098	0.20
Acetophenone	ND		0.33	0.98
Anthracene	ND		0.098	0.20
Atrazine	ND		0.33	0.98
Benzaldehyde	ND		0.38	0.98
Benzo[a]anthracene	ND		0.098	0.20
Benzo[a]pyrene	ND		0.098	0.20
Benzo[b]fluoranthene	ND		0.098	0.20
Benzo[g,h,i]perylene	ND		0.098	0.20
Benzo[k]fluoranthene	ND		0.098	0.20
1,1'-Biphenyl	ND		0.78	0.98
Bis(2-chloroethoxy)methane	ND		0.31	0.98
Bis(2-chloroethyl)ether	ND		0.098	0.98
Bis(2-ethylhexyl) phthalate	ND		0.78	2.0
4-Bromophenyl phenyl ether	ND		0.78	2.0
Butyl benzyl phthalate	ND		0.78	0.98
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.98
4-Chloroaniline	ND		0.78	2.0
4-Chloro-3-methylphenol	ND		0.78	2.0
2-Chloronaphthalene	ND		0.098	0.98
2-Chlorophenol	ND		0.28	0.98
4-Chlorophenyl phenyl ether	ND		0.29	2.0
Chrysene	ND		0.098	0.20
Dibenz(a,h)anthracene	ND		0.098	0.20
Dibenzofuran	ND		0.098	0.98
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	2.0
Diethyl phthalate	ND		0.59	0.98
2,4-Dimethylphenol	ND		0.78	2.0
Dimethyl phthalate	ND		0.28	0.98
Di-n-butyl phthalate	ND		0.66	0.98
4,6-Dinitro-2-methylphenol	ND		2.4	4.9
2,4-Dinitrophenol	ND		2.4	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.98
Fluoranthene	ND		0.098	0.20
Fluorene	ND		0.098	0.20
Hexachlorobenzene	ND		0.098	0.20
Hexachlorobutadiene	ND		0.26	0.98
Hexachlorocyclopentadiene	ND		0.78	9.8
Hexachloroethane	ND		0.78	0.98
Indeno[1,2,3-cd]pyrene	ND		0.098	0.20
Isophorone	ND		0.26	0.98

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950
Client Matrix: Water Date Received: 06/18/2011 1000

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5441	Lab File ID:	0715031.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1843			Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.098	0.20
2-Methylphenol	ND		0.78	0.98
Naphthalene	ND		0.098	0.20
2-Nitroaniline	ND		0.78	2.0
3-Nitroaniline	ND		0.27	2.0
4-Nitroaniline	ND		0.78	2.0
Nitrobenzene	ND		0.039	0.98
2-Nitrophenol	ND		0.27	2.0
4-Nitrophenol	ND		2.4	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.98
N-Nitrosodiphenylamine	ND		0.30	0.98
2,2'-oxybis[1-chloropropane]	ND		0.39	0.98
Pentachlorophenol	ND		2.4	4.9
Phenanthrene	ND		0.098	0.20
Phenol	ND		0.59	0.98
Pyrene	ND		0.098	0.20
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	47		28 - 110
2-Fluorophenol (Surr)	53		10 - 110
Nitrobenzene-d5 (Surr)	50		27 - 111
Phenol-d5 (Surr)	54		10 - 110
Terphenyl-d14 (Surr)	56		37 - 119
2,4,6-Tribromophenol (Surr)	56		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100
Client Matrix: Water Date Received: 06/18/2011 1000

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5441	Lab File ID:	0715032.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1902			Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.098	0.20
Acenaphthylene	ND		0.098	0.20
Acetophenone	ND		0.33	0.98
Anthracene	ND		0.098	0.20
Atrazine	ND		0.33	0.98
Benzaldehyde	ND		0.38	0.98
Benzo[a]anthracene	ND		0.098	0.20
Benzo[a]pyrene	ND		0.098	0.20
Benzo[b]fluoranthene	ND		0.098	0.20
Benzo[g,h,i]perylene	ND		0.098	0.20
Benzo[k]fluoranthene	ND		0.098	0.20
1,1'-Biphenyl	ND		0.78	0.98
Bis(2-chloroethoxy)methane	ND		0.31	0.98
Bis(2-chloroethyl)ether	ND		0.098	0.98
Bis(2-ethylhexyl) phthalate	ND		0.78	2.0
4-Bromophenyl phenyl ether	ND		0.78	2.0
Butyl benzyl phthalate	ND		0.78	0.98
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.98
4-Chloroaniline	ND		0.78	2.0
4-Chloro-3-methylphenol	ND		0.78	2.0
2-Chloronaphthalene	ND		0.098	0.98
2-Chlorophenol	ND		0.28	0.98
4-Chlorophenyl phenyl ether	ND		0.29	2.0
Chrysene	ND		0.098	0.20
Dibenz(a,h)anthracene	ND		0.098	0.20
Dibenzofuran	ND		0.098	0.98
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	2.0
Diethyl phthalate	ND		0.59	0.98
2,4-Dimethylphenol	ND		0.78	2.0
Dimethyl phthalate	ND		0.28	0.98
Di-n-butyl phthalate	ND		0.66	0.98
4,6-Dinitro-2-methylphenol	ND		2.4	4.9
2,4-Dinitrophenol	ND		2.4	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.98
Fluoranthene	ND		0.098	0.20
Fluorene	ND		0.098	0.20
Hexachlorobenzene	ND		0.098	0.20
Hexachlorobutadiene	ND		0.26	0.98
Hexachlorocyclopentadiene	ND		0.78	9.8
Hexachloroethane	ND		0.78	0.98
Indeno[1,2,3-cd]pyrene	ND		0.098	0.20
Isophorone	ND		0.26	0.98

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100
Client Matrix: Water Date Received: 06/18/2011 1000

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Prep Method:	3520C	Prep Batch:	240-5441	Lab File ID:	0715032.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1902			Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.098	0.20
2-Methylphenol	ND		0.78	0.98
Naphthalene	ND		0.098	0.20
2-Nitroaniline	ND		0.78	2.0
3-Nitroaniline	ND		0.27	2.0
4-Nitroaniline	ND		0.78	2.0
Nitrobenzene	ND		0.039	0.98
2-Nitrophenol	ND		0.27	2.0
4-Nitrophenol	ND		2.4	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.98
N-Nitrosodiphenylamine	ND		0.30	0.98
2,2'-oxybis[1-chloropropane]	ND		0.39	0.98
Pentachlorophenol	ND		2.4	4.9
Phenanthrene	ND		0.098	0.20
Phenol	ND		0.59	0.98
Pyrene	ND		0.098	0.20
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		28 - 110
2-Fluorophenol (Surr)	54		10 - 110
Nitrobenzene-d5 (Surr)	51		27 - 111
Phenol-d5 (Surr)	55		10 - 110
Terphenyl-d14 (Surr)	58		37 - 119
2,4,6-Tribromophenol (Surr)	47		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848
Client Matrix: Water Date Received: 06/18/2011 1000

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8750	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1649			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	110	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	120000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	870		81	100
Potassium	2600	J B	72	5000
Magnesium	23000		34	5000
Manganese	280	B	0.41	15
Silver	ND		2.2	10
Sodium	210000		590	5000
Nickel	4.5	J	3.2	40
Vanadium	0.71	J	0.64	50
Zinc	5.4	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9046	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8750	Lab File ID:	I80719A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1536			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	28	J	19	50
Arsenic	1.9		0.40	1.0
Antimony	0.28	J	0.13	2.0

Analysis Method:	6020	Analysis Batch:	240-9291	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8750	Lab File ID:	I80720A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1653			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Thallium	0.86	J	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848
Client Matrix: Water Date Received: 06/18/2011 1000

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7114	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1418			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950
Client Matrix: Water Date Received: 06/18/2011 1000

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8750	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1738			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	44	J B	0.67	200
Beryllium	0.56	J	0.46	1.0
Calcium	79000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	2200		81	100
Potassium	1300	J B	72	5000
Magnesium	19000		34	5000
Manganese	40	B	0.41	15
Silver	ND		2.2	10
Sodium	21000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	5.5	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9046	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8750	Lab File ID:	I80719A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1613			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	7.7		0.40	1.0
Antimony	ND		0.13	2.0

Analysis Method:	6020	Analysis Batch:	240-9291	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8750	Lab File ID:	I80720A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1729			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Thallium	0.29	J	0.14	1.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950
Client Matrix: Water Date Received: 06/18/2011 1000

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7114	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1420			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100
Client Matrix: Water Date Received: 06/18/2011 1000

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1928			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	69	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	78000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	3400		81	100
Potassium	1700	J B	72	5000
Magnesium	20000		34	5000
Manganese	32		0.41	15
Silver	ND		2.2	10
Sodium	15000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	5.3	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9203	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1439			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	20		0.40	1.0
Antimony	0.19	J	0.13	2.0
Thallium	1.0	B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7114	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1421			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100
Client Matrix: Water Date Received: 06/18/2011 1000

7470A Total Mercury

General Chemistry

Client Sample ID: **GW-WT114A-061711**

Lab Sample ID: 240-1256-1 Date Sampled: 06/17/2011 0848

Client Matrix: Water Date Received: 06/18/2011 1000

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	96		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1503						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1446						
Sulfate	50		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1446						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6614	Analysis Date: 06/29/2011 1218						
Prep Batch: 240-6566	Prep Date: 06/29/2011 1025						

General Chemistry

Client Sample ID: **GW-WT114B-061711**

Lab Sample ID: 240-1256-2 Date Sampled: 06/17/2011 0950

Client Matrix: Water Date Received: 06/18/2011 1000

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	41		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1520						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1520						
Sulfate	86		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1520						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6614	Analysis Date: 06/29/2011 1218						
Prep Batch: 240-6566	Prep Date: 06/29/2011 1025						

General Chemistry

Client Sample ID: **GW-WT114C-061711**

Lab Sample ID: 240-1256-3 Date Sampled: 06/17/2011 1100

Client Matrix: Water Date Received: 06/18/2011 1000

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	31		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1555						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1555						
Sulfate	120		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-5957	Analysis Date: 06/24/2011 1555						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6614	Analysis Date: 06/29/2011 1218						
Prep Batch: 240-6566	Prep Date: 06/29/2011 1025						

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	F	MS or MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-6717					
LCS 240-6717/4	Lab Control Sample	T	Water	8260B	
MB 240-6717/5	Method Blank	T	Water	8260B	
240-1256-1	GW-WT114A-061711	T	Water	8260B	
240-1256-2	GW-WT114B-061711	T	Water	8260B	
240-1256-3	GW-WT114C-061711	T	Water	8260B	
240-1256-4TB	TRIP BLANK-061711-003	T	Water	8260B	
GC/MS Semi VOA					
Prep Batch: 240-5441					
LCS 240-5441/2-A	Lab Control Sample	T	Water	3520C	
MB 240-5441/1-A	Method Blank	T	Water	3520C	
240-1256-1	GW-WT114A-061711	T	Water	3520C	
240-1256-2	GW-WT114B-061711	T	Water	3520C	
240-1256-3	GW-WT114C-061711	T	Water	3520C	
Analysis Batch:240-8549					
LCS 240-5441/2-A	Lab Control Sample	T	Water	8270C	240-5441
MB 240-5441/1-A	Method Blank	T	Water	8270C	240-5441
240-1256-1	GW-WT114A-061711	T	Water	8270C	240-5441
240-1256-2	GW-WT114B-061711	T	Water	8270C	240-5441
240-1256-3	GW-WT114C-061711	T	Water	8270C	240-5441

Report Basis
T = Total

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-7114					
LCS 240-7114/2-A	Lab Control Sample	T	Water	7470A	
MB 240-7114/1-A	Method Blank	T	Water	7470A	
240-1256-1	GW-WT114A-061711	T	Water	7470A	
240-1256-2	GW-WT114B-061711	T	Water	7470A	
240-1256-3	GW-WT114C-061711	T	Water	7470A	
Analysis Batch:240-7635					
LCS 240-7114/2-A	Lab Control Sample	T	Water	7470A	240-7114
MB 240-7114/1-A	Method Blank	T	Water	7470A	240-7114
240-1256-1	GW-WT114A-061711	T	Water	7470A	240-7114
240-1256-2	GW-WT114B-061711	T	Water	7470A	240-7114
240-1256-3	GW-WT114C-061711	T	Water	7470A	240-7114
Prep Batch: 240-8750					
LCS 240-8750/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-8750/8-A	Lab Control Sample	R	Water	3005A	
MB 240-8750/1-A	Method Blank	R	Water	3005A	
240-1256-1	GW-WT114A-061711	R	Water	3005A	
240-1256-1MS	Matrix Spike	R	Water	3005A	
240-1256-1MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1256-2	GW-WT114B-061711	R	Water	3005A	
Prep Batch: 240-8753					
LCS 240-8753/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-8753/3-A	Lab Control Sample	R	Water	3005A	
MB 240-8753/1-A	Method Blank	R	Water	3005A	
240-1256-3	GW-WT114C-061711	R	Water	3005A	
240-1256-3MS	Matrix Spike	R	Water	3005A	
240-1256-3MSD	Matrix Spike Duplicate	R	Water	3005A	
Analysis Batch:240-9046					
LCS 240-8750/8-A	Lab Control Sample	R	Water	6020	240-8750
MB 240-8750/1-A	Method Blank	R	Water	6020	240-8750
240-1256-1	GW-WT114A-061711	R	Water	6020	240-8750
240-1256-1MS	Matrix Spike	R	Water	6020	240-8750
240-1256-1MSD	Matrix Spike Duplicate	R	Water	6020	240-8750
240-1256-2	GW-WT114B-061711	R	Water	6020	240-8750

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-9189					
LCS 240-8750/2-A	Lab Control Sample	R	Water	6010B	240-8750
MB 240-8750/1-A	Method Blank	R	Water	6010B	240-8750
LCS 240-8753/2-A	Lab Control Sample	R	Water	6010B	240-8753
MB 240-8753/1-A	Method Blank	R	Water	6010B	240-8753
240-1256-1	GW-WT114A-061711	R	Water	6010B	240-8750
240-1256-1MS	Matrix Spike	R	Water	6010B	240-8750
240-1256-1MSD	Matrix Spike Duplicate	R	Water	6010B	240-8750
240-1256-2	GW-WT114B-061711	R	Water	6010B	240-8750
240-1256-3	GW-WT114C-061711	R	Water	6010B	240-8753
240-1256-3MS	Matrix Spike	R	Water	6010B	240-8753
240-1256-3MSD	Matrix Spike Duplicate	R	Water	6010B	240-8753
Analysis Batch:240-9203					
LCS 240-8753/3-A	Lab Control Sample	R	Water	6020	240-8753
MB 240-8753/1-A	Method Blank	R	Water	6020	240-8753
240-1256-3	GW-WT114C-061711	R	Water	6020	240-8753
240-1256-3MS	Matrix Spike	R	Water	6020	240-8753
240-1256-3MSD	Matrix Spike Duplicate	R	Water	6020	240-8753
Analysis Batch:240-9291					
LCS 240-8750/8-A	Lab Control Sample	R	Water	6020	240-8750
MB 240-8750/1-A	Method Blank	R	Water	6020	240-8750
240-1256-1	GW-WT114A-061711	R	Water	6020	240-8750
240-1256-1MS	Matrix Spike	R	Water	6020	240-8750
240-1256-1MSD	Matrix Spike Duplicate	R	Water	6020	240-8750
240-1256-2	GW-WT114B-061711	R	Water	6020	240-8750

Report Basis

R = Total Recoverable

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-5957					
LCS 240-5957/6	Lab Control Sample	T	Water	300.0	
LCSD 240-5957/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-5957/5	Method Blank	T	Water	300.0	
240-1256-1	GW-WT114A-061711	T	Water	300.0	
240-1256-2	GW-WT114B-061711	T	Water	300.0	
240-1256-2MS	Matrix Spike	T	Water	300.0	
240-1256-3	GW-WT114C-061711	T	Water	300.0	
Prep Batch: 240-6566					
LCS 240-6566/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6566/1-A	Method Blank	T	Water	9012A	
240-1256-1	GW-WT114A-061711	T	Water	9012A	
240-1256-2	GW-WT114B-061711	T	Water	9012A	
240-1256-3	GW-WT114C-061711	T	Water	9012A	
Analysis Batch:240-6614					
LCS 240-6566/2-A	Lab Control Sample	T	Water	9012A	240-6566
MB 240-6566/1-A	Method Blank	T	Water	9012A	240-6566
240-1256-1	GW-WT114A-061711	T	Water	9012A	240-6566
240-1256-2	GW-WT114B-061711	T	Water	9012A	240-6566
240-1256-3	GW-WT114C-061711	T	Water	9012A	240-6566

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-1256-1	GW-WT114A-061711	104	106	115	103
240-1256-2	GW-WT114B-061711	105	109	117	102
240-1256-3	GW-WT114C-061711	106	108	117	104
240-1256-4	TRIP BLANK-061711-003	106	113	120	107
MB 240-6717/5		104	104	113	100
LCS 240-6717/4		109	111	114	103

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Surrogate Recovery Report

8270C TCL Semivolatile Compounds (OLMO4.2)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-1256-1	GW-WT114A-061711	48	52	50	53	53	44
240-1256-2	GW-WT114B-061711	47	53	50	54	56	56
240-1256-3	GW-WT114C-061711	49	54	51	55	58	47
MB 240-5441/1-A		57	65	60	65	67	24
LCS 240-5441/2-A		65	71	72	75	76	67

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	28-110
2FP = 2-Fluorophenol (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	27-111
PHL = Phenol-d5 (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	37-119
TBP = 2,4,6-Tribromophenol (Surr)	22-120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-6717

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6717/5	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8234.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1216	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1216				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-6717

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6717/5	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8234.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1216	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1216				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	104	66 - 117
Dibromofluoromethane (Surr)	104	75 - 121
1,2-Dichloroethane-d4 (Surr)	113	63 - 129
Toluene-d8 (Surr)	100	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-6717

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6717/4	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8235.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1303	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1303				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	25.0	125	43 - 136	
Benzene	10.0	9.80	98	83 - 112	
Bromoform	10.0	8.47	85	40 - 131	
Bromomethane	10.0	7.14	71	11 - 185	
2-Butanone (MEK)	20.0	20.9	105	60 - 126	
Carbon disulfide	10.0	10.3	103	62 - 142	
Carbon tetrachloride	10.0	10.9	109	66 - 128	
Chlorobenzene	10.0	8.85	89	85 - 110	
Dibromochloromethane	10.0	9.47	95	64 - 119	
Chloroethane	10.0	8.33	83	25 - 153	
Chloroform	10.0	10.4	104	79 - 117	
Chloromethane	10.0	8.05	81	44 - 126	
cis-1,2-Dichloroethene	10.0	9.41	94	80 - 113	
cis-1,3-Dichloropropene	10.0	9.19	92	61 - 115	
Cyclohexane	10.0	10.5	105	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	9.62	96	42 - 136	
1,2-Dichlorobenzene	10.0	8.68	87	81 - 110	
1,3-Dichlorobenzene	10.0	8.45	85	80 - 110	
1,4-Dichlorobenzene	10.0	8.47	85	82 - 110	
Bromodichloromethane	10.0	10.0	100	72 - 121	
Dichlorodifluoromethane	10.0	5.74	57	19 - 129	
1,1-Dichloroethane	10.0	10.1	101	82 - 115	
1,2-Dichloroethane	10.0	10.9	109	71 - 127	
1,1-Dichloroethene	10.0	10.8	108	78 - 131	
1,2-Dichloropropane	10.0	9.47	95	81 - 115	
Ethylbenzene	10.0	8.96	90	83 - 112	
1,2-Dibromoethane	10.0	9.26	93	79 - 113	
2-Hexanone	20.0	20.2	101	55 - 133	
Isopropylbenzene	10.0	8.86	89	75 - 114	
Methyl acetate	10.0	10.6	106	58 - 131	
Methylcyclohexane	10.0	10.3	103	56 - 127	
Methylene Chloride	10.0	10.1	101	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	20.6	103	63 - 128	
Methyl tert-butyl ether	10.0	9.26	93	52 - 144	
Styrene	10.0	9.17	92	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	9.04	90	68 - 118	
Tetrachloroethene	10.0	8.77	88	79 - 114	
Toluene	10.0	9.30	93	84 - 111	
trans-1,2-Dichloroethene	10.0	9.98	100	83 - 117	
trans-1,3-Dichloropropene	10.0	9.19	92	58 - 117	
1,2,4-Trichlorobenzene	10.0	7.87	79	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-6717

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6717/4	Analysis Batch:	240-6717	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8235.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1303	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1303				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	10.6	106	74 - 118	
1,1,2-Trichloroethane	10.0	9.28	93	80 - 112	
Trichloroethene	10.0	9.31	93	76 - 117	
Trichlorofluoromethane	10.0	11.0	110	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.3	113	74 - 151	
Vinyl chloride	10.0	8.18	82	53 - 127	
m-Xylene & p-Xylene	20.0	18.3	92	83 - 113	
o-Xylene	10.0	9.05	91	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	109	66 - 117
Dibromofluoromethane (Surr)	111	75 - 121
1,2-Dichloroethane-d4 (Surr)	114	63 - 129
Toluene-d8 (Surr)	103	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-5441

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5441/1-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5441	Lab File ID:	0715012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1245	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-5441

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5441/1-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5441	Lab File ID:	0715012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1245	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	57	28 - 110
2-Fluorophenol (Surr)	65	10 - 110
Nitrobenzene-d5 (Surr)	60	27 - 111
Phenol-d5 (Surr)	65	10 - 110
Terphenyl-d14 (Surr)	67	37 - 119
2,4,6-Tribromophenol (Surr)	24	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-5441

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5441/2-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5441	Lab File ID:	0715013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1304	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	13.1	66	40 - 110	
Acenaphthylene	20.0	13.1	65	43 - 110	
Anthracene	20.0	13.4	67	54 - 114	
Benzo[a]anthracene	20.0	13.3	66	55 - 115	
Benzo[a]pyrene	20.0	11.5	57	43 - 116	
Benzo[b]fluoranthene	20.0	13.9	69	43 - 122	
Benzo[g,h,i]perylene	20.0	13.6	68	45 - 120	
Benzo[k]fluoranthene	20.0	13.2	66	43 - 124	
1,1'-Biphenyl	20.0	12.9	64	50 - 130	
Bis(2-chloroethoxy)methane	20.0	14.5	72	39 - 110	
Bis(2-chloroethyl)ether	20.0	13.8	69	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	11.8	59	36 - 163	
4-Bromophenyl phenyl ether	20.0	13.6	68	51 - 114	
Butyl benzyl phthalate	20.0	13.6	68	53 - 126	
Caprolactam	20.0	15.2	76	50 - 130	
Carbazole	20.0	13.5	68	53 - 120	
4-Chloroaniline	20.0	12.9	64	10 - 110	
4-Chloro-3-methylphenol	20.0	14.6	73	39 - 110	
2-Chloronaphthalene	20.0	13.3	66	39 - 110	
2-Chlorophenol	20.0	14.5	72	27 - 110	
4-Chlorophenyl phenyl ether	20.0	14.2	71	50 - 115	
Chrysene	20.0	14.1	70	55 - 115	
Dibenz(a,h)anthracene	20.0	13.1	66	46 - 122	
Dibenzofuran	20.0	13.6	68	46 - 111	
3,3'-Dichlorobenzidine	20.0	7.46	37	19 - 110	
2,4-Dichlorophenol	20.0	14.6	73	33 - 110	
Diethyl phthalate	20.0	14.6	73	33 - 134	
2,4-Dimethylphenol	20.0	11.1	56	12 - 110	
Dimethyl phthalate	20.0	14.3	72	15 - 143	
Di-n-butyl phthalate	20.0	14.6	73	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	11.9	59	28 - 112	
2,4-Dinitrophenol	20.0	9.46	47	17 - 112	
2,4-Dinitrotoluene	20.0	15.3	76	52 - 123	
Di-n-octyl phthalate	20.0	10.7	54	44 - 128	
Fluoranthene	20.0	14.2	71	54 - 122	
Fluorene	20.0	13.4	67	47 - 112	
Hexachlorobenzene	20.0	13.8	69	51 - 112	
Hexachlorobutadiene	20.0	13.3	67	13 - 110	
Hexachlorocyclopentadiene	20.0	5.88	29	10 - 110	J
Hexachloroethane	20.0	13.4	67	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	13.2	66	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-5441

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5441/2-A	Analysis Batch:	240-8549	Instrument ID:	A4HP10
Client Matrix:	Water	Prep Batch:	240-5441	Lab File ID:	0715013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1304	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/21/2011 0858			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	14.0	70	44 - 128	
2-Methylnaphthalene	20.0	15.6	78	35 - 110	
2-Methylphenol	20.0	13.8	69	30 - 110	
Naphthalene	20.0	13.7	68	31 - 110	
2-Nitroaniline	20.0	14.2	71	43 - 130	
3-Nitroaniline	20.0	13.8	69	45 - 116	
4-Nitroaniline	20.0	14.5	73	45 - 120	
2-Nitrophenol	20.0	13.2	66	29 - 110	
4-Nitrophenol	20.0	15.5	78	12 - 130	
N-Nitrosodi-n-propylamine	20.0	14.8	74	37 - 121	
N-Nitrosodiphenylamine	20.0	12.9	65	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	15.1	76	25 - 128	
Pentachlorophenol	20.0	8.18	41	26 - 110	
Phenanthrene	20.0	13.4	67	52 - 114	
Phenol	20.0	14.9	74	14 - 112	
Pyrene	20.0	13.3	66	55 - 120	
2,4,5-Trichlorophenol	20.0	13.5	68	39 - 110	
2,4,6-Trichlorophenol	20.0	13.8	69	35 - 110	
3 & 4 Methylphenol	40.0	29.2	73	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	65	28 - 110
2-Fluorophenol (Surr)	71	10 - 110
Nitrobenzene-d5 (Surr)	72	27 - 111
Phenol-d5 (Surr)	75	10 - 110
Terphenyl-d14 (Surr)	76	37 - 119
2,4,6-Tribromophenol (Surr)	67	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-8750

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8750/1-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1637	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	1.21	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	443	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	132	J	72	5000
Magnesium	ND		34	5000
Manganese	0.568	J	0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	13.2	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-8750

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8750/2-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1643	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	1970	99	80 - 120	
Beryllium	50.0	52.0	104	80 - 120	
Calcium	50000	51200	102	80 - 120	
Cadmium	50.0	50.7	101	80 - 120	
Cobalt	500	502	100	80 - 120	
Chromium	200	205	102	80 - 120	
Copper	250	247	99	80 - 120	
Iron	1000	1060	106	80 - 120	
Potassium	50000	47400	95	80 - 120	
Magnesium	50000	50500	101	80 - 120	
Manganese	500	514	103	80 - 120	
Silver	50.0	49.4	99	80 - 120	
Sodium	50000	47300	95	80 - 120	
Nickel	500	491	98	80 - 120	
Vanadium	500	507	101	80 - 120	
Zinc	500	543	109	80 - 120	
Lead	500	493	99	80 - 120	
Selenium	2000	1960	98	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8750

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1256-1	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1701			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1256-1	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1707			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Barium	103	100	75 - 125	2	20		
Beryllium	105	103	75 - 125	2	20		
Calcium	102	92	75 - 125	3	20		
Cadmium	102	100	75 - 125	2	20		
Cobalt	102	100	75 - 125	2	20		
Chromium	104	102	75 - 125	2	20		
Copper	104	101	75 - 125	3	20		
Iron	107	107	75 - 125	0	20		
Potassium	108	105	75 - 125	3	20		
Magnesium	103	99	75 - 125	3	20		
Manganese	106	101	75 - 125	3	20		
Silver	103	101	75 - 125	2	20		
Sodium	127	106	75 - 125	4	20	4	4
Nickel	100	98	75 - 125	2	20		
Vanadium	103	101	75 - 125	2	20		
Zinc	110	108	75 - 125	2	20		
Lead	101	99	75 - 125	2	20		
Selenium	101	99	75 - 125	2	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-8753

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8753/1-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1915	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	0.944	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	329	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	123	J	72	5000
Magnesium	ND		34	5000
Manganese	ND		0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	9.85	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-8753

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8753/2-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1922	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	2120	106	80 - 120	
Beryllium	50.0	52.1	104	80 - 120	
Calcium	50000	50400	101	80 - 120	
Cadmium	50.0	50.0	100	80 - 120	
Cobalt	500	498	100	80 - 120	
Chromium	200	203	101	80 - 120	
Copper	250	259	103	80 - 120	
Iron	1000	1060	106	80 - 120	
Potassium	50000	52100	104	80 - 120	
Magnesium	50000	51000	102	80 - 120	
Manganese	500	516	103	80 - 120	
Silver	50.0	50.5	101	80 - 120	
Sodium	50000	49900	100	80 - 120	
Nickel	500	501	100	80 - 120	
Vanadium	500	504	101	80 - 120	
Zinc	500	551	110	80 - 120	
Lead	500	500	100	80 - 120	
Selenium	2000	2030	102	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8753

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1256-3	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1940			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1256-3	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1946			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Barium	106	106	75 - 125	0	20		
Beryllium	104	104	75 - 125	1	20		
Calcium	101	93	75 - 125	3	20		
Cadmium	100	99	75 - 125	1	20		
Cobalt	100	99	75 - 125	1	20		
Chromium	102	101	75 - 125	2	20		
Copper	103	103	75 - 125	0	20		
Iron	119	100	75 - 125	4	20		
Potassium	104	104	75 - 125	0	20		
Magnesium	102	99	75 - 125	2	20		
Manganese	104	103	75 - 125	1	20		
Silver	103	101	75 - 125	3	20		
Sodium	99	98	75 - 125	1	20		
Nickel	101	100	75 - 125	0	20		
Vanadium	101	100	75 - 125	1	20		
Zinc	108	108	75 - 125	0	20		
Lead	98	99	75 - 125	1	20		
Selenium	101	102	75 - 125	1	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-8750

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8750/1-A	Analysis Batch:	240-9046	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80719A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1524	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0

Method Blank - Batch: 240-8750

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8750/1-A	Analysis Batch:	240-9291	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80720A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1640	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Thallium	ND		0.14	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Lab Control Sample - Batch: 240-8750

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8750/8-A	Analysis Batch:	240-9046	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80719A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1529	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9190	92	80 - 120	
Arsenic	1000	966	97	80 - 120	
Antimony	100	101	101	80 - 120	

Lab Control Sample - Batch: 240-8750

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8750/8-A	Analysis Batch:	240-9291	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80720A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1646	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	1000	924	92	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8750

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1256-1	Analysis Batch:	240-9046	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80719A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1547			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1256-1	Analysis Batch:	240-9046	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80719A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/19/2011 1554			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	92	93	63 - 128	1	20		
Arsenic	98	100	82 - 123	2	20		
Antimony	102	104	44 - 153	2	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8750

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1256-1	Analysis Batch:	240-9291	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80720A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1703			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1256-1	Analysis Batch:	240-9291	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8750	Lab File ID:	I80720A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1710			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0827				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	101	102	69 - 117	1	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-8753

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8753/1-A	Analysis Batch:	240-9203	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1426	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.161	J	0.14	1.0

Lab Control Sample - Batch: 240-8753

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8753/3-A	Analysis Batch:	240-9203	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1431	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9770	98	80 - 120	
Arsenic	1000	999	100	80 - 120	
Antimony	100	101	101	80 - 120	
Thallium	1000	916	92	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8753

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1256-3	Analysis Batch:	240-9203	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1453			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1256-3	Analysis Batch:	240-9203	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1500			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	94	100	63 - 128	5	20		
Arsenic	96	100	82 - 123	5	20		
Antimony	98	104	44 - 153	6	20		
Thallium	92	95	69 - 117	4	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-7114

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-7114/1-A	Analysis Batch:	240-7635	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7114	Lab File ID:	HG10707A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1353	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-7114

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-7114/2-A	Analysis Batch:	240-7635	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7114	Lab File ID:	HG10707A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1354	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.43	89	81 - 123	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-5957

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-5957/5	Analysis Batch:	240-5957	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001352-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 1025	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-5957

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-5957/6	Analysis Batch:	240-5957	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001352-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 1042	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-5957/7	Analysis Batch:	240-5957	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001352-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 1059	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	96	96	90 - 110	0	20		
Sulfate	97	98	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Matrix Spike - Batch: 240-5957

Method: 300.0
Preparation: N/A

Lab Sample ID:	240-1256-2	Analysis Batch:	240-5957	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	23240-0001352-023.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/24/2011 1538	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	41	50.0	102	122	80 - 120	F
Bromide	ND	10.0	10.9	109	80 - 120	
Sulfate	86	50.0	149	127	80 - 120	F

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1256-1

Method Blank - Batch: 240-6566

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6566/1-A	Analysis Batch:	240-6614	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6566	Lab File ID:	CN062911A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/29/2011 1213	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/29/2011 1025				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6566

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6566/2-A	Analysis Batch:	240-6614	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6566	Lab File ID:	CN062911A.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/29/2011 1226	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/29/2011 1025				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.898	0.864	96	69 - 118	

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton OH

REFERENCE NUMBER: 039611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Pranger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOCs	SVOCs	Metals	Cyanide	Bromide	Chloride	Sulfate				REMARKS
1	6/17/11	848	GW-WT114A-061711	Water	8	X	X	X	X	X	X	X				
2	↓	950	GW-WT114B-061711	↓	8	X	X	X	X	X	X	X				
3	↓	1100	GW-WT114C-061711	↓	8	X	X	X	X	X	X	X				
4	6/17/11	855	TRIP BLANK-061711-003	Water	1	X										
			TOTAL NUMBER OF CONTAINERS		25											

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
① [signature]	DATE: 6/17/11 TIME: 1300	②	DATE: TIME:
②	DATE: TIME:	③	DATE: TIME:
③	DATE: TIME:	④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4467

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Pranger, Nick Hill

RECEIVED FOR LABORATORY BY: Denny Burns
DATE: 6/18/11 TIME: 1000

2536

400001-00(SOURCE)GN-CO007

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project AIMCO By: [signature]
Cooler Received on 6/18/11 Opened on 6-20-11 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # 285 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other_____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 2 Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt 3.2 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☐ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
114 A	<2 7-2	6-20-11	[initials]
B	<2 7-2	"	"
C	<2 7-2	"	"

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-1256-1

Login Number: 1256

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-1315-1

Job Description: 39611-40 HIMCO

For:
Conestoga-Rovers & Associates, Inc.
6520 Corporate Drive
Indianapolis, IN 46278

Attention: Mr. Steve Day

Approved for release.
Amy L McCormick
Project Manager II
7/29/2011 5:59 PM

Amy L McCormick
Project Manager II
amy.mccormick@testamericainc.com
07/29/2011

cc: EDD CRA
CRA Tracking CRA Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Laboratories, Inc.
TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330) 497-9396 Fax (330) 497-0772 www.testamericainc.com

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 39611-40 HIMCO

Report Number: 240-1315-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/22/2011; the samples were properly preserved and on ice. The temperature of the coolers at receipt was 1.6, 2.0, and 2.3 C.

One unpreserved SVOC liter was received broken for sample GW-WT03-062111.

All other samples were received in good condition within temperature requirements.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT02-062111 (240-1315-1), TRIP BLANK-062111-004 (240-1315-2), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8), GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/29/2011.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT02-062111 (240-1315-1), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8), GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 07/07/2011 and 07/15/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-5773/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a

result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batches 5773 and 5780.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples GW-WT02-062111 (240-1315-1), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8), GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 07/20/2011.

Several analytes were detected in method blank MB 240-8753/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-WT02-062111 (240-1315-1), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8), GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were analyzed on 07/22/2011 and 07/26/2011.

Thallium was detected in method blank MB 240-8753/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-WT02-062111 (240-1315-1), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8), GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were analyzed on 07/07/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Samples GW-WT02-062111 (240-1315-1), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8), GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 06/30/2011 and 07/01/2011.

Sulfate was detected in method blank MB 240-4357/65 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Samples GW-WT111A-062111 (240-1315-8)[5X], GW-WT118B-062111 (240-1315-9)[5X] and GW-WT118B-062111-D (240-1315-10) [5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the anions analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples GW-WT02-062111 (240-1315-1), GW-WT03-062111 (240-1315-3), GW-WT04-062111 (240-1315-4), GW-WT04-062111-E (240-1315-5), GW-WTE1-062111 (240-1315-6), GW-WTE3-062111 (240-1315-7), GW-WT111A-062111 (240-1315-8),

GW-WT118B-062111 (240-1315-9) and GW-WT118B-062111-D (240-1315-10) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 06/30/2011.

Total Cyanide exceeded the rpd limit for the MSD of sample GW-WTE3-062111 MSD (240-1315-7) in batch 240-6794.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1315-1	**GW-WT02-062111**					
Chloride		40		1.0	mg/L	300.0
Sulfate		110		1.0	mg/L	300.0
Total Recoverable						
Barium		110	J B	200	ug/L	6010B
Calcium		86000	B	5000	ug/L	6010B
Iron		1400		100	ug/L	6010B
Potassium		2400	J B	5000	ug/L	6010B
Magnesium		21000		5000	ug/L	6010B
Manganese		340		15	ug/L	6010B
Sodium		20000		5000	ug/L	6010B
Arsenic		5.0		1.0	ug/L	6020
240-1315-2TB	**TRIP BLANK-062111-004**					
Acetone		7.9	J	10	ug/L	8260B
Benzene		0.19	J	1.0	ug/L	8260B
Methylene Chloride		5.1		1.0	ug/L	8260B
Toluene		0.42	J	1.0	ug/L	8260B
240-1315-3	**GW-WT03-062111**					
Acetone		1.2	J	10	ug/L	8260B
Chloride		1.4		1.0	mg/L	300.0
Sulfate		11		1.0	mg/L	300.0
Total Recoverable						
Barium		70	J B	200	ug/L	6010B
Calcium		57000	B	5000	ug/L	6010B
Iron		830		100	ug/L	6010B
Potassium		860	J B	5000	ug/L	6010B
Magnesium		20000		5000	ug/L	6010B
Manganese		42		15	ug/L	6010B
Sodium		4100	J	5000	ug/L	6010B
Zinc		5.0	J B	20	ug/L	6010B
Aluminum		240		50	ug/L	6020
Arsenic		7.8		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1315-4	**GW-WT04-062111**					
Acetone		1.4	J	10	ug/L	8260B
Chloride		2.4		1.0	mg/L	300.0
Sulfate		7.8		1.0	mg/L	300.0
Total Recoverable						
Barium		60	J B	200	ug/L	6010B
Calcium		54000	B	5000	ug/L	6010B
Iron		1100		100	ug/L	6010B
Potassium		870	J B	5000	ug/L	6010B
Magnesium		19000		5000	ug/L	6010B
Manganese		110		15	ug/L	6010B
Sodium		4800	J	5000	ug/L	6010B
Zinc		8.8	J B	20	ug/L	6010B
Aluminum		300		50	ug/L	6020
Arsenic		13		1.0	ug/L	6020
240-1315-5EB	**GW-WT04-062111-E**					
Acetone		1.3	J	10	ug/L	8260B
Total Recoverable						
Potassium		130	J B	5000	ug/L	6010B
240-1315-6	**GW-WTE1-062111**					
Carbon disulfide		1.1		1.0	ug/L	8260B
Chloride		34		1.0	mg/L	300.0
Sulfate		69		1.0	mg/L	300.0
Cyanide, Total		0.012		0.010	mg/L	9012A
Total Recoverable						
Barium		47	J B	200	ug/L	6010B
Calcium		100000	B	5000	ug/L	6010B
Iron		110		100	ug/L	6010B
Potassium		2900	J B	5000	ug/L	6010B
Magnesium		20000		5000	ug/L	6010B
Manganese		100		15	ug/L	6010B
Sodium		18000		5000	ug/L	6010B
Arsenic		1.6		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1315-7	**GW-WTE3-062111**					
Carbon disulfide		0.86	J	1.0	ug/L	8260B
Chloride		20		1.0	mg/L	300.0
Bromide		0.092	J	0.50	mg/L	300.0
Sulfate		130		1.0	mg/L	300.0
Total Recoverable						
Barium		68	J B	200	ug/L	6010B
Calcium		100000	B	5000	ug/L	6010B
Iron		3200		100	ug/L	6010B
Potassium		2800	J B	5000	ug/L	6010B
Magnesium		32000		5000	ug/L	6010B
Manganese		34		15	ug/L	6010B
Sodium		17000		5000	ug/L	6010B
Arsenic		4.8		1.0	ug/L	6020
240-1315-8	**GW-WT111A-062111**					
Acetone		1.1	J	10	ug/L	8260B
Benzene		0.43	J	1.0	ug/L	8260B
1,1-Dichloroethane		3.1		1.0	ug/L	8260B
Di-n-butyl phthalate		0.64	J	0.96	ug/L	8270C
Phenol		1.2		0.96	ug/L	8270C
Chloride		15		1.0	mg/L	300.0
Bromide		0.29	J	0.50	mg/L	300.0
Sulfate		160		5.0	mg/L	300.0
Cyanide, Total		0.0061	J	0.010	mg/L	9012A
Total Recoverable						
Barium		65	J B	200	ug/L	6010B
Beryllium		0.48	J	1.0	ug/L	6010B
Calcium		130000	B	5000	ug/L	6010B
Cobalt		1.9	J	50	ug/L	6010B
Chromium		2.8	J	10	ug/L	6010B
Iron		1300		100	ug/L	6010B
Potassium		3200	J B	5000	ug/L	6010B
Magnesium		9500		5000	ug/L	6010B
Manganese		360		15	ug/L	6010B
Sodium		24000		5000	ug/L	6010B
Nickel		3.6	J	40	ug/L	6010B
Vanadium		4.0	J	50	ug/L	6010B
Zinc		20	B	20	ug/L	6010B
Aluminum		1000		50	ug/L	6020
Arsenic		4.2		1.0	ug/L	6020
Thallium		0.16	J B	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1315-9	**GW-WT118B-062111**					
Vinyl chloride		0.38	J	1.0	ug/L	8260B
Chloride		33		1.0	mg/L	300.0
Sulfate		210		5.0	mg/L	300.0
Total Recoverable						
Barium		59	J B	200	ug/L	6010B
Calcium		170000	B	5000	ug/L	6010B
Iron		6100		100	ug/L	6010B
Potassium		3400	J B	5000	ug/L	6010B
Magnesium		22000		5000	ug/L	6010B
Manganese		130		15	ug/L	6010B
Sodium		21000		5000	ug/L	6010B
Arsenic		3.8		1.0	ug/L	6020
240-1315-10FD	**GW-WT118B-062111-D**					
Vinyl chloride		0.46	J	1.0	ug/L	8260B
Chloride		34		1.0	mg/L	300.0
Sulfate		210		5.0	mg/L	300.0
Total Recoverable						
Barium		59	J B	200	ug/L	6010B
Calcium		170000	B	5000	ug/L	6010B
Iron		6000		100	ug/L	6010B
Potassium		3400	J B	5000	ug/L	6010B
Magnesium		21000		5000	ug/L	6010B
Manganese		130		15	ug/L	6010B
Sodium		21000		5000	ug/L	6010B
Arsenic		3.8		1.0	ug/L	6020

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
TCL VOA	TAL NC	SW846 8260B	
Purge and Trap	TAL NC		SW846 5030B
TCL Semivolatile Compounds (OLMO4.2)	TAL NC	SW846 8270C	
Liquid-Liquid Extraction (Continuous)			SW846 3520C
TAL Metals	TAL NC	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
TAL Metals	TAL NC	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
Total Mercury	TAL NC	SW846 7470A	
Preparation, Mercury			SW846 7470A
Anions, Ion Chromatography	TAL NC	MCAWW 300.0	
Total Cyanide (Automated Colorimetric]	TAL NC	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation			SW846 9012A

Lab References:

TAL NC = TestAmerica North Canton

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method	Analyst	Analyst ID
SW846 8260B	Williams, Larry	LW
SW846 8270C	Hula, Tom	TH
SW846 8270C	Ulman, Mark	MU
SW846 6010B	Counts, Karen	KC
SW846 6020	Musselman, Natalie J	NJM
SW846 7470A	Davies, Brian	BD
MCAWW 300.0	Grossman, Lucas	LG
SW846 9012A	Woodward, Bruce	BW

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-1315-1	GW-WT02-062111	Water	06/21/2011 0807	06/22/2011 0930
240-1315-2TB	TRIP BLANK-062111-004	Water	06/21/2011 0815	06/22/2011 0930
240-1315-3	GW-WT03-062111	Water	06/21/2011 0923	06/22/2011 0930
240-1315-4	GW-WT04-062111	Water	06/21/2011 1023	06/22/2011 0930
240-1315-5EB	GW-WT04-062111-E	Water	06/21/2011 1040	06/22/2011 0930
240-1315-6	GW-WTE1-062111	Water	06/21/2011 1207	06/22/2011 0930
240-1315-7	GW-WTE3-062111	Water	06/21/2011 1304	06/22/2011 0930
240-1315-8	GW-WT111A-062111	Water	06/21/2011 1428	06/22/2011 0930
240-1315-9	GW-WT118B-062111	Water	06/21/2011 1533	06/22/2011 0930
240-1315-10FD	GW-WT118B-062111-D	Water	06/21/2011 1540	06/22/2011 0930

SAMPLE RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7308.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0442			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0442				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7308.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0442			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0442				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	92		75 - 121
1,2-Dichloroethane-d4 (Surr)	105		63 - 129
Toluene-d8 (Surr)	101		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **TRIP BLANK-062111-004**

Lab Sample ID: 240-1315-2TB Date Sampled: 06/21/2011 0815
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7309.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0504			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.9	J	1.1	10
Benzene	0.19	J	0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	5.1		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.42	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **TRIP BLANK-062111-004**

Lab Sample ID: 240-1315-2TB Date Sampled: 06/21/2011 0815
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7309.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0504			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	82		66 - 117
Dibromofluoromethane (Surr)	92		75 - 121
1,2-Dichloroethane-d4 (Surr)	102		63 - 129
Toluene-d8 (Surr)	94		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7310.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0527			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.2	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7310.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0527			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	106		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7311.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0549			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0549				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.4	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7311.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0549			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0549				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		66 - 117
Dibromofluoromethane (Surr)	93		75 - 121
1,2-Dichloroethane-d4 (Surr)	104		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB Date Sampled: 06/21/2011 1040
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7312.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0611			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0611				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB Date Sampled: 06/21/2011 1040
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7312.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0611			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0611				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	109		63 - 129
Toluene-d8 (Surr)	98		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7313.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0633			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0633				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	1.1		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7313.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0633			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0633				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	81		66 - 117
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
Toluene-d8 (Surr)	95		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7314.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0656			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0656				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.86	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7314.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0656			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0656				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	102		63 - 129
Toluene-d8 (Surr)	99		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7315.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0718			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J	1.1	10
Benzene	0.43	J	0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	3.1		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7315.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0718			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	107		63 - 129
Toluene-d8 (Surr)	98		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7316.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0740			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0740				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7316.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0740			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0740				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	0.38	J	0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	105		63 - 129
Toluene-d8 (Surr)	102		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7317.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0802			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540
Client Matrix: Water Date Received: 06/22/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7317.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0802			Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	0.46	J	0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	87		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	105		63 - 129
Toluene-d8 (Surr)	97		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707121.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/07/2011 1322			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.099	0.20
Acenaphthylene	ND		0.099	0.20
Acetophenone	ND		0.34	0.99
Anthracene	ND		0.099	0.20
Atrazine	ND		0.34	0.99
Benzaldehyde	ND		0.39	0.99
Benzo[a]anthracene	ND		0.099	0.20
Benzo[a]pyrene	ND		0.099	0.20
Benzo[b]fluoranthene	ND		0.099	0.20
Benzo[g,h,i]perylene	ND		0.099	0.20
Benzo[k]fluoranthene	ND		0.099	0.20
1,1'-Biphenyl	ND		0.79	0.99
Bis(2-chloroethoxy)methane	ND		0.32	0.99
Bis(2-chloroethyl)ether	ND		0.099	0.99
Bis(2-ethylhexyl) phthalate	ND		0.79	2.0
4-Bromophenyl phenyl ether	ND		0.79	2.0
Butyl benzyl phthalate	ND		0.79	0.99
Caprolactam	ND		0.79	5.0
Carbazole	ND		0.28	0.99
4-Chloroaniline	ND		0.79	2.0
4-Chloro-3-methylphenol	ND		0.79	2.0
2-Chloronaphthalene	ND		0.099	0.99
2-Chlorophenol	ND		0.29	0.99
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.099	0.20
Dibenz(a,h)anthracene	ND		0.099	0.20
Dibenzofuran	ND		0.099	0.99
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.79	2.0
Diethyl phthalate	ND		0.59	0.99
2,4-Dimethylphenol	ND		0.79	2.0
Dimethyl phthalate	ND		0.29	0.99
Di-n-butyl phthalate	ND		0.66	0.99
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.79	5.0
Di-n-octyl phthalate	ND		0.79	0.99
Fluoranthene	ND		0.099	0.20
Fluorene	ND		0.099	0.20
Hexachlorobenzene	ND		0.099	0.20
Hexachlorobutadiene	ND		0.27	0.99
Hexachlorocyclopentadiene	ND		0.79	9.9
Hexachloroethane	ND		0.79	0.99
Indeno[1,2,3-cd]pyrene	ND		0.099	0.20
Isophorone	ND		0.27	0.99

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707121.D
Dilution:	1.0			Initial Weight/Volume:	1010 mL
Analysis Date:	07/07/2011 1322			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.099	0.20
2-Methylphenol	ND		0.79	0.99
Naphthalene	ND		0.099	0.20
2-Nitroaniline	ND		0.79	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.79	2.0
Nitrobenzene	ND		0.040	0.99
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.79	0.99
N-Nitrosodiphenylamine	ND		0.31	0.99
2,2'-oxybis[1-chloropropane]	ND		0.40	0.99
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.099	0.20
Phenol	ND		0.59	0.99
Pyrene	ND		0.099	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.79	5.0
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		28 - 110
2-Fluorophenol (Surr)	55		10 - 110
Nitrobenzene-d5 (Surr)	51		27 - 111
Phenol-d5 (Surr)	54		10 - 110
Terphenyl-d14 (Surr)	65		37 - 119
2,4,6-Tribromophenol (Surr)	55		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707122.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/07/2011 1339			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.41	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.83	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.83	2.1
4-Bromophenyl phenyl ether	ND		0.83	2.1
Butyl benzyl phthalate	ND		0.83	1.0
Caprolactam	ND		0.83	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.83	2.1
4-Chloro-3-methylphenol	ND		0.83	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.39	5.2
2,4-Dichlorophenol	ND		0.83	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.83	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.70	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.83	5.2
Di-n-octyl phthalate	ND		0.83	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.83	10
Hexachloroethane	ND		0.83	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707122.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/07/2011 1339			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.83	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.83	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.83	2.1
Nitrobenzene	ND		0.042	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.42	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.83	5.2
3 & 4 Methylphenol	ND		0.78	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		28 - 110
2-Fluorophenol (Surr)	55		10 - 110
Nitrobenzene-d5 (Surr)	52		27 - 111
Phenol-d5 (Surr)	55		10 - 110
Terphenyl-d14 (Surr)	66		37 - 119
2,4,6-Tribromophenol (Surr)	53		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707123.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	07/07/2011 1355			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.81	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.81	2.0
4-Bromophenyl phenyl ether	ND		0.81	2.0
Butyl benzyl phthalate	ND		0.81	1.0
Caprolactam	ND		0.81	5.1
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.81	2.0
4-Chloro-3-methylphenol	ND		0.81	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.1
2,4-Dichlorophenol	ND		0.81	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.81	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.27	5.1
2,6-Dinitrotoluene	ND		0.81	5.1
Di-n-octyl phthalate	ND		0.81	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.81	10
Hexachloroethane	ND		0.81	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.27	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707123.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	07/07/2011 1355			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.81	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.81	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.81	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.81	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.1
2,4,6-Trichlorophenol	ND		0.81	5.1
3 & 4 Methylphenol	ND		0.76	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		28 - 110
2-Fluorophenol (Surr)	49		10 - 110
Nitrobenzene-d5 (Surr)	45		27 - 111
Phenol-d5 (Surr)	49		10 - 110
Terphenyl-d14 (Surr)	58		37 - 119
2,4,6-Tribromophenol (Surr)	54		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB Date Sampled: 06/21/2011 1040
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707124.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Analysis Date:	07/07/2011 1412			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.11	0.21
Acenaphthylene	ND		0.11	0.21
Acetophenone	ND		0.36	1.1
Anthracene	ND		0.11	0.21
Atrazine	ND		0.36	1.1
Benzaldehyde	ND		0.41	1.1
Benzo[a]anthracene	ND		0.11	0.21
Benzo[a]pyrene	ND		0.11	0.21
Benzo[b]fluoranthene	ND		0.11	0.21
Benzo[g,h,i]perylene	ND		0.11	0.21
Benzo[k]fluoranthene	ND		0.11	0.21
1,1'-Biphenyl	ND		0.84	1.1
Bis(2-chloroethoxy)methane	ND		0.34	1.1
Bis(2-chloroethyl)ether	ND		0.11	1.1
Bis(2-ethylhexyl) phthalate	ND		0.84	2.1
4-Bromophenyl phenyl ether	ND		0.84	2.1
Butyl benzyl phthalate	ND		0.84	1.1
Caprolactam	ND		0.84	5.3
Carbazole	ND		0.29	1.1
4-Chloroaniline	ND		0.84	2.1
4-Chloro-3-methylphenol	ND		0.84	2.1
2-Chloronaphthalene	ND		0.11	1.1
2-Chlorophenol	ND		0.31	1.1
4-Chlorophenyl phenyl ether	ND		0.32	2.1
Chrysene	ND		0.11	0.21
Dibenz(a,h)anthracene	ND		0.11	0.21
Dibenzofuran	ND		0.11	1.1
3,3'-Dichlorobenzidine	ND		0.39	5.3
2,4-Dichlorophenol	ND		0.84	2.1
Diethyl phthalate	ND		0.63	1.1
2,4-Dimethylphenol	ND		0.84	2.1
Dimethyl phthalate	ND		0.31	1.1
Di-n-butyl phthalate	ND		0.71	1.1
4,6-Dinitro-2-methylphenol	ND		2.5	5.3
2,4-Dinitrophenol	ND		2.5	5.3
2,4-Dinitrotoluene	ND		0.28	5.3
2,6-Dinitrotoluene	ND		0.84	5.3
Di-n-octyl phthalate	ND		0.84	1.1
Fluoranthene	ND		0.11	0.21
Fluorene	ND		0.11	0.21
Hexachlorobenzene	ND		0.11	0.21
Hexachlorobutadiene	ND		0.28	1.1
Hexachlorocyclopentadiene	ND		0.84	11
Hexachloroethane	ND		0.84	1.1
Indeno[1,2,3-cd]pyrene	ND		0.11	0.21
Isophorone	ND		0.28	1.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB Date Sampled: 06/21/2011 1040
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707124.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Analysis Date:	07/07/2011 1412			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.11	0.21
2-Methylphenol	ND		0.84	1.1
Naphthalene	ND		0.11	0.21
2-Nitroaniline	ND		0.84	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.84	2.1
Nitrobenzene	ND		0.042	1.1
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.3
N-Nitrosodi-n-propylamine	ND		0.84	1.1
N-Nitrosodiphenylamine	ND		0.33	1.1
2,2'-oxybis[1-chloropropane]	ND		0.42	1.1
Pentachlorophenol	ND		2.5	5.3
Phenanthrene	ND		0.11	0.21
Phenol	ND		0.63	1.1
Pyrene	ND		0.11	0.21
2,4,5-Trichlorophenol	ND		0.32	5.3
2,4,6-Trichlorophenol	ND		0.84	5.3
3 & 4 Methylphenol	ND		0.79	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	55		28 - 110
2-Fluorophenol (Surr)	54		10 - 110
Nitrobenzene-d5 (Surr)	49		27 - 111
Phenol-d5 (Surr)	52		10 - 110
Terphenyl-d14 (Surr)	66		37 - 119
2,4,6-Tribromophenol (Surr)	42		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707125.D
Dilution:	1.0			Initial Weight/Volume:	940 mL
Analysis Date:	07/07/2011 1429			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.11	0.21
Acenaphthylene	ND		0.11	0.21
Acetophenone	ND		0.36	1.1
Anthracene	ND		0.11	0.21
Atrazine	ND		0.36	1.1
Benzaldehyde	ND		0.41	1.1
Benzo[a]anthracene	ND		0.11	0.21
Benzo[a]pyrene	ND		0.11	0.21
Benzo[b]fluoranthene	ND		0.11	0.21
Benzo[g,h,i]perylene	ND		0.11	0.21
Benzo[k]fluoranthene	ND		0.11	0.21
1,1'-Biphenyl	ND		0.85	1.1
Bis(2-chloroethoxy)methane	ND		0.34	1.1
Bis(2-chloroethyl)ether	ND		0.11	1.1
Bis(2-ethylhexyl) phthalate	ND		0.85	2.1
4-Bromophenyl phenyl ether	ND		0.85	2.1
Butyl benzyl phthalate	ND		0.85	1.1
Caprolactam	ND		0.85	5.3
Carbazole	ND		0.30	1.1
4-Chloroaniline	ND		0.85	2.1
4-Chloro-3-methylphenol	ND		0.85	2.1
2-Chloronaphthalene	ND		0.11	1.1
2-Chlorophenol	ND		0.31	1.1
4-Chlorophenyl phenyl ether	ND		0.32	2.1
Chrysene	ND		0.11	0.21
Dibenz(a,h)anthracene	ND		0.11	0.21
Dibenzofuran	ND		0.11	1.1
3,3'-Dichlorobenzidine	ND		0.39	5.3
2,4-Dichlorophenol	ND		0.85	2.1
Diethyl phthalate	ND		0.64	1.1
2,4-Dimethylphenol	ND		0.85	2.1
Dimethyl phthalate	ND		0.31	1.1
Di-n-butyl phthalate	ND		0.71	1.1
4,6-Dinitro-2-methylphenol	ND		2.6	5.3
2,4-Dinitrophenol	ND		2.6	5.3
2,4-Dinitrotoluene	ND		0.29	5.3
2,6-Dinitrotoluene	ND		0.85	5.3
Di-n-octyl phthalate	ND		0.85	1.1
Fluoranthene	ND		0.11	0.21
Fluorene	ND		0.11	0.21
Hexachlorobenzene	ND		0.11	0.21
Hexachlorobutadiene	ND		0.29	1.1
Hexachlorocyclopentadiene	ND		0.85	11
Hexachloroethane	ND		0.85	1.1
Indeno[1,2,3-cd]pyrene	ND		0.11	0.21
Isophorone	ND		0.29	1.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707125.D
Dilution:	1.0			Initial Weight/Volume:	940 mL
Analysis Date:	07/07/2011 1429			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.11	0.21
2-Methylphenol	ND		0.85	1.1
Naphthalene	ND		0.11	0.21
2-Nitroaniline	ND		0.85	2.1
3-Nitroaniline	ND		0.30	2.1
4-Nitroaniline	ND		0.85	2.1
Nitrobenzene	ND		0.043	1.1
2-Nitrophenol	ND		0.30	2.1
4-Nitrophenol	ND		2.6	5.3
N-Nitrosodi-n-propylamine	ND		0.85	1.1
N-Nitrosodiphenylamine	ND		0.33	1.1
2,2'-oxybis[1-chloropropane]	ND		0.43	1.1
Pentachlorophenol	ND		2.6	5.3
Phenanthrene	ND		0.11	0.21
Phenol	ND		0.64	1.1
Pyrene	ND		0.11	0.21
2,4,5-Trichlorophenol	ND		0.32	5.3
2,4,6-Trichlorophenol	ND		0.85	5.3
3 & 4 Methylphenol	ND		0.80	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		28 - 110
2-Fluorophenol (Surr)	55		10 - 110
Nitrobenzene-d5 (Surr)	53		27 - 111
Phenol-d5 (Surr)	53		10 - 110
Terphenyl-d14 (Surr)	68		37 - 119
2,4,6-Tribromophenol (Surr)	71		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707126.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/07/2011 1446			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.098	0.20
Acenaphthylene	ND		0.098	0.20
Acetophenone	ND		0.33	0.98
Anthracene	ND		0.098	0.20
Atrazine	ND		0.33	0.98
Benzaldehyde	ND		0.38	0.98
Benzo[a]anthracene	ND		0.098	0.20
Benzo[a]pyrene	ND		0.098	0.20
Benzo[b]fluoranthene	ND		0.098	0.20
Benzo[g,h,i]perylene	ND		0.098	0.20
Benzo[k]fluoranthene	ND		0.098	0.20
1,1'-Biphenyl	ND		0.78	0.98
Bis(2-chloroethoxy)methane	ND		0.31	0.98
Bis(2-chloroethyl)ether	ND		0.098	0.98
Bis(2-ethylhexyl) phthalate	ND		0.78	2.0
4-Bromophenyl phenyl ether	ND		0.78	2.0
Butyl benzyl phthalate	ND		0.78	0.98
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.98
4-Chloroaniline	ND		0.78	2.0
4-Chloro-3-methylphenol	ND		0.78	2.0
2-Chloronaphthalene	ND		0.098	0.98
2-Chlorophenol	ND		0.28	0.98
4-Chlorophenyl phenyl ether	ND		0.29	2.0
Chrysene	ND		0.098	0.20
Dibenz(a,h)anthracene	ND		0.098	0.20
Dibenzofuran	ND		0.098	0.98
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	2.0
Diethyl phthalate	ND		0.59	0.98
2,4-Dimethylphenol	ND		0.78	2.0
Dimethyl phthalate	ND		0.28	0.98
Di-n-butyl phthalate	ND		0.66	0.98
4,6-Dinitro-2-methylphenol	ND		2.4	4.9
2,4-Dinitrophenol	ND		2.4	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.98
Fluoranthene	ND		0.098	0.20
Fluorene	ND		0.098	0.20
Hexachlorobenzene	ND		0.098	0.20
Hexachlorobutadiene	ND		0.26	0.98
Hexachlorocyclopentadiene	ND		0.78	9.8
Hexachloroethane	ND		0.78	0.98
Indeno[1,2,3-cd]pyrene	ND		0.098	0.20
Isophorone	ND		0.26	0.98

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-5780	Lab File ID:	0707126.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/07/2011 1446			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.098	0.20
2-Methylphenol	ND		0.78	0.98
Naphthalene	ND		0.098	0.20
2-Nitroaniline	ND		0.78	2.0
3-Nitroaniline	ND		0.27	2.0
4-Nitroaniline	ND		0.78	2.0
Nitrobenzene	ND		0.039	0.98
2-Nitrophenol	ND		0.27	2.0
4-Nitrophenol	ND		2.4	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.98
N-Nitrosodiphenylamine	ND		0.30	0.98
2,2'-oxybis[1-chloropropane]	ND		0.39	0.98
Pentachlorophenol	ND		2.4	4.9
Phenanthrene	ND		0.098	0.20
Phenol	ND		0.59	0.98
Pyrene	ND		0.098	0.20
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	ND		0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		28 - 110
2-Fluorophenol (Surr)	55		10 - 110
Nitrobenzene-d5 (Surr)	52		27 - 111
Phenol-d5 (Surr)	57		10 - 110
Terphenyl-d14 (Surr)	72		37 - 119
2,4,6-Tribromophenol (Surr)	63		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-5773	Lab File ID:	1315H8A.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	07/15/2011 1855			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.096	0.19
Acenaphthylene	ND		0.096	0.19
Acetophenone	ND		0.33	0.96
Anthracene	ND		0.096	0.19
Atrazine	ND		0.33	0.96
Benzaldehyde	ND		0.37	0.96
Benzo[a]anthracene	ND		0.096	0.19
Benzo[a]pyrene	ND		0.096	0.19
Benzo[b]fluoranthene	ND		0.096	0.19
Benzo[g,h,i]perylene	ND		0.096	0.19
Benzo[k]fluoranthene	ND		0.096	0.19
1,1'-Biphenyl	ND		0.77	0.96
Bis(2-chloroethoxy)methane	ND		0.31	0.96
Bis(2-chloroethyl)ether	ND		0.096	0.96
Bis(2-ethylhexyl) phthalate	ND		0.77	1.9
4-Bromophenyl phenyl ether	ND		0.77	1.9
Butyl benzyl phthalate	ND		0.77	0.96
Caprolactam	ND		0.77	4.8
Carbazole	ND		0.27	0.96
4-Chloroaniline	ND		0.77	1.9
4-Chloro-3-methylphenol	ND		0.77	1.9
2-Chloronaphthalene	ND		0.096	0.96
2-Chlorophenol	ND		0.28	0.96
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.096	0.19
Dibenz(a,h)anthracene	ND		0.096	0.19
Dibenzofuran	ND		0.096	0.96
3,3'-Dichlorobenzidine	ND		0.36	4.8
2,4-Dichlorophenol	ND		0.77	1.9
Diethyl phthalate	ND		0.58	0.96
2,4-Dimethylphenol	ND		0.77	1.9
Dimethyl phthalate	ND		0.28	0.96
Di-n-butyl phthalate	0.64	J	0.64	0.96
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.77	4.8
Di-n-octyl phthalate	ND		0.77	0.96
Fluoranthene	ND		0.096	0.19
Fluorene	ND		0.096	0.19
Hexachlorobenzene	ND		0.096	0.19
Hexachlorobutadiene	ND		0.26	0.96
Hexachlorocyclopentadiene	ND		0.77	9.6
Hexachloroethane	ND		0.77	0.96
Indeno[1,2,3-cd]pyrene	ND		0.096	0.19
Isophorone	ND		0.26	0.96

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-5773	Lab File ID:	1315H8A.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Analysis Date:	07/15/2011 1855			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.096	0.19
2-Methylphenol	ND		0.77	0.96
Naphthalene	ND		0.096	0.19
2-Nitroaniline	ND		0.77	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.77	1.9
Nitrobenzene	ND		0.038	0.96
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.77	0.96
N-Nitrosodiphenylamine	ND		0.30	0.96
2,2'-oxybis[1-chloropropane]	ND		0.38	0.96
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.096	0.19
Phenol	1.2		0.58	0.96
Pyrene	ND		0.096	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.77	4.8
3 & 4 Methylphenol	ND		0.72	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	65		28 - 110
2-Fluorophenol (Surr)	72		10 - 110
Nitrobenzene-d5 (Surr)	70		27 - 111
Phenol-d5 (Surr)	73		10 - 110
Terphenyl-d14 (Surr)	51		37 - 119
2,4,6-Tribromophenol (Surr)	70		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-5773	Lab File ID:	1315H9A.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	07/15/2011 1914			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.1
4-Bromophenyl phenyl ether	ND		0.82	2.1
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.1
4-Chloro-3-methylphenol	ND		0.82	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.2
2,4-Dichlorophenol	ND		0.82	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.82	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.69	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.82	5.2
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-5773	Lab File ID:	1315H9A.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	07/15/2011 1914			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.82	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.82	2.1
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.82	5.2
3 & 4 Methylphenol	ND		0.77	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	58		28 - 110
2-Fluorophenol (Surr)	68		10 - 110
Nitrobenzene-d5 (Surr)	65		27 - 111
Phenol-d5 (Surr)	69		10 - 110
Terphenyl-d14 (Surr)	78		37 - 119
2,4,6-Tribromophenol (Surr)	61		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-5773	Lab File ID:	1315H10A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/15/2011 1933			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540
Client Matrix: Water Date Received: 06/22/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-5773	Lab File ID:	1315H10A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/15/2011 1933			Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		28 - 110
2-Fluorophenol (Surr)	67		10 - 110
Nitrobenzene-d5 (Surr)	65		27 - 111
Phenol-d5 (Surr)	66		10 - 110
Terphenyl-d14 (Surr)	77		37 - 119
2,4,6-Tribromophenol (Surr)	67		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2029			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	110	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	86000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	1400		81	100
Potassium	2400	J B	72	5000
Magnesium	21000		34	5000
Manganese	340		0.41	15
Silver	ND		2.2	10
Sodium	20000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9203	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1618			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	5.0		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1339			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2035			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	70	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	57000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	830		81	100
Potassium	860	J B	72	5000
Magnesium	20000		34	5000
Manganese	42		0.41	15
Silver	ND		2.2	10
Sodium	4100	J	590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	5.0	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9203	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1624			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	240		19	50
Arsenic	7.8		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1340			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2041			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	60	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	54000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	1100		81	100
Potassium	870	J B	72	5000
Magnesium	19000		34	5000
Manganese	110		0.41	15
Silver	ND		2.2	10
Sodium	4800	J	590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	8.8	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9203	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1629			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	300		19	50
Arsenic	13		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1341			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB Date Sampled: 06/21/2011 1040
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2047			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	ND		0.67	200
Beryllium	ND		0.46	1.0
Calcium	ND		130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	130	J B	72	5000
Magnesium	ND		34	5000
Manganese	ND		0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9203	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1634			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1342			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB Date Sampled: 06/21/2011 1040
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2053			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	47	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	100000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	110		81	100
Potassium	2900	J B	72	5000
Magnesium	20000		34	5000
Manganese	100		0.41	15
Silver	ND		2.2	10
Sodium	18000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1633			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	1.6		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1344			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2059			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	68	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	100000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	3200		81	100
Potassium	2800	J B	72	5000
Magnesium	32000		34	5000
Manganese	34		0.41	15
Silver	ND		2.2	10
Sodium	17000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1638			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	4.8		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1348			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2118			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	65	J B	0.67	200
Beryllium	0.48	J	0.46	1.0
Calcium	130000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	1.9	J	1.7	50
Chromium	2.8	J	2.2	10
Copper	ND		4.5	25
Iron	1300		81	100
Potassium	3200	J B	72	5000
Magnesium	9500		34	5000
Manganese	360		0.41	15
Silver	ND		2.2	10
Sodium	24000		590	5000
Nickel	3.6	J	3.2	40
Vanadium	4.0	J	0.64	50
Zinc	20	B	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1656			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1000		19	50
Arsenic	4.2		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.16	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1349			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2124			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	59	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	170000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	6100		81	100
Potassium	3400	J B	72	5000
Magnesium	22000		34	5000
Manganese	130		0.41	15
Silver	ND		2.2	10
Sodium	21000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1701			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	3.8		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1350			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540
Client Matrix: Water Date Received: 06/22/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 2130			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0901				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	59	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	170000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	6000		81	100
Potassium	3400	J B	72	5000
Magnesium	21000		34	5000
Manganese	130		0.41	15
Silver	ND		2.2	10
Sodium	21000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-9841	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8753	Lab File ID:	I80726A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/26/2011 1706			Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0901				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	3.8		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7635	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1351			Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540
Client Matrix: Water Date Received: 06/22/2011 0930

7470A Total Mercury

General Chemistry

Client Sample ID: **GW-WT02-062111**

Lab Sample ID: 240-1315-1 Date Sampled: 06/21/2011 0807

Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	40		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1719						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1719						
Sulfate	110		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1719						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6761	Analysis Date: 06/30/2011 1013						
Prep Batch: 240-6714	Prep Date: 06/30/2011 0920						

General Chemistry

Client Sample ID: **GW-WT03-062111**

Lab Sample ID: 240-1315-3 Date Sampled: 06/21/2011 0923
Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	1.4		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1736						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1736						
Sulfate	11		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1736						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6761	Analysis Date: 06/30/2011 1013						
Prep Batch: 240-6714	Prep Date: 06/30/2011 0920						

General Chemistry

Client Sample ID: **GW-WT04-062111**

Lab Sample ID: 240-1315-4 Date Sampled: 06/21/2011 1023

Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	2.4		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1847						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1847						
Sulfate	7.8		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1847						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6761	Analysis Date: 06/30/2011 1013						
Prep Batch: 240-6714	Prep Date: 06/30/2011 0920						

General Chemistry

Client Sample ID: **GW-WT04-062111-E**

Lab Sample ID: 240-1315-5EB
Client Matrix: Water

Date Sampled: 06/21/2011 1040
Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	ND		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1904						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1904						
Sulfate	ND		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1904						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6761	Analysis Date: 06/30/2011 1013						
Prep Batch: 240-6714	Prep Date: 06/30/2011 0920						

General Chemistry

Client Sample ID: **GW-WTE1-062111**

Lab Sample ID: 240-1315-6 Date Sampled: 06/21/2011 1207

Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	34		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1921						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1921						
Sulfate	69		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 1921						
Cyanide, Total	0.012		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6761	Analysis Date: 06/30/2011 1047						
Prep Batch: 240-6714	Prep Date: 06/30/2011 0920						

General Chemistry

Client Sample ID: **GW-WTE3-062111**

Lab Sample ID: 240-1315-7 Date Sampled: 06/21/2011 1304

Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	20		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2014						
Bromide	0.092	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2014						
Sulfate	130		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2014						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1247						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT111A-062111**

Lab Sample ID: 240-1315-8 Date Sampled: 06/21/2011 1428
Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	15		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2048						
Bromide	0.29	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2048						
Sulfate	160		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/01/2011 2029						
Cyanide, Total	0.0061	J	mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1247						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT118B-062111**

Lab Sample ID: 240-1315-9 Date Sampled: 06/21/2011 1533
Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	33		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2106						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2106						
Sulfate	210		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/01/2011 2046						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1247						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT118B-062111-D**

Lab Sample ID: 240-1315-10FD Date Sampled: 06/21/2011 1540

Client Matrix: Water Date Received: 06/22/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	34		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2123						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-4357	Analysis Date: 06/30/2011 2123						
Sulfate	210		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/01/2011 2103						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1247						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-6463					
LCS 240-6463/4	Lab Control Sample	T	Water	8260B	
MB 240-6463/5	Method Blank	T	Water	8260B	
240-1315-1	GW-WT02-062111	T	Water	8260B	
240-1315-2TB	TRIP BLANK-062111-004	T	Water	8260B	
240-1315-3	GW-WT03-062111	T	Water	8260B	
240-1315-4	GW-WT04-062111	T	Water	8260B	
240-1315-5EB	GW-WT04-062111-E	T	Water	8260B	
240-1315-6	GW-WTE1-062111	T	Water	8260B	
240-1315-7	GW-WTE3-062111	T	Water	8260B	
240-1315-8	GW-WT111A-062111	T	Water	8260B	
240-1315-9	GW-WT118B-062111	T	Water	8260B	
240-1315-10FD	GW-WT118B-062111-D	T	Water	8260B	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-5773					
LCS 240-5773/2-A	Lab Control Sample	T	Water	3520C	
MB 240-5773/1-A	Method Blank	T	Water	3520C	
240-1315-8	GW-WT111A-062111	T	Water	3520C	
240-1315-9	GW-WT118B-062111	T	Water	3520C	
240-1315-10FD	GW-WT118B-062111-D	T	Water	3520C	
Prep Batch: 240-5780					
LCS 240-5780/2-A	Lab Control Sample	T	Water	3520C	
MB 240-5780/1-A	Method Blank	T	Water	3520C	
240-1315-1	GW-WT02-062111	T	Water	3520C	
240-1315-3	GW-WT03-062111	T	Water	3520C	
240-1315-4	GW-WT04-062111	T	Water	3520C	
240-1315-5EB	GW-WT04-062111-E	T	Water	3520C	
240-1315-6	GW-WTE1-062111	T	Water	3520C	
240-1315-7	GW-WTE3-062111	T	Water	3520C	
Analysis Batch:240-7441					
LCS 240-5780/2-A	Lab Control Sample	T	Water	8270C	240-5780
MB 240-5780/1-A	Method Blank	T	Water	8270C	240-5780
240-1315-1	GW-WT02-062111	T	Water	8270C	240-5780
240-1315-3	GW-WT03-062111	T	Water	8270C	240-5780
240-1315-4	GW-WT04-062111	T	Water	8270C	240-5780
240-1315-5EB	GW-WT04-062111-E	T	Water	8270C	240-5780
240-1315-6	GW-WTE1-062111	T	Water	8270C	240-5780
240-1315-7	GW-WTE3-062111	T	Water	8270C	240-5780
Analysis Batch:240-8685					
LCS 240-5773/2-A	Lab Control Sample	T	Water	8270C	240-5773
MB 240-5773/1-A	Method Blank	T	Water	8270C	240-5773
240-1315-8	GW-WT111A-062111	T	Water	8270C	240-5773
240-1315-9	GW-WT118B-062111	T	Water	8270C	240-5773
240-1315-10FD	GW-WT118B-062111-D	T	Water	8270C	240-5773

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-7145					
LCS 240-7145/2-A	Lab Control Sample	T	Water	7470A	
MB 240-7145/1-A	Method Blank	T	Water	7470A	
240-1315-1	GW-WT02-062111	T	Water	7470A	
240-1315-3	GW-WT03-062111	T	Water	7470A	
240-1315-4	GW-WT04-062111	T	Water	7470A	
240-1315-5EB	GW-WT04-062111-E	T	Water	7470A	
240-1315-6	GW-WTE1-062111	T	Water	7470A	
240-1315-7	GW-WTE3-062111	T	Water	7470A	
240-1315-8	GW-WT111A-062111	T	Water	7470A	
240-1315-9	GW-WT118B-062111	T	Water	7470A	
240-1315-10FD	GW-WT118B-062111-D	T	Water	7470A	
Analysis Batch:240-7635					
LCS 240-7145/2-A	Lab Control Sample	T	Water	7470A	240-7145
MB 240-7145/1-A	Method Blank	T	Water	7470A	240-7145
240-1315-1	GW-WT02-062111	T	Water	7470A	240-7145
240-1315-3	GW-WT03-062111	T	Water	7470A	240-7145
240-1315-4	GW-WT04-062111	T	Water	7470A	240-7145
240-1315-5EB	GW-WT04-062111-E	T	Water	7470A	240-7145
240-1315-6	GW-WTE1-062111	T	Water	7470A	240-7145
240-1315-7	GW-WTE3-062111	T	Water	7470A	240-7145
240-1315-8	GW-WT111A-062111	T	Water	7470A	240-7145
240-1315-9	GW-WT118B-062111	T	Water	7470A	240-7145
240-1315-10FD	GW-WT118B-062111-D	T	Water	7470A	240-7145
Prep Batch: 240-8753					
LCS 240-8753/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-8753/3-A	Lab Control Sample	R	Water	3005A	
MB 240-8753/1-A	Method Blank	R	Water	3005A	
240-1315-1	GW-WT02-062111	R	Water	3005A	
240-1315-3	GW-WT03-062111	R	Water	3005A	
240-1315-4	GW-WT04-062111	R	Water	3005A	
240-1315-5EB	GW-WT04-062111-E	R	Water	3005A	
240-1315-6	GW-WTE1-062111	R	Water	3005A	
240-1315-7	GW-WTE3-062111	R	Water	3005A	
240-1315-8	GW-WT111A-062111	R	Water	3005A	
240-1315-9	GW-WT118B-062111	R	Water	3005A	
240-1315-10FD	GW-WT118B-062111-D	R	Water	3005A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-9189					
LCS 240-8753/2-A	Lab Control Sample	R	Water	6010B	240-8753
MB 240-8753/1-A	Method Blank	R	Water	6010B	240-8753
240-1315-1	GW-WT02-062111	R	Water	6010B	240-8753
240-1315-3	GW-WT03-062111	R	Water	6010B	240-8753
240-1315-4	GW-WT04-062111	R	Water	6010B	240-8753
240-1315-5EB	GW-WT04-062111-E	R	Water	6010B	240-8753
240-1315-6	GW-WTE1-062111	R	Water	6010B	240-8753
240-1315-7	GW-WTE3-062111	R	Water	6010B	240-8753
240-1315-8	GW-WT111A-062111	R	Water	6010B	240-8753
240-1315-9	GW-WT118B-062111	R	Water	6010B	240-8753
240-1315-10FD	GW-WT118B-062111-D	R	Water	6010B	240-8753
Analysis Batch:240-9203					
LCS 240-8753/3-A	Lab Control Sample	R	Water	6020	240-8753
MB 240-8753/1-A	Method Blank	R	Water	6020	240-8753
240-1315-1	GW-WT02-062111	R	Water	6020	240-8753
240-1315-3	GW-WT03-062111	R	Water	6020	240-8753
240-1315-4	GW-WT04-062111	R	Water	6020	240-8753
240-1315-5EB	GW-WT04-062111-E	R	Water	6020	240-8753
Analysis Batch:240-9841					
240-1315-6	GW-WTE1-062111	R	Water	6020	240-8753
240-1315-7	GW-WTE3-062111	R	Water	6020	240-8753
240-1315-8	GW-WT111A-062111	R	Water	6020	240-8753
240-1315-9	GW-WT118B-062111	R	Water	6020	240-8753
240-1315-10FD	GW-WT118B-062111-D	R	Water	6020	240-8753

Report Basis

R = Total Recoverable

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-4357					
LCS 240-4357/35	Lab Control Sample	T	Water	300.0	
LCS 240-4357/6	Lab Control Sample	T	Water	300.0	
LCS 240-4357/66	Lab Control Sample	T	Water	300.0	
LCSD 240-4357/67	Lab Control Sample Duplicate	T	Water	300.0	
LCSD 240-4357/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-4357/34	Method Blank	T	Water	300.0	
MB 240-4357/5	Method Blank	T	Water	300.0	
MB 240-4357/65	Method Blank	T	Water	300.0	
240-1315-1	GW-WT02-062111	T	Water	300.0	
240-1315-3	GW-WT03-062111	T	Water	300.0	
240-1315-4	GW-WT04-062111	T	Water	300.0	
240-1315-5EB	GW-WT04-062111-E	T	Water	300.0	
240-1315-6	GW-WTE1-062111	T	Water	300.0	
240-1315-7	GW-WTE3-062111	T	Water	300.0	
240-1315-7MS	Matrix Spike	T	Water	300.0	
240-1315-8	GW-WT111A-062111	T	Water	300.0	
240-1315-9	GW-WT118B-062111	T	Water	300.0	
240-1315-10FD	GW-WT118B-062111-D	T	Water	300.0	
Prep Batch: 240-6714					
LCS 240-6714/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6714/1-A	Method Blank	T	Water	9012A	
240-1315-1	GW-WT02-062111	T	Water	9012A	
240-1315-3	GW-WT03-062111	T	Water	9012A	
240-1315-4	GW-WT04-062111	T	Water	9012A	
240-1315-5EB	GW-WT04-062111-E	T	Water	9012A	
240-1315-6	GW-WTE1-062111	T	Water	9012A	
Prep Batch: 240-6730					
LCS 240-6730/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6730/1-A	Method Blank	T	Water	9012A	
240-1315-7	GW-WTE3-062111	T	Water	9012A	
240-1315-7MS	Matrix Spike	T	Water	9012A	
240-1315-7MSD	Matrix Spike Duplicate	T	Water	9012A	
240-1315-8	GW-WT111A-062111	T	Water	9012A	
240-1315-9	GW-WT118B-062111	T	Water	9012A	
240-1315-10FD	GW-WT118B-062111-D	T	Water	9012A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-6761					
LCS 240-6714/2-A	Lab Control Sample	T	Water	9012A	240-6714
MB 240-6714/1-A	Method Blank	T	Water	9012A	240-6714
240-1315-1	GW-WT02-062111	T	Water	9012A	240-6714
240-1315-3	GW-WT03-062111	T	Water	9012A	240-6714
240-1315-4	GW-WT04-062111	T	Water	9012A	240-6714
240-1315-5EB	GW-WT04-062111-E	T	Water	9012A	240-6714
240-1315-6	GW-WTE1-062111	T	Water	9012A	240-6714
Analysis Batch:240-6794					
LCS 240-6730/2-A	Lab Control Sample	T	Water	9012A	240-6730
MB 240-6730/1-A	Method Blank	T	Water	9012A	240-6730
240-1315-7	GW-WTE3-062111	T	Water	9012A	240-6730
240-1315-7MS	Matrix Spike	T	Water	9012A	240-6730
240-1315-7MSD	Matrix Spike Duplicate	T	Water	9012A	240-6730
240-1315-8	GW-WT111A-062111	T	Water	9012A	240-6730
240-1315-9	GW-WT118B-062111	T	Water	9012A	240-6730
240-1315-10FD	GW-WT118B-062111-D	T	Water	9012A	240-6730
Analysis Batch:240-6932					
LCS 240-6932/6	Lab Control Sample	T	Water	300.0	
LCSD 240-6932/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-6932/5	Method Blank	T	Water	300.0	
240-1315-8	GW-WT111A-062111	T	Water	300.0	
240-1315-9	GW-WT118B-062111	T	Water	300.0	
240-1315-10FD	GW-WT118B-062111-D	T	Water	300.0	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-1315-1	GW-WT02-062111	86	92	105	101
240-1315-2	TRIP BLANK-062111-004	82	92	102	94
240-1315-3	GW-WT03-062111	86	95	106	97
240-1315-4	GW-WT04-062111	85	93	104	97
240-1315-5	GW-WT04-062111-E	84	95	109	98
240-1315-6	GW-WTE1-062111	81	89	97	95
240-1315-7	GW-WTE3-062111	87	97	102	99
240-1315-8	GW-WT111A-062111	87	99	107	98
240-1315-9	GW-WT118B-062111	88	95	105	102
240-1315-10	GW-WT118B-062111 -D	87	94	105	97
MB 240-6463/5		88	92	107	102
LCS 240-6463/4		92	99	105	102

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Surrogate Recovery Report

8270C TCL Semivolatile Compounds (OLMO4.2)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-1315-1	GW-WT02-062111	57	55	51	54	65	55
240-1315-3	GW-WT03-062111	56	55	52	55	66	53
240-1315-4	GW-WT04-062111	49	49	45	49	58	54
240-1315-5	GW-WT04-062111-E	55	54	49	52	66	42
240-1315-6	GW-WTE1-062111	57	55	53	53	68	71
240-1315-7	GW-WTE3-062111	57	55	52	57	72	63
240-1315-8	GW-WT111A-062111	65	72	70	73	51	70
240-1315-9	GW-WT118B-062111	58	68	65	69	78	61
240-1315-10	GW-WT118B-062111-D	59	67	65	66	77	67
MB 240-5773/1-A		64	71	65	71	75	64
MB 240-5780/1-A		58	53	53	46	69	30
LCS 240-5773/2-A		69	75	78	78	79	75
LCS 240-5780/2-A		73	69	69	71	80	78

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	28-110
2FP = 2-Fluorophenol (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	27-111
PHL = Phenol-d5 (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	37-119
TBP = 2,4,6-Tribromophenol (Surr)	22-120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-6463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6463/5	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7301.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0205	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0205				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-6463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6463/5	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7301.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0205	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0205				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	88	66 - 117
Dibromofluoromethane (Surr)	92	75 - 121
1,2-Dichloroethane-d4 (Surr)	107	63 - 129
Toluene-d8 (Surr)	102	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-6463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6463/4	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7300.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0143	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0143				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	15.4	77	43 - 136	
Benzene	10.0	9.04	90	83 - 112	
Bromoform	10.0	6.17	62	40 - 131	
Bromomethane	10.0	6.85	69	11 - 185	
2-Butanone (MEK)	20.0	18.2	91	60 - 126	
Carbon disulfide	10.0	6.62	66	62 - 142	
Carbon tetrachloride	10.0	9.23	92	66 - 128	
Chlorobenzene	10.0	9.63	96	85 - 110	
Dibromochloromethane	10.0	7.63	76	64 - 119	
Chloroethane	10.0	6.83	68	25 - 153	
Chloroform	10.0	9.59	96	79 - 117	
Chloromethane	10.0	7.32	73	44 - 126	
cis-1,2-Dichloroethene	10.0	8.70	87	80 - 113	
cis-1,3-Dichloropropene	10.0	7.41	74	61 - 115	
Cyclohexane	10.0	8.11	81	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	6.05	61	42 - 136	
1,2-Dichlorobenzene	10.0	9.22	92	81 - 110	
1,3-Dichlorobenzene	10.0	9.34	93	80 - 110	
1,4-Dichlorobenzene	10.0	9.17	92	82 - 110	
Bromodichloromethane	10.0	8.58	86	72 - 121	
Dichlorodifluoromethane	10.0	4.56	46	19 - 129	
1,1-Dichloroethane	10.0	9.05	91	82 - 115	
1,2-Dichloroethane	10.0	10.3	103	71 - 127	
1,1-Dichloroethene	10.0	8.72	87	78 - 131	
1,2-Dichloropropane	10.0	9.43	94	81 - 115	
Ethylbenzene	10.0	9.22	92	83 - 112	
1,2-Dibromoethane	10.0	8.68	87	79 - 113	
2-Hexanone	20.0	17.0	85	55 - 133	
Isopropylbenzene	10.0	8.80	88	75 - 114	
Methyl acetate	10.0	9.30	93	58 - 131	J
Methylcyclohexane	10.0	7.94	79	56 - 127	
Methylene Chloride	10.0	8.21	82	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	17.1	86	63 - 128	
Methyl tert-butyl ether	10.0	7.50	75	52 - 144	
Styrene	10.0	9.27	93	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	7.93	79	68 - 118	
Tetrachloroethene	10.0	10.7	107	79 - 114	
Toluene	10.0	9.21	92	84 - 111	
trans-1,2-Dichloroethene	10.0	8.77	88	83 - 117	
trans-1,3-Dichloropropene	10.0	6.99	70	58 - 117	
1,2,4-Trichlorobenzene	10.0	7.47	75	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-6463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6463/4	Analysis Batch:	240-6463	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7300.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/29/2011 0143	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/29/2011 0143				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	8.79	88	74 - 118	
1,1,2-Trichloroethane	10.0	9.42	94	80 - 112	
Trichloroethene	10.0	10.4	104	76 - 117	
Trichlorofluoromethane	10.0	10.5	105	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.69	97	74 - 151	
Vinyl chloride	10.0	6.98	70	53 - 127	
m-Xylene & p-Xylene	20.0	18.3	92	83 - 113	
o-Xylene	10.0	9.19	92	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	92	66 - 117
Dibromofluoromethane (Surr)	99	75 - 121
1,2-Dichloroethane-d4 (Surr)	105	63 - 129
Toluene-d8 (Surr)	102	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-5773 **Method: 8270C**
Preparation: 3520C

Lab Sample ID:	MB 240-5773/1-A	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-5773	Lab File ID:	MB5773.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1639	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.996	J	0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-5773

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5773/1-A	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-5773	Lab File ID:	MB5773.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1639	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	64	28 - 110
2-Fluorophenol (Surr)	71	10 - 110
Nitrobenzene-d5 (Surr)	65	27 - 111
Phenol-d5 (Surr)	71	10 - 110
Terphenyl-d14 (Surr)	75	37 - 119
2,4,6-Tribromophenol (Surr)	64	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-5773

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5773/2-A	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-5773	Lab File ID:	LCA5773.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1659	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	14.0	70	40 - 110	
Acenaphthylene	20.0	14.3	71	43 - 110	
Anthracene	20.0	13.8	69	54 - 114	
Benzo[a]anthracene	20.0	14.2	71	55 - 115	
Benzo[a]pyrene	20.0	12.5	62	43 - 116	
Benzo[b]fluoranthene	20.0	14.4	72	43 - 122	
Benzo[g,h,i]perylene	20.0	15.2	76	45 - 120	
Benzo[k]fluoranthene	20.0	14.8	74	43 - 124	
1,1'-Biphenyl	20.0	13.5	68	50 - 130	
Bis(2-chloroethoxy)methane	20.0	16.0	80	39 - 110	
Bis(2-chloroethyl)ether	20.0	15.8	79	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	13.6	68	36 - 163	
4-Bromophenyl phenyl ether	20.0	14.5	72	51 - 114	
Butyl benzyl phthalate	20.0	14.7	73	53 - 126	
Caprolactam	20.0	15.9	79	50 - 130	
Carbazole	20.0	14.1	70	53 - 120	
4-Chloroaniline	20.0	13.8	69	10 - 110	
4-Chloro-3-methylphenol	20.0	15.2	76	39 - 110	
2-Chloronaphthalene	20.0	14.2	71	39 - 110	
2-Chlorophenol	20.0	15.3	76	27 - 110	
4-Chlorophenyl phenyl ether	20.0	14.4	72	50 - 115	
Chrysene	20.0	14.2	71	55 - 115	
Dibenz(a,h)anthracene	20.0	14.3	72	46 - 122	
Dibenzofuran	20.0	14.5	73	46 - 111	
3,3'-Dichlorobenzidine	20.0	8.42	42	19 - 110	
2,4-Dichlorophenol	20.0	15.6	78	33 - 110	
Diethyl phthalate	20.0	15.0	75	33 - 134	
2,4-Dimethylphenol	20.0	12.5	63	12 - 110	
Dimethyl phthalate	20.0	14.9	74	15 - 143	
Di-n-butyl phthalate	20.0	15.1	76	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	14.4	72	28 - 112	
2,4-Dinitrophenol	20.0	11.8	59	17 - 112	
2,4-Dinitrotoluene	20.0	16.0	80	52 - 123	
Di-n-octyl phthalate	20.0	13.2	66	44 - 128	
Fluoranthene	20.0	14.6	73	54 - 122	
Fluorene	20.0	14.2	71	47 - 112	
Hexachlorobenzene	20.0	14.2	71	51 - 112	
Hexachlorobutadiene	20.0	13.8	69	13 - 110	
Hexachlorocyclopentadiene	20.0	7.58	38	10 - 110	J
Hexachloroethane	20.0	14.3	72	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	14.6	73	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-5773

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5773/2-A	Analysis Batch:	240-8685	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-5773	Lab File ID:	LCA5773.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1659	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	15.0	75	44 - 128	
2-Methylnaphthalene	20.0	17.2	86	35 - 110	
2-Methylphenol	20.0	15.2	76	30 - 110	
Naphthalene	20.0	14.6	73	31 - 110	
2-Nitroaniline	20.0	15.1	75	43 - 130	
3-Nitroaniline	20.0	14.8	74	45 - 116	
4-Nitroaniline	20.0	14.8	74	45 - 120	
2-Nitrophenol	20.0	15.4	77	29 - 110	
4-Nitrophenol	20.0	16.4	82	12 - 130	
N-Nitrosodi-n-propylamine	20.0	15.8	79	37 - 121	
N-Nitrosodiphenylamine	20.0	13.5	68	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	16.2	81	25 - 128	
Pentachlorophenol	20.0	13.6	68	26 - 110	
Phenanthrene	20.0	14.2	71	52 - 114	
Phenol	20.0	16.0	80	14 - 112	
Pyrene	20.0	14.0	70	55 - 120	
2,4,5-Trichlorophenol	20.0	14.7	74	39 - 110	
2,4,6-Trichlorophenol	20.0	15.2	76	35 - 110	
3 & 4 Methylphenol	40.0	30.6	77	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	69	28 - 110
2-Fluorophenol (Surr)	75	10 - 110
Nitrobenzene-d5 (Surr)	78	27 - 111
Phenol-d5 (Surr)	78	10 - 110
Terphenyl-d14 (Surr)	79	37 - 119
2,4,6-Tribromophenol (Surr)	75	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-5780 **Method: 8270C**
Preparation: 3520C

Lab Sample ID:	MB 240-5780/1-A	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5780	Lab File ID:	0707106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 0910	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-5780

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-5780/1-A	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5780	Lab File ID:	0707106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 0910	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	58	28 - 110
2-Fluorophenol (Surr)	53	10 - 110
Nitrobenzene-d5 (Surr)	53	27 - 111
Phenol-d5 (Surr)	46	10 - 110
Terphenyl-d14 (Surr)	69	37 - 119
2,4,6-Tribromophenol (Surr)	30	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-5780

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5780/2-A	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5780	Lab File ID:	0707107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 0927	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	15.3	77	40 - 110	
Acenaphthylene	20.0	15.3	76	43 - 110	
Anthracene	20.0	15.2	76	54 - 114	
Benzo[a]anthracene	20.0	14.3	72	55 - 115	
Benzo[a]pyrene	20.0	12.4	62	43 - 116	
Benzo[b]fluoranthene	20.0	15.1	76	43 - 122	
Benzo[g,h,i]perylene	20.0	15.6	78	45 - 120	
Benzo[k]fluoranthene	20.0	14.4	72	43 - 124	
1,1'-Biphenyl	20.0	15.5	78	50 - 130	
Bis(2-chloroethoxy)methane	20.0	15.0	75	39 - 110	
Bis(2-chloroethyl)ether	20.0	14.8	74	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	14.7	74	36 - 163	
4-Bromophenyl phenyl ether	20.0	15.2	76	51 - 114	
Butyl benzyl phthalate	20.0	14.7	73	53 - 126	
Caprolactam	20.0	10.5	53	50 - 130	
Carbazole	20.0	15.1	76	53 - 120	
4-Chloroaniline	20.0	12.2	61	10 - 110	
4-Chloro-3-methylphenol	20.0	15.2	76	39 - 110	
2-Chloronaphthalene	20.0	15.0	75	39 - 110	
2-Chlorophenol	20.0	15.0	75	27 - 110	
4-Chlorophenyl phenyl ether	20.0	15.8	79	50 - 115	
Chrysene	20.0	14.4	72	55 - 115	
Dibenz(a,h)anthracene	20.0	15.2	76	46 - 122	
Dibenzofuran	20.0	15.1	76	46 - 111	
3,3'-Dichlorobenzidine	20.0	8.24	41	19 - 110	
2,4-Dichlorophenol	20.0	15.5	78	33 - 110	
Diethyl phthalate	20.0	15.1	76	33 - 134	
2,4-Dimethylphenol	20.0	13.2	66	12 - 110	
Dimethyl phthalate	20.0	15.0	75	15 - 143	
Di-n-butyl phthalate	20.0	16.6	83	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	12.4	62	28 - 112	
2,4-Dinitrophenol	20.0	8.58	43	17 - 112	
2,4-Dinitrotoluene	20.0	16.7	84	52 - 123	
Di-n-octyl phthalate	20.0	14.3	72	44 - 128	
Fluoranthene	20.0	16.0	80	54 - 122	
Fluorene	20.0	15.3	76	47 - 112	
Hexachlorobenzene	20.0	15.9	80	51 - 112	
Hexachlorobutadiene	20.0	14.9	74	13 - 110	
Hexachlorocyclopentadiene	20.0	6.92	35	10 - 110	J
Hexachloroethane	20.0	14.0	70	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	15.1	75	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-5780

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-5780/2-A	Analysis Batch:	240-7441	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-5780	Lab File ID:	0707107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/07/2011 0927	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/23/2011 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	13.7	69	44 - 128	
2-Methylnaphthalene	20.0	18.0	90	35 - 110	
2-Methylphenol	20.0	14.7	74	30 - 110	
Naphthalene	20.0	15.1	76	31 - 110	
2-Nitroaniline	20.0	14.2	71	43 - 130	
3-Nitroaniline	20.0	14.3	71	45 - 116	
4-Nitroaniline	20.0	13.6	68	45 - 120	
2-Nitrophenol	20.0	17.1	85	29 - 110	
4-Nitrophenol	20.0	7.96	40	12 - 130	
N-Nitrosodi-n-propylamine	20.0	14.3	71	37 - 121	
N-Nitrosodiphenylamine	20.0	14.1	71	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	13.7	69	25 - 128	
Pentachlorophenol	20.0	6.56	33	26 - 110	
Phenanthrene	20.0	15.3	77	52 - 114	
Phenol	20.0	14.0	70	14 - 112	
Pyrene	20.0	14.2	71	55 - 120	
2,4,5-Trichlorophenol	20.0	15.7	78	39 - 110	
2,4,6-Trichlorophenol	20.0	15.0	75	35 - 110	
3 & 4 Methylphenol	40.0	27.8	70	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	73	28 - 110
2-Fluorophenol (Surr)	69	10 - 110
Nitrobenzene-d5 (Surr)	69	27 - 111
Phenol-d5 (Surr)	71	10 - 110
Terphenyl-d14 (Surr)	80	37 - 119
2,4,6-Tribromophenol (Surr)	78	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-8753

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8753/1-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1915	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	0.944	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	329	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	123	J	72	5000
Magnesium	ND		34	5000
Manganese	ND		0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	9.85	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-8753

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8753/2-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/20/2011 1922	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	2120	106	80 - 120	
Beryllium	50.0	52.1	104	80 - 120	
Calcium	50000	50400	101	80 - 120	
Cadmium	50.0	50.0	100	80 - 120	
Cobalt	500	498	100	80 - 120	
Chromium	200	203	101	80 - 120	
Copper	250	259	103	80 - 120	
Iron	1000	1060	106	80 - 120	
Potassium	50000	52100	104	80 - 120	
Magnesium	50000	51000	102	80 - 120	
Manganese	500	516	103	80 - 120	
Silver	50.0	50.5	101	80 - 120	
Sodium	50000	49900	100	80 - 120	
Nickel	500	501	100	80 - 120	
Vanadium	500	504	101	80 - 120	
Zinc	500	551	110	80 - 120	
Lead	500	500	100	80 - 120	
Selenium	2000	2030	102	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-8753

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8753/1-A	Analysis Batch:	240-9203	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1426	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.161	J	0.14	1.0

Lab Control Sample - Batch: 240-8753

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8753/3-A	Analysis Batch:	240-9203	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8753	Lab File ID:	I80722A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1431	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/18/2011 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9770	98	80 - 120	
Arsenic	1000	999	100	80 - 120	
Antimony	100	101	101	80 - 120	
Thallium	1000	916	92	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-7145

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-7145/1-A	Analysis Batch:	240-7635	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1317	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-7145

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-7145/2-A	Analysis Batch:	240-7635	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7145	Lab File ID:	HG10707A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/07/2011 1318	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/05/2011 1520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.35	87	81 - 123	

Method Blank - Batch: 240-4357 **Method: 300.0**
Preparation: N/A

Lab Sample ID:	MB 240-4357/5	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001009-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 0929	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Method Blank - Batch: 240-4357 **Method: 300.0**
Preparation: N/A

Lab Sample ID:	MB 240-4357/34	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	34240-0001009-034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1754	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Method Blank - Batch: 240-4357 **Method: 300.0**
Preparation: N/A

Lab Sample ID:	MB 240-4357/65	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	66240-0001009-065.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 0311	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	0.208	J	0.12	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample - Batch: 240-4357

Method: 300.0
Preparation: N/A

Lab Sample ID:	LCS 240-4357/35	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	35240-0001009-035.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1811	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	50.0	50.7	101	90 - 110	
Bromide	10.0	9.26	93	90 - 110	
Sulfate	50.0	47.9	96	90 - 110	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-4357

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-4357/6	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001009-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 0946	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-4357/7	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001009-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1004	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	101	101	90 - 110	0	20		
Bromide	93	92	90 - 110	1	20		
Sulfate	96	96	90 - 110	0	20		

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-4357

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-4357/66	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	67240-0001009-066.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 0329	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-4357/67	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	68240-0001009-067.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 0346	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	101	101	90 - 110	0	20		
Bromide	92	93	90 - 110	0	20		
Sulfate	96	95	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Matrix Spike - Batch: 240-4357

Method: 300.0
Preparation: N/A

Lab Sample ID:	240-1315-7	Analysis Batch:	240-4357	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	43240-0001009-042.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2031	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Chloride	20		50.0	76.4	113	80 - 120	
Bromide	0.092	J	10.0	9.61	95	80 - 120	
Sulfate	130		50.0	191	119	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-6932

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-6932/5	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001564-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1533	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-6932

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-6932/6	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001564-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1550	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-6932/7	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001564-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1608	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	93	94	90 - 110	0	20		
Sulfate	96	96	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-6714

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6714/1-A	Analysis Batch:	240-6761	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6714	Lab File ID:	CN063011A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1002	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 0920				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6714

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6714/2-A	Analysis Batch:	240-6761	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6714	Lab File ID:	CN063011A.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1016	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 0920				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.898	0.810	90	69 - 118	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1315-1

Method Blank - Batch: 240-6730

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6730/1-A	Analysis Batch:	240-6794	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6730	Lab File ID:	CN063011B.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1247	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 1139				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6730

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6730/2-A	Analysis Batch:	240-6794	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6730	Lab File ID:	CN063011B.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1303	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 1139				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.898	0.699	78	69 - 118	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6730

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	240-1315-7	Analysis Batch:	240-6794	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6730	Lab File ID:	CN063011B.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1247			Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 1139				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1315-7	Analysis Batch:	240-6794	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6730	Lab File ID:	CN063011B.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1318			Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 1139				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	91	48	42 - 140	62	20		F

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prenger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	6/21/11	807	GW-WT02-062111	Water	6	X	X	X	X	X	X	
2		815	TRIP BLANK-062111-004		1	X						
3		923	GW-WT03-062111		6	X	X	X	X	X	X	
4		1023	GW-WT04-062111		6	X	X	X	X	X	X	
5		1040	GW-WT04-062111-E		6	X	X	X	X	X	X	Eq. Blank
6		1207	GW-WTE1-062111		6	X	X	X	X	X	X	
7		1304	GW-WTE3-062111		6	X	X	X	X	X	X	
8		1408	GW-WT111A-062111		6	X	X	X	X	X	X	
9		1533	GW-WT118B-062111		6	X	X	X	X	X	X	
10	6/21/11	1540	GW-WT118B-062111-D	Water	6	X	X	X	X	X	X	

TOTAL NUMBER OF CONTAINERS 55

RELINQUISHED BY: (1) _____	DATE: 6/21/11 TIME: 1645	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4478

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SAMPLE TEAM: Tim Prenger, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 6/22/11 TIME: 0930

2540

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HEMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Rangel

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOCs	REMARKS
1	6/21/11	807	GW-WT02-062111	Water	2	X	
2		923	GW-WT03-062111		2	X	
3		1023	GW-WT04-062111		2	X	
4		1040	GW-WT04-062111-E		2	X	Eq. Blank
5		1207	GW-WTE1-062111		2	X	
6	6/21/11	1304	GW-WTE3-062111	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		12		

RELINQUISHED BY: ① [signature]	DATE: 6/21/11 TIME: 1695	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4978

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Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Rangel, Nick Hill

RECEIVED FOR LABORATORY BY: [signature] DATE: 6-22-11 TIME: 0930

2537

400001-00(SOURCE)GN-CO007

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** Tim Prenger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SVOCs										REMARKS
1	6/21/11	1428	GW-WT111A-062111	Water	2	X										
2	↓	1533	GW-WT118B-062111	↓	2	X										
3	6/21/11	1540	GW-WT118B-062111-D	Water	2	X										
			TOTAL NUMBER OF CONTAINERS		6											

RELINQUISHED BY:	DATE: / TIME:	RECEIVED BY:	DATE: / TIME:
① [signature]	DATE: 6/21/11 TIME: 1645	②	DATE: TIME:
②	DATE: TIME:	③	DATE: TIME:
③	DATE: TIME:	④	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 2398 4478

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prenger, Nick Hill

RECEIVED FOR LABORATORY BY: [signature]
DATE: 6-22-11 TIME: 0930

2538

400001-00(SOURCE)GN-CO007

07/29/2011

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project Himco By: [signature] (Signature)
Cooler Received on 6-22-11 Opened on 6-22-11
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 6 Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☑
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.
Sample(s)_____ were received in a broken container.
Sample(s)_____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
WT02	12 712	6-22-11	[initials]
WT03	12 712		
WT04	12 712		
WT04E	12 712		
WT E1	12 712		
WT E3	12 712		
WT11AA	12 712		
WT118B	12 712		
WT118BD	12 712		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
A578	2.3	IR	ICP
TA5	1.6		
C154	2.0		

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-1315-1

Login Number: 1315

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3/1.6/2.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-1407-1

Job Description: 39611-40 HIMCO

For:
Conestoga-Rovers & Associates, Inc.
6520 Corporate Drive
Indianapolis, IN 46278

Attention: Mr. Steve Day

Approved for release.
Amy L McCormick
Project Manager II
8/18/2011 9:39 AM

Amy L McCormick
Project Manager II
amy.mccormick@testamericainc.com
08/18/2011

cc: EDD CRA
CRA Tracking CRA Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 39611-40 HIMCO

Report Number: 240-1407-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/24/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.9 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT116A-062211 (240-1407-1), TRIPBLANK-062211-005 (240-1407-2), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/30/2011 and 07/05/2011.

2-Butanone (MEK) and Acetone were detected in method blank MB 240-6768/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: GW-WT115B-062211, GW-WT119B-062211. Elevated reporting limits (RLs) are provided.

The laboratory control sample (LCS) for batch 7131 exceeded control limits for the following analytes: 1,1,2-Trichloroethane and 1,1,2,2-Tetrachloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WT116A-062211 (240-1407-1), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 07/15/2011, 07/19/2011 and 07/20/2011.

Bis(2-ethylhexyl) phthalate and Phenol were detected in method blank MB 240-6317/23-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

1,1'-Biphenyl, 4,6-Dinitro-2-methylphenol, Benzo[a]anthracene and Caprolactam failed the recovery criteria low for the MS of sample GW-WT101B-062311MS (240-1407-10) in batch 240-9107.

Several analytes exceeded the rpd limit for the MSD of sample GW-WT101B-062311MSD (240-1407-10) in batch 240-9529.

Refer to the QC report for details.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples GW-WT116A-062211 (240-1407-1), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 07/21/2011.

Several analytes were detected in method blank MB 240-8858/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Barium, Calcium and Potassium were detected in method blank MB 240-8860/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-WT116A-062211 (240-1407-1), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were analyzed on 07/27/2011, 07/30/2011 and 08/05/2011.

Thallium was detected in method blank MB 240-10725/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Antimony and Thallium were detected in method blank MB 240-8858/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Sample GW-WT115A-062211 (240-1407-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted due to the nature of the sample matrix: GW-WT116B-062211. Elevated reporting limits (RLs) are provided.

The QC batch 8858 for 6020 is reported without an MS/MSD. The MS/MSD was performed on another client's sample within the batch and was cancelled. The MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. Ongoing evaluation and monitoring of the LCS provides long-term precision and accuracy for the method

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-WT116A-062211 (240-1407-1), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were analyzed on 07/08/2011 and 07/13/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Samples GW-WT116A-062211 (240-1407-1), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 07/01/2011, 07/02/2011, 07/05/2011 and 07/08/2011.

Chloride failed the recovery criteria high for the MS of sample GW-WT103A-062311MS (240-1407-13) in batch 240-6899.

Samples GW-WT116A-062211 (240-1407-1)[5X], GW-WT115B-062211 (240-1407-6)[5X], GW-WT119B-062211 (240-1407-7)[5X], GW-WT101A-062311 (240-1407-8)[5X], GW-WT101B-062311 (240-1407-10)[5X] and GW-WT103A-062311 (240-1407-13)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Refer to the QC report for details.

No other difficulties were encountered during the anions analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples GW-WT116A-062211 (240-1407-1), GW-WT116B-062211 (240-1407-3), GW-WT115A-062211 (240-1407-4), GW-WT115C-062211 (240-1407-5), GW-WT115B-062211 (240-1407-6), GW-WT119B-062211 (240-1407-7), GW-WT101A-062311 (240-1407-8), GW-WT101D-062311 (240-1407-9), GW-WT101B-062311 (240-1407-10), GW-WT101C-062311 (240-1407-11), GW-WT101E-062311 (240-1407-12) and GW-WT103A-062311 (240-1407-13) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 06/30/2011 and 07/01/2011.

Total Cyanide failed the recovery criteria high for the MS of sample GW-WT101B-062311MS (240-1407-10) in batch 240-6936.

Total Cyanide exceeded the rpd limit for the MSD of sample GW-WT101B-062311MSD (240-1407-10) in batch 240-6936.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-1	**GW-WT116A-062211**					
Acetone		6.2	J B	10	ug/L	8260B
Benzene		1.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.63	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.8		1.0	ug/L	8260B
Toluene		0.15	J	1.0	ug/L	8260B
Trichloroethene		1.5		1.0	ug/L	8260B
Chloride		8.7		1.0	mg/L	300.0
Bromide		1.3		0.50	mg/L	300.0
Sulfate		670		5.0	mg/L	300.0
Total Recoverable						
Barium		130	J B	200	ug/L	6010B
Calcium		420000	B	5000	ug/L	6010B
Cobalt		8.2	J	50	ug/L	6010B
Copper		33		25	ug/L	6010B
Iron		14000		100	ug/L	6010B
Potassium		14000	B	5000	ug/L	6010B
Magnesium		36000		5000	ug/L	6010B
Manganese		1000	B	15	ug/L	6010B
Sodium		70000		5000	ug/L	6010B
Nickel		16	J	40	ug/L	6010B
Vanadium		1.7	J	50	ug/L	6010B
Zinc		66		20	ug/L	6010B
Arsenic		6.4		1.0	ug/L	6020
Antimony		0.51	J B	2.0	ug/L	6020
Thallium		0.20	J B	1.0	ug/L	6020
240-1407-2TB	**TRIPBLANK-062211-005**					
Acetone		6.6	J B	10	ug/L	8260B
Methylene Chloride		1.0		1.0	ug/L	8260B
Toluene		0.44	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-3	**GW-WT116B-062211**					
Acetone		5.1	J B	10	ug/L	8260B
Vinyl chloride		0.48	J	1.0	ug/L	8260B
Chloride		36		1.0	mg/L	300.0
Bromide		0.15	J	0.50	mg/L	300.0
Sulfate		110		1.0	mg/L	300.0
Total Recoverable						
Barium		130	J B	200	ug/L	6010B
Calcium		140000	B	5000	ug/L	6010B
Iron		3000		100	ug/L	6010B
Potassium		7900	B	5000	ug/L	6010B
Magnesium		12000		5000	ug/L	6010B
Manganese		150	B	15	ug/L	6010B
Sodium		20000		5000	ug/L	6010B
Zinc		7.3	J	20	ug/L	6010B
Arsenic		0.91	J	1.0	ug/L	6020
240-1407-4	**GW-WT115A-062211**					
Acetone		2.9	J B	10	ug/L	8260B
Mercury		0.12	J	0.20	ug/L	7470A
Chloride		2.2		1.0	mg/L	300.0
Sulfate		14		1.0	mg/L	300.0
Total Recoverable						
Barium		140	J B	200	ug/L	6010B
Calcium		26000	B	5000	ug/L	6010B
Cobalt		5.7	J	50	ug/L	6010B
Chromium		31		10	ug/L	6010B
Copper		34		25	ug/L	6010B
Iron		11000		100	ug/L	6010B
Potassium		2300	J B	5000	ug/L	6010B
Magnesium		5500		5000	ug/L	6010B
Manganese		66	B	15	ug/L	6010B
Sodium		5200		5000	ug/L	6010B
Nickel		31	J	40	ug/L	6010B
Vanadium		43	J	50	ug/L	6010B
Zinc		80		20	ug/L	6010B
Lead		13		3.0	ug/L	6010B
Aluminum		31000		50	ug/L	6020
Arsenic		3.7		1.0	ug/L	6020
Antimony		0.74	J B	10	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-5	**GW-WT115C-062211**					
Acetone		2.1	J B	10	ug/L	8260B
Carbon disulfide		0.31	J	1.0	ug/L	8260B
Dichlorodifluoromethane		0.45	J	1.0	ug/L	8260B
1,1-Dichloroethane		3.2		1.0	ug/L	8260B
Acetophenone		2.5		1.1	ug/L	8270C
Bis(2-ethylhexyl) phthalate		1.1	J	2.1	ug/L	8270C
Chloride		34		1.0	mg/L	300.0
Bromide		0.22	J	0.50	mg/L	300.0
Sulfate		140		1.0	mg/L	300.0
Total Recoverable						
Barium		72	J B	200	ug/L	6010B
Calcium		150000	B	5000	ug/L	6010B
Iron		3900		100	ug/L	6010B
Potassium		3300	J B	5000	ug/L	6010B
Magnesium		24000		5000	ug/L	6010B
Manganese		79	B	15	ug/L	6010B
Sodium		20000		5000	ug/L	6010B
Arsenic		2.5		1.0	ug/L	6020
240-1407-6	**GW-WT115B-062211**					
Acetone		15	J B	100	ug/L	8260B
Benzene		29		10	ug/L	8260B
Carbon disulfide		3.3	J	10	ug/L	8260B
1,1-Dichloroethane		7.2	J	10	ug/L	8260B
Ethylbenzene		2.5	J	10	ug/L	8260B
Toluene		3.2	J	10	ug/L	8260B
Xylenes, Total		7.3	J	20	ug/L	8260B
2,4-Dimethylphenol		3.7		2.0	ug/L	8270C
3 & 4 Methylphenol		1.9	J	2.0	ug/L	8270C
Chloride		23		1.0	mg/L	300.0
Bromide		0.81		0.50	mg/L	300.0
Sulfate		260		5.0	mg/L	300.0
Cyanide, Total		0.0097	J	0.010	mg/L	9012A
Total Recoverable						
Barium		180	J B	200	ug/L	6010B
Calcium		430000	B	5000	ug/L	6010B
Chromium		3.8	J	10	ug/L	6010B
Potassium		9400	B	5000	ug/L	6010B
Magnesium		18000		5000	ug/L	6010B
Manganese		0.49	J B	15	ug/L	6010B
Sodium		41000		5000	ug/L	6010B
Vanadium		16	J	50	ug/L	6010B
Arsenic		3.6		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-7	**GW-WT119B-062211**					
Acetone		4.2	J B	20	ug/L	8260B
Chloride		24		1.0	mg/L	300.0
Bromide		0.88		0.50	mg/L	300.0
Sulfate		280		5.0	mg/L	300.0
Cyanide, Total		0.037		0.010	mg/L	9012A
Total Recoverable						
Barium		82	J B	200	ug/L	6010B
Calcium		160000	B	5000	ug/L	6010B
Chromium		2.5	J	10	ug/L	6010B
Iron		1300		100	ug/L	6010B
Potassium		11000	B	5000	ug/L	6010B
Magnesium		62000		5000	ug/L	6010B
Manganese		180	B	15	ug/L	6010B
Sodium		53000		5000	ug/L	6010B
Vanadium		5.5	J	50	ug/L	6010B
Aluminum		140		50	ug/L	6020
Arsenic		3.2		1.0	ug/L	6020
Antimony		0.17	J B	2.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-8	**GW-WT101A-062311**					
Acetone		1.6	J B	10	ug/L	8260B
Benzene		2.0		1.0	ug/L	8260B
Chlorobenzene		0.44	J	1.0	ug/L	8260B
Chloroethane		1.2		1.0	ug/L	8260B
Cyclohexane		0.37	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		2.1		1.0	ug/L	8260B
1,1-Dichloroethane		4.7		1.0	ug/L	8260B
Isopropylbenzene		0.21	J	1.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		1.4	J B	2.0	ug/L	8270C
Diethyl phthalate		2.8		1.0	ug/L	8270C
Naphthalene		0.63		0.20	ug/L	8270C
Chloride		17		1.0	mg/L	300.0
Bromide		0.25	J	0.50	mg/L	300.0
Sulfate		330		5.0	mg/L	300.0
Total Recoverable						
Barium		77	J B	200	ug/L	6010B
Calcium		260000	B	5000	ug/L	6010B
Chromium		25		10	ug/L	6010B
Iron		29000		100	ug/L	6010B
Potassium		3400	J B	5000	ug/L	6010B
Magnesium		13000		5000	ug/L	6010B
Manganese		1900	B	15	ug/L	6010B
Sodium		17000		5000	ug/L	6010B
Nickel		13	J	40	ug/L	6010B
Vanadium		0.71	J	50	ug/L	6010B
Aluminum		33	J	50	ug/L	6020
Arsenic		6.2		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-9	**GW-WT101D-062311**					
Acetone		12	B	10	ug/L	8260B
2-Butanone (MEK)		5.0	J B	10	ug/L	8260B
Carbon disulfide		1.3		1.0	ug/L	8260B
1,1-Dichloroethane		2.7		1.0	ug/L	8260B
2-Hexanone		1.2	J	10	ug/L	8260B
4-Methyl-2-pentanone (MIBK)		0.57	J	10	ug/L	8260B
Acetophenone		0.58	J	1.0	ug/L	8270C
Bis(2-ethylhexyl) phthalate		0.85	J B	2.1	ug/L	8270C
Phenol		3.7	B	1.0	ug/L	8270C
3 & 4 Methylphenol		2.0	J	2.1	ug/L	8270C
Chloride		38		1.0	mg/L	300.0
Bromide		0.10	J	0.50	mg/L	300.0
Sulfate		53		1.0	mg/L	300.0
Cyanide, Total		0.011		0.010	mg/L	9012A
Total Recoverable						
Barium		51	J B	200	ug/L	6010B
Calcium		90000	B	5000	ug/L	6010B
Iron		1400		100	ug/L	6010B
Potassium		1300	J B	5000	ug/L	6010B
Magnesium		19000		5000	ug/L	6010B
Manganese		63	B	15	ug/L	6010B
Sodium		19000		5000	ug/L	6010B
Aluminum		49	J	50	ug/L	6020
Arsenic		1.4		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-10	**GW-WT101B-062311**					
Acetone		4.6	J B	10	ug/L	8260B
2-Butanone (MEK)		3.7	J B	10	ug/L	8260B
Carbon disulfide		1.8		1.0	ug/L	8260B
1,1-Dichloroethane		0.47	J	1.0	ug/L	8260B
Acetophenone		2.0		1.0	ug/L	8270C
Chloride		30		1.0	mg/L	300.0
Bromide		0.19	J	0.50	mg/L	300.0
Sulfate		21		5.0	mg/L	300.0
Cyanide, Total		0.050		0.010	mg/L	9012A
Total Recoverable						
Barium		81	J B	200	ug/L	6010B
Calcium		91000	B	5000	ug/L	6010B
Chromium		8.6	J	10	ug/L	6010B
Iron		270		100	ug/L	6010B
Potassium		22000	B	5000	ug/L	6010B
Magnesium		38000		5000	ug/L	6010B
Manganese		50		15	ug/L	6010B
Sodium		25000		5000	ug/L	6010B
Nickel		5.1	J	40	ug/L	6010B
Zinc		5.1	J	20	ug/L	6010B
Arsenic		1.6		1.0	ug/L	6020
Antimony		0.61	J	2.0	ug/L	6020
Thallium		1.5	B	1.0	ug/L	6020
240-1407-11	**GW-WT101C-062311**					
Acetone		2.0	J B	10	ug/L	8260B
2-Butanone (MEK)		0.58	J B	10	ug/L	8260B
Bis(2-ethylhexyl) phthalate		2.6	B	2.3	ug/L	8270C
Chloride		2.8		1.0	mg/L	300.0
Bromide		0.12	J	0.50	mg/L	300.0
Total Recoverable						
Barium		92	J B	200	ug/L	6010B
Calcium		52000	B	5000	ug/L	6010B
Chromium		4.7	J	10	ug/L	6010B
Iron		830		100	ug/L	6010B
Potassium		11000	B	5000	ug/L	6010B
Magnesium		21000		5000	ug/L	6010B
Manganese		17		15	ug/L	6010B
Sodium		21000		5000	ug/L	6010B
Nickel		5.1	J	40	ug/L	6010B
Arsenic		5.9		1.0	ug/L	6020
Antimony		0.35	J	2.0	ug/L	6020
Thallium		2.0	B	1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1407-12	**GW-WT101E-062311**					
Acetone		13		10	ug/L	8260B
2-Butanone (MEK)		6.0	J	10	ug/L	8260B
Carbon disulfide		1.8		1.0	ug/L	8260B
1,1-Dichloroethane		1.8		1.0	ug/L	8260B
2-Hexanone		1.1	J	10	ug/L	8260B
4-Methyl-2-pentanone (MIBK)		0.42	J	10	ug/L	8260B
Toluene		0.15	J	1.0	ug/L	8260B
Acetophenone		0.99	J	1.1	ug/L	8270C
Bis(2-ethylhexyl) phthalate		2.6	B	2.2	ug/L	8270C
Di-n-octyl phthalate		1.0	J	1.1	ug/L	8270C
Phenol		12	B	1.1	ug/L	8270C
Chloride		33		1.0	mg/L	300.0
Sulfate		28		1.0	mg/L	300.0
Cyanide, Total		0.048		0.010	mg/L	9012A
Total Recoverable						
Barium		66	J B	200	ug/L	6010B
Calcium		93000	B	5000	ug/L	6010B
Iron		260		100	ug/L	6010B
Potassium		4000	J B	5000	ug/L	6010B
Magnesium		13000		5000	ug/L	6010B
Manganese		54		15	ug/L	6010B
Sodium		15000		5000	ug/L	6010B
Arsenic		2.8		1.0	ug/L	6020
Antimony		0.13	J	2.0	ug/L	6020
Thallium		0.57	J B	1.0	ug/L	6020
240-1407-13	**GW-WT103A-062311**					
Carbon disulfide		0.14	J	1.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		1.4	J B	1.9	ug/L	8270C
Chloride		22		1.0	mg/L	300.0
Sulfate		160		5.0	mg/L	300.0
Total Recoverable						
Barium		54	J B	200	ug/L	6010B
Calcium		130000	B	5000	ug/L	6010B
Iron		890		100	ug/L	6010B
Potassium		1900	J B	5000	ug/L	6010B
Magnesium		20000		5000	ug/L	6010B
Manganese		270		15	ug/L	6010B
Sodium		13000		5000	ug/L	6010B
Aluminum		54		50	ug/L	6020
Arsenic		2.0		1.0	ug/L	6020
Antimony		0.13	J	2.0	ug/L	6020
Thallium		0.46	J B	1.0	ug/L	6020

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
TCL VOA	TAL NC	SW846 8260B	
Purge and Trap	TAL NC		SW846 5030B
TCL Semivolatile Compounds (OLMO4.2)	TAL NC	SW846 8270C	
Liquid-Liquid Extraction (Continuous)			SW846 3520C
TAL Metals	TAL NC	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
TAL Metals	TAL NC	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
Total Mercury	TAL NC	SW846 7470A	
Preparation, Mercury			SW846 7470A
Anions, Ion Chromatography	TAL NC	MCAWW 300.0	
Total Cyanide (Automated Colorimetric]	TAL NC	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation			SW846 9012A

Lab References:

TAL NC = TestAmerica North Canton

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method	Analyst	Analyst ID
SW846 8260B	Williams, Larry	LW
SW846 8270C	Hula, Tom	TH
SW846 8270C	Ulman, Mark	MU
SW846 6010B	Counts, Karen	KC
SW846 6020	Musselman, Natalie J	NJM
SW846 7470A	Davies, Brian	BD
MCAWW 300.0	Grossman, Lucas	LG
SW846 9012A	Menapace, Jason	JM
SW846 9012A	Woodward, Bruce	BW

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-1407-1	GW-WT116A-062211	Water	06/22/2011 0843	06/24/2011 0930
240-1407-2TB	TRIPBLANK-062211-005	Water	06/22/2011 0900	06/24/2011 0930
240-1407-3	GW-WT116B-062211	Water	06/22/2011 0952	06/24/2011 0930
240-1407-4	GW-WT115A-062211	Water	06/22/2011 1123	06/24/2011 0930
240-1407-5	GW-WT115C-062211	Water	06/22/2011 1303	06/24/2011 0930
240-1407-6	GW-WT115B-062211	Water	06/22/2011 1408	06/24/2011 0930
240-1407-7	GW-WT119B-062211	Water	06/22/2011 1530	06/24/2011 0930
240-1407-8	GW-WT101A-062311	Water	06/23/2011 0804	06/24/2011 0930
240-1407-9	GW-WT101D-062311	Water	06/23/2011 0905	06/24/2011 0930
240-1407-10	GW-WT101B-062311	Water	06/23/2011 1022	06/24/2011 0930
240-1407-10MS	GW-WT101B-062311	Water	06/23/2011 1022	06/24/2011 0930
240-1407-10MSD	GW-WT101B-062311	Water	06/23/2011 1022	06/24/2011 0930
240-1407-11	GW-WT101C-062311	Water	06/23/2011 1136	06/24/2011 0930
240-1407-12	GW-WT101E-062311	Water	06/23/2011 1237	06/24/2011 0930
240-1407-13	GW-WT103A-062311	Water	06/23/2011 1455	06/24/2011 0930

SAMPLE RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7392.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1857			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.2	J B	1.1	10
Benzene	1.2		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	0.63	J	0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	1.8		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.15	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	1.5		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7392.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1857			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	94		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
Toluene-d8 (Surr)	103		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **TRIPBLANK-062211-005**

Lab Sample ID: 240-1407-2TB Date Sampled: 06/22/2011 0900
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7393.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1919			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1919				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.6	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	1.0		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.44	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **TRIPBLANK-062211-005**

Lab Sample ID: 240-1407-2TB Date Sampled: 06/22/2011 0900
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7393.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1919			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1919				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
Toluene-d8 (Surr)	103		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7394.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1942			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.1	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7394.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1942			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	0.48	J	0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
Toluene-d8 (Surr)	104		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7395.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2004			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.9	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7395.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2004			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	94		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
Toluene-d8 (Surr)	104		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7396.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2026			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2026				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.31	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	0.45	J	0.31	1.0
1,1-Dichloroethane	3.2		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7396.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2026			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2026				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	98		66 - 117
Dibromofluoromethane (Surr)	96		75 - 121
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
Toluene-d8 (Surr)	104		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7397.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2049			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15	J B	11	100
Benzene	29		1.3	10
Bromoform	ND		6.4	10
Bromomethane	ND		4.1	10
2-Butanone (MEK)	ND		5.7	100
Carbon disulfide	3.3	J	1.3	10
Carbon tetrachloride	ND		1.3	10
Chlorobenzene	ND		1.5	10
Dibromochloromethane	ND		1.8	10
Chloroethane	ND		2.9	10
Chloroform	ND		1.6	10
Chloromethane	ND		3.0	10
cis-1,2-Dichloroethene	ND		1.7	10
cis-1,3-Dichloropropene	ND		1.4	10
Cyclohexane	ND		1.2	10
1,2-Dibromo-3-Chloropropane	ND		6.7	20
1,2-Dichlorobenzene	ND		1.3	10
1,3-Dichlorobenzene	ND		1.4	10
1,4-Dichlorobenzene	ND		1.3	10
Bromodichloromethane	ND		1.5	10
Dichlorodifluoromethane	ND		3.1	10
1,1-Dichloroethane	7.2	J	1.5	10
1,2-Dichloroethane	ND		2.2	10
1,1-Dichloroethene	ND		1.9	10
1,2-Dichloropropane	ND		1.8	10
Ethylbenzene	2.5	J	1.7	10
1,2-Dibromoethane	ND		2.4	10
2-Hexanone	ND		4.1	100
Isopropylbenzene	ND		1.3	10
Methyl acetate	ND		3.8	100
Methylcyclohexane	ND		1.3	10
Methylene Chloride	ND		3.3	10
4-Methyl-2-pentanone (MIBK)	ND		3.2	100
Methyl tert-butyl ether	ND		1.7	50
Styrene	ND		1.1	10
1,1,2,2-Tetrachloroethane	ND		1.8	10
Tetrachloroethene	ND		2.9	10
Toluene	3.2	J	1.3	10
trans-1,2-Dichloroethene	ND		1.9	10
trans-1,3-Dichloropropene	ND		1.9	10
1,2,4-Trichlorobenzene	ND		1.5	10
1,1,1-Trichloroethane	ND		2.2	10
1,1,2-Trichloroethane	ND		2.7	10
Trichloroethene	ND		1.7	10
Trichlorofluoromethane	ND		2.1	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.8	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7397.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2049			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		2.2	10
Xylenes, Total	7.3	J	2.8	20

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		66 - 117
Dibromofluoromethane (Surr)	98		75 - 121
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
Toluene-d8 (Surr)	103		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7398.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2111			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.2	J B	2.2	20
Benzene	ND		0.26	2.0
Bromoform	ND		1.3	2.0
Bromomethane	ND		0.82	2.0
2-Butanone (MEK)	ND		1.1	20
Carbon disulfide	ND		0.26	2.0
Carbon tetrachloride	ND		0.26	2.0
Chlorobenzene	ND		0.30	2.0
Dibromochloromethane	ND		0.36	2.0
Chloroethane	ND		0.58	2.0
Chloroform	ND		0.32	2.0
Chloromethane	ND		0.60	2.0
cis-1,2-Dichloroethene	ND		0.34	2.0
cis-1,3-Dichloropropene	ND		0.28	2.0
Cyclohexane	ND		0.24	2.0
1,2-Dibromo-3-Chloropropane	ND		1.3	4.0
1,2-Dichlorobenzene	ND		0.26	2.0
1,3-Dichlorobenzene	ND		0.28	2.0
1,4-Dichlorobenzene	ND		0.26	2.0
Bromodichloromethane	ND		0.30	2.0
Dichlorodifluoromethane	ND		0.62	2.0
1,1-Dichloroethane	ND		0.30	2.0
1,2-Dichloroethane	ND		0.44	2.0
1,1-Dichloroethene	ND		0.38	2.0
1,2-Dichloropropane	ND		0.36	2.0
Ethylbenzene	ND		0.34	2.0
1,2-Dibromoethane	ND		0.48	2.0
2-Hexanone	ND		0.82	20
Isopropylbenzene	ND		0.26	2.0
Methyl acetate	ND		0.76	20
Methylcyclohexane	ND		0.26	2.0
Methylene Chloride	ND		0.66	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.64	20
Methyl tert-butyl ether	ND		0.34	10
Styrene	ND		0.22	2.0
1,1,2,2-Tetrachloroethane	ND		0.36	2.0
Tetrachloroethene	ND		0.58	2.0
Toluene	ND		0.26	2.0
trans-1,2-Dichloroethene	ND		0.38	2.0
trans-1,3-Dichloropropene	ND		0.38	2.0
1,2,4-Trichlorobenzene	ND		0.30	2.0
1,1,1-Trichloroethane	ND		0.44	2.0
1,1,2-Trichloroethane	ND		0.54	2.0
Trichloroethene	ND		0.34	2.0
Trichlorofluoromethane	ND		0.42	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.56	2.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7398.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2111			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.44	2.0
Xylenes, Total	ND		0.56	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		66 - 117
Dibromofluoromethane (Surr)	97		75 - 121
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
Toluene-d8 (Surr)	101		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7399.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2133			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.6	J B	1.1	10
Benzene	2.0		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	0.44	J	0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	1.2		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	0.37	J	0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	2.1		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	4.7		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	0.21	J	0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7399.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2133			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	98		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7400.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2156			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2156				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	12	B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	5.0	J B	0.57	10
Carbon disulfide	1.3		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	2.7		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	1.2	J	0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	0.57	J	0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7400.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2156			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2156				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	97		66 - 117
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
Toluene-d8 (Surr)	99		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7402.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2240			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.6	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	3.7	J B	0.57	10
Carbon disulfide	1.8		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	0.47	J	0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7402.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2240			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 117
Dibromofluoromethane (Surr)	93		75 - 121
1,2-Dichloroethane-d4 (Surr)	84		63 - 129
Toluene-d8 (Surr)	96		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7401.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2218			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2218				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	0.58	J B	0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7401.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2218			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2218				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	94		66 - 117
Dibromofluoromethane (Surr)	96		75 - 121
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
Toluene-d8 (Surr)	102		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7511.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1248			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	13		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	6.0	J	0.57	10
Carbon disulfide	1.8		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	1.8		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	1.1	J	0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	0.42	J	0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND	*	0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.15	J	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND	*	0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7511.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1248			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
Toluene-d8 (Surr)	107		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7512.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1310			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1310				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	0.14	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND	*	0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND	*	0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455
Client Matrix: Water Date Received: 06/24/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7512.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1310			Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1310				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		66 - 117
Dibromofluoromethane (Surr)	87		75 - 121
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
Toluene-d8 (Surr)	102		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715113.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	07/15/2011 1259			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.1
4-Bromophenyl phenyl ether	ND		0.82	2.1
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.1
4-Chloro-3-methylphenol	ND		0.82	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.2
2,4-Dichlorophenol	ND		0.82	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.82	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.69	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.82	5.2
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715113.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	07/15/2011 1259			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.82	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.82	2.1
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.82	5.2
3 & 4 Methylphenol	ND		0.77	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		28 - 110
2-Fluorophenol (Surr)	54		10 - 110
Nitrobenzene-d5 (Surr)	52		27 - 111
Phenol-d5 (Surr)	56		10 - 110
Terphenyl-d14 (Surr)	47		37 - 119
2,4,6-Tribromophenol (Surr)	55		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715114.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1315			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.27	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715114.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1315			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		28 - 110
2-Fluorophenol (Surr)	53		10 - 110
Nitrobenzene-d5 (Surr)	50		27 - 111
Phenol-d5 (Surr)	56		10 - 110
Terphenyl-d14 (Surr)	60		37 - 119
2,4,6-Tribromophenol (Surr)	54		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715115.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	07/15/2011 1332			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.82	2.1
4-Bromophenyl phenyl ether	ND		0.82	2.1
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.1
4-Chloro-3-methylphenol	ND		0.82	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.2
2,4-Dichlorophenol	ND		0.82	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.82	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.69	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.82	5.2
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715115.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	07/15/2011 1332			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.82	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.82	2.1
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.82	5.2
3 & 4 Methylphenol	ND		0.77	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		28 - 110
2-Fluorophenol (Surr)	57		10 - 110
Nitrobenzene-d5 (Surr)	54		27 - 111
Phenol-d5 (Surr)	58		10 - 110
Terphenyl-d14 (Surr)	40		37 - 119
2,4,6-Tribromophenol (Surr)	48		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715116.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Analysis Date:	07/15/2011 1349			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.11	0.21
Acenaphthylene	ND		0.11	0.21
Acetophenone	2.5		0.36	1.1
Anthracene	ND		0.11	0.21
Atrazine	ND		0.36	1.1
Benzaldehyde	ND		0.41	1.1
Benzo[a]anthracene	ND		0.11	0.21
Benzo[a]pyrene	ND		0.11	0.21
Benzo[b]fluoranthene	ND		0.11	0.21
Benzo[g,h,i]perylene	ND		0.11	0.21
Benzo[k]fluoranthene	ND		0.11	0.21
1,1'-Biphenyl	ND		0.84	1.1
Bis(2-chloroethoxy)methane	ND		0.34	1.1
Bis(2-chloroethyl)ether	ND		0.11	1.1
Bis(2-ethylhexyl) phthalate	1.1	J	0.84	2.1
4-Bromophenyl phenyl ether	ND		0.84	2.1
Butyl benzyl phthalate	ND		0.84	1.1
Caprolactam	ND		0.84	5.3
Carbazole	ND		0.29	1.1
4-Chloroaniline	ND		0.84	2.1
4-Chloro-3-methylphenol	ND		0.84	2.1
2-Chloronaphthalene	ND		0.11	1.1
2-Chlorophenol	ND		0.31	1.1
4-Chlorophenyl phenyl ether	ND		0.32	2.1
Chrysene	ND		0.11	0.21
Dibenz(a,h)anthracene	ND		0.11	0.21
Dibenzofuran	ND		0.11	1.1
3,3'-Dichlorobenzidine	ND		0.39	5.3
2,4-Dichlorophenol	ND		0.84	2.1
Diethyl phthalate	ND		0.63	1.1
2,4-Dimethylphenol	ND		0.84	2.1
Dimethyl phthalate	ND		0.31	1.1
Di-n-butyl phthalate	ND		0.71	1.1
4,6-Dinitro-2-methylphenol	ND		2.5	5.3
2,4-Dinitrophenol	ND		2.5	5.3
2,4-Dinitrotoluene	ND		0.28	5.3
2,6-Dinitrotoluene	ND		0.84	5.3
Di-n-octyl phthalate	ND		0.84	1.1
Fluoranthene	ND		0.11	0.21
Fluorene	ND		0.11	0.21
Hexachlorobenzene	ND		0.11	0.21
Hexachlorobutadiene	ND		0.28	1.1
Hexachlorocyclopentadiene	ND		0.84	11
Hexachloroethane	ND		0.84	1.1
Indeno[1,2,3-cd]pyrene	ND		0.11	0.21
Isophorone	ND		0.28	1.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715116.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Analysis Date:	07/15/2011 1349			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.11	0.21
2-Methylphenol	ND		0.84	1.1
Naphthalene	ND		0.11	0.21
2-Nitroaniline	ND		0.84	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.84	2.1
Nitrobenzene	ND		0.042	1.1
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.3
N-Nitrosodi-n-propylamine	ND		0.84	1.1
N-Nitrosodiphenylamine	ND		0.33	1.1
2,2'-oxybis[1-chloropropane]	ND		0.42	1.1
Pentachlorophenol	ND		2.5	5.3
Phenanthrene	ND		0.11	0.21
Phenol	ND		0.63	1.1
Pyrene	ND		0.11	0.21
2,4,5-Trichlorophenol	ND		0.32	5.3
2,4,6-Trichlorophenol	ND		0.84	5.3
3 & 4 Methylphenol	ND		0.79	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		28 - 110
2-Fluorophenol (Surr)	58		10 - 110
Nitrobenzene-d5 (Surr)	56		27 - 111
Phenol-d5 (Surr)	60		10 - 110
Terphenyl-d14 (Surr)	63		37 - 119
2,4,6-Tribromophenol (Surr)	59		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715117.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1406			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.098	0.20
Acenaphthylene	ND		0.098	0.20
Acetophenone	ND		0.33	0.98
Anthracene	ND		0.098	0.20
Atrazine	ND		0.33	0.98
Benzaldehyde	ND		0.38	0.98
Benzo[a]anthracene	ND		0.098	0.20
Benzo[a]pyrene	ND		0.098	0.20
Benzo[b]fluoranthene	ND		0.098	0.20
Benzo[g,h,i]perylene	ND		0.098	0.20
Benzo[k]fluoranthene	ND		0.098	0.20
1,1'-Biphenyl	ND		0.78	0.98
Bis(2-chloroethoxy)methane	ND		0.31	0.98
Bis(2-chloroethyl)ether	ND		0.098	0.98
Bis(2-ethylhexyl) phthalate	ND		0.78	2.0
4-Bromophenyl phenyl ether	ND		0.78	2.0
Butyl benzyl phthalate	ND		0.78	0.98
Caprolactam	ND		0.78	4.9
Carbazole	ND		0.27	0.98
4-Chloroaniline	ND		0.78	2.0
4-Chloro-3-methylphenol	ND		0.78	2.0
2-Chloronaphthalene	ND		0.098	0.98
2-Chlorophenol	ND		0.28	0.98
4-Chlorophenyl phenyl ether	ND		0.29	2.0
Chrysene	ND		0.098	0.20
Dibenz(a,h)anthracene	ND		0.098	0.20
Dibenzofuran	ND		0.098	0.98
3,3'-Dichlorobenzidine	ND		0.36	4.9
2,4-Dichlorophenol	ND		0.78	2.0
Diethyl phthalate	ND		0.59	0.98
2,4-Dimethylphenol	3.7		0.78	2.0
Dimethyl phthalate	ND		0.28	0.98
Di-n-butyl phthalate	ND		0.66	0.98
4,6-Dinitro-2-methylphenol	ND		2.4	4.9
2,4-Dinitrophenol	ND		2.4	4.9
2,4-Dinitrotoluene	ND		0.26	4.9
2,6-Dinitrotoluene	ND		0.78	4.9
Di-n-octyl phthalate	ND		0.78	0.98
Fluoranthene	ND		0.098	0.20
Fluorene	ND		0.098	0.20
Hexachlorobenzene	ND		0.098	0.20
Hexachlorobutadiene	ND		0.26	0.98
Hexachlorocyclopentadiene	ND		0.78	9.8
Hexachloroethane	ND		0.78	0.98
Indeno[1,2,3-cd]pyrene	ND		0.098	0.20
Isophorone	ND		0.26	0.98

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715117.D
Dilution:	1.0			Initial Weight/Volume:	1020 mL
Analysis Date:	07/15/2011 1406			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.098	0.20
2-Methylphenol	ND		0.78	0.98
Naphthalene	ND		0.098	0.20
2-Nitroaniline	ND		0.78	2.0
3-Nitroaniline	ND		0.27	2.0
4-Nitroaniline	ND		0.78	2.0
Nitrobenzene	ND		0.039	0.98
2-Nitrophenol	ND		0.27	2.0
4-Nitrophenol	ND		2.4	4.9
N-Nitrosodi-n-propylamine	ND		0.78	0.98
N-Nitrosodiphenylamine	ND		0.30	0.98
2,2'-oxybis[1-chloropropane]	ND		0.39	0.98
Pentachlorophenol	ND		2.4	4.9
Phenanthrene	ND		0.098	0.20
Phenol	ND		0.59	0.98
Pyrene	ND		0.098	0.20
2,4,5-Trichlorophenol	ND		0.29	4.9
2,4,6-Trichlorophenol	ND		0.78	4.9
3 & 4 Methylphenol	1.9	J	0.74	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		28 - 110
2-Fluorophenol (Surr)	58		10 - 110
Nitrobenzene-d5 (Surr)	51		27 - 111
Phenol-d5 (Surr)	59		10 - 110
Terphenyl-d14 (Surr)	43		37 - 119
2,4,6-Tribromophenol (Surr)	57		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715118.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1422			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.27	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-8529	Instrument ID:	A4AG2
Prep Method:	3520C	Prep Batch:	240-6165	Lab File ID:	0715118.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/15/2011 1422			Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		28 - 110
2-Fluorophenol (Surr)	52		10 - 110
Nitrobenzene-d5 (Surr)	50		27 - 111
Phenol-d5 (Surr)	57		10 - 110
Terphenyl-d14 (Surr)	48		37 - 119
2,4,6-Tribromophenol (Surr)	52		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H8A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/19/2011 2252			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	1.4	J B	0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	2.8		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H8A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/19/2011 2252			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	0.63		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	55		28 - 110
2-Fluorophenol (Surr)	63		10 - 110
Nitrobenzene-d5 (Surr)	57		27 - 111
Phenol-d5 (Surr)	62		10 - 110
Terphenyl-d14 (Surr)	61		37 - 119
2,4,6-Tribromophenol (Surr)	62		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H9A.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/20/2011 0010			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	0.58	J	0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.41	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.83	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.85	J B	0.83	2.1
4-Bromophenyl phenyl ether	ND		0.83	2.1
Butyl benzyl phthalate	ND		0.83	1.0
Caprolactam	ND		0.83	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.83	2.1
4-Chloro-3-methylphenol	ND		0.83	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.39	5.2
2,4-Dichlorophenol	ND		0.83	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.83	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.70	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.83	5.2
Di-n-octyl phthalate	ND		0.83	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.83	10
Hexachloroethane	ND		0.83	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H9A.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/20/2011 0010			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.83	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.83	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.83	2.1
Nitrobenzene	ND		0.042	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.42	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	3.7	B	0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.83	5.2
3 & 4 Methylphenol	2.0	J	0.78	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		28 - 110
2-Fluorophenol (Surr)	62		10 - 110
Nitrobenzene-d5 (Surr)	55		27 - 111
Phenol-d5 (Surr)	68		10 - 110
Terphenyl-d14 (Surr)	65		37 - 119
2,4,6-Tribromophenol (Surr)	92		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407M10A.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/20/2011 0030			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.21
Acenaphthylene	ND		0.10	0.21
Acetophenone	2.0		0.35	1.0
Anthracene	ND		0.10	0.21
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.41	1.0
Benzo[a]anthracene	ND		0.10	0.21
Benzo[a]pyrene	ND		0.10	0.21
Benzo[b]fluoranthene	ND		0.10	0.21
Benzo[g,h,i]perylene	ND		0.10	0.21
Benzo[k]fluoranthene	ND		0.10	0.21
1,1'-Biphenyl	ND		0.83	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.83	2.1
4-Bromophenyl phenyl ether	ND		0.83	2.1
Butyl benzyl phthalate	ND		0.83	1.0
Caprolactam	ND		0.83	5.2
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.83	2.1
4-Chloro-3-methylphenol	ND		0.83	2.1
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.1
Chrysene	ND		0.10	0.21
Dibenz(a,h)anthracene	ND		0.10	0.21
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.39	5.2
2,4-Dichlorophenol	ND		0.83	2.1
Diethyl phthalate	ND		0.62	1.0
2,4-Dimethylphenol	ND		0.83	2.1
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.70	1.0
4,6-Dinitro-2-methylphenol	ND		2.5	5.2
2,4-Dinitrophenol	ND		2.5	5.2
2,4-Dinitrotoluene	ND		0.28	5.2
2,6-Dinitrotoluene	ND		0.83	5.2
Di-n-octyl phthalate	ND		0.83	1.0
Fluoranthene	ND		0.10	0.21
Fluorene	ND		0.10	0.21
Hexachlorobenzene	ND		0.10	0.21
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.83	10
Hexachloroethane	ND		0.83	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.21
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407M10A.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Analysis Date:	07/20/2011 0030			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.21
2-Methylphenol	ND		0.83	1.0
Naphthalene	ND		0.10	0.21
2-Nitroaniline	ND		0.83	2.1
3-Nitroaniline	ND		0.29	2.1
4-Nitroaniline	ND		0.83	2.1
Nitrobenzene	ND		0.042	1.0
2-Nitrophenol	ND		0.29	2.1
4-Nitrophenol	ND		2.5	5.2
N-Nitrosodi-n-propylamine	ND		0.83	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.42	1.0
Pentachlorophenol	ND		2.5	5.2
Phenanthrene	ND		0.10	0.21
Phenol	ND		0.62	1.0
Pyrene	ND		0.10	0.21
2,4,5-Trichlorophenol	ND		0.31	5.2
2,4,6-Trichlorophenol	ND		0.83	5.2
3 & 4 Methylphenol	ND		0.78	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		28 - 110
2-Fluorophenol (Surr)	65		10 - 110
Nitrobenzene-d5 (Surr)	59		27 - 111
Phenol-d5 (Surr)	70		10 - 110
Terphenyl-d14 (Surr)	67		37 - 119
2,4,6-Tribromophenol (Surr)	92		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407G11A.D
Dilution:	1.0			Initial Weight/Volume:	880 mL
Analysis Date:	07/19/2011 2311			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.11	0.23
Acenaphthylene	ND		0.11	0.23
Acetophenone	ND		0.39	1.1
Anthracene	ND		0.11	0.23
Atrazine	ND		0.39	1.1
Benzaldehyde	ND		0.44	1.1
Benzo[a]anthracene	ND		0.11	0.23
Benzo[a]pyrene	ND		0.11	0.23
Benzo[b]fluoranthene	ND		0.11	0.23
Benzo[g,h,i]perylene	ND		0.11	0.23
Benzo[k]fluoranthene	ND		0.11	0.23
1,1'-Biphenyl	ND		0.91	1.1
Bis(2-chloroethoxy)methane	ND		0.36	1.1
Bis(2-chloroethyl)ether	ND		0.11	1.1
Bis(2-ethylhexyl) phthalate	2.6	B	0.91	2.3
4-Bromophenyl phenyl ether	ND		0.91	2.3
Butyl benzyl phthalate	ND		0.91	1.1
Caprolactam	ND		0.91	5.7
Carbazole	ND		0.32	1.1
4-Chloroaniline	ND		0.91	2.3
4-Chloro-3-methylphenol	ND		0.91	2.3
2-Chloronaphthalene	ND		0.11	1.1
2-Chlorophenol	ND		0.33	1.1
4-Chlorophenyl phenyl ether	ND		0.34	2.3
Chrysene	ND		0.11	0.23
Dibenz(a,h)anthracene	ND		0.11	0.23
Dibenzofuran	ND		0.11	1.1
3,3'-Dichlorobenzidine	ND		0.42	5.7
2,4-Dichlorophenol	ND		0.91	2.3
Diethyl phthalate	ND		0.68	1.1
2,4-Dimethylphenol	ND		0.91	2.3
Dimethyl phthalate	ND		0.33	1.1
Di-n-butyl phthalate	ND		0.76	1.1
4,6-Dinitro-2-methylphenol	ND		2.7	5.7
2,4-Dinitrophenol	ND		2.7	5.7
2,4-Dinitrotoluene	ND		0.31	5.7
2,6-Dinitrotoluene	ND		0.91	5.7
Di-n-octyl phthalate	ND		0.91	1.1
Fluoranthene	ND		0.11	0.23
Fluorene	ND		0.11	0.23
Hexachlorobenzene	ND		0.11	0.23
Hexachlorobutadiene	ND		0.31	1.1
Hexachlorocyclopentadiene	ND		0.91	11
Hexachloroethane	ND		0.91	1.1
Indeno[1,2,3-cd]pyrene	ND		0.11	0.23
Isophorone	ND		0.31	1.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407G11A.D
Dilution:	1.0			Initial Weight/Volume:	880 mL
Analysis Date:	07/19/2011 2311			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.11	0.23
2-Methylphenol	ND		0.91	1.1
Naphthalene	ND		0.11	0.23
2-Nitroaniline	ND		0.91	2.3
3-Nitroaniline	ND		0.32	2.3
4-Nitroaniline	ND		0.91	2.3
Nitrobenzene	ND		0.045	1.1
2-Nitrophenol	ND		0.32	2.3
4-Nitrophenol	ND		2.7	5.7
N-Nitrosodi-n-propylamine	ND		0.91	1.1
N-Nitrosodiphenylamine	ND		0.35	1.1
2,2'-oxybis[1-chloropropane]	ND		0.45	1.1
Pentachlorophenol	ND		2.7	5.7
Phenanthrene	ND		0.11	0.23
Phenol	ND		0.68	1.1
Pyrene	ND		0.11	0.23
2,4,5-Trichlorophenol	ND		0.34	5.7
2,4,6-Trichlorophenol	ND		0.91	5.7
3 & 4 Methylphenol	ND		0.85	2.3

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		28 - 110
2-Fluorophenol (Surr)	56		10 - 110
Nitrobenzene-d5 (Surr)	53		27 - 111
Phenol-d5 (Surr)	59		10 - 110
Terphenyl-d14 (Surr)	61		37 - 119
2,4,6-Tribromophenol (Surr)	59		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H12A.D
Dilution:	1.0			Initial Weight/Volume:	920 mL
Analysis Date:	07/19/2011 2331			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.11	0.22
Acenaphthylene	ND		0.11	0.22
Acetophenone	0.99	J	0.37	1.1
Anthracene	ND		0.11	0.22
Atrazine	ND		0.37	1.1
Benzaldehyde	ND		0.42	1.1
Benzo[a]anthracene	ND		0.11	0.22
Benzo[a]pyrene	ND		0.11	0.22
Benzo[b]fluoranthene	ND		0.11	0.22
Benzo[g,h,i]perylene	ND		0.11	0.22
Benzo[k]fluoranthene	ND		0.11	0.22
1,1'-Biphenyl	ND		0.87	1.1
Bis(2-chloroethoxy)methane	ND		0.35	1.1
Bis(2-chloroethyl)ether	ND		0.11	1.1
Bis(2-ethylhexyl) phthalate	2.6	B	0.87	2.2
4-Bromophenyl phenyl ether	ND		0.87	2.2
Butyl benzyl phthalate	ND		0.87	1.1
Caprolactam	ND		0.87	5.4
Carbazole	ND		0.30	1.1
4-Chloroaniline	ND		0.87	2.2
4-Chloro-3-methylphenol	ND		0.87	2.2
2-Chloronaphthalene	ND		0.11	1.1
2-Chlorophenol	ND		0.32	1.1
4-Chlorophenyl phenyl ether	ND		0.33	2.2
Chrysene	ND		0.11	0.22
Dibenz(a,h)anthracene	ND		0.11	0.22
Dibenzofuran	ND		0.11	1.1
3,3'-Dichlorobenzidine	ND		0.40	5.4
2,4-Dichlorophenol	ND		0.87	2.2
Diethyl phthalate	ND		0.65	1.1
2,4-Dimethylphenol	ND		0.87	2.2
Dimethyl phthalate	ND		0.32	1.1
Di-n-butyl phthalate	ND		0.73	1.1
4,6-Dinitro-2-methylphenol	ND		2.6	5.4
2,4-Dinitrophenol	ND		2.6	5.4
2,4-Dinitrotoluene	ND		0.29	5.4
2,6-Dinitrotoluene	ND		0.87	5.4
Di-n-octyl phthalate	1.0	J	0.87	1.1
Fluoranthene	ND		0.11	0.22
Fluorene	ND		0.11	0.22
Hexachlorobenzene	ND		0.11	0.22
Hexachlorobutadiene	ND		0.29	1.1
Hexachlorocyclopentadiene	ND		0.87	11
Hexachloroethane	ND		0.87	1.1
Indeno[1,2,3-cd]pyrene	ND		0.11	0.22
Isophorone	ND		0.29	1.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H12A.D
Dilution:	1.0			Initial Weight/Volume:	920 mL
Analysis Date:	07/19/2011 2331			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.11	0.22
2-Methylphenol	ND		0.87	1.1
Naphthalene	ND		0.11	0.22
2-Nitroaniline	ND		0.87	2.2
3-Nitroaniline	ND		0.30	2.2
4-Nitroaniline	ND		0.87	2.2
Nitrobenzene	ND		0.043	1.1
2-Nitrophenol	ND		0.30	2.2
4-Nitrophenol	ND		2.6	5.4
N-Nitrosodi-n-propylamine	ND		0.87	1.1
N-Nitrosodiphenylamine	ND		0.34	1.1
2,2'-oxybis[1-chloropropane]	ND		0.43	1.1
Pentachlorophenol	ND		2.6	5.4
Phenanthrene	ND		0.11	0.22
Phenol	12	B	0.65	1.1
Pyrene	ND		0.11	0.22
2,4,5-Trichlorophenol	ND		0.33	5.4
2,4,6-Trichlorophenol	ND		0.87	5.4
3 & 4 Methylphenol	ND		0.82	2.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	54		28 - 110
2-Fluorophenol (Surr)	61		10 - 110
Nitrobenzene-d5 (Surr)	55		27 - 111
Phenol-d5 (Surr)	67		10 - 110
Terphenyl-d14 (Surr)	61		37 - 119
2,4,6-Tribromophenol (Surr)	102		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H13A.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	07/19/2011 2350			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.095	0.19
Acenaphthylene	ND		0.095	0.19
Acetophenone	ND		0.32	0.95
Anthracene	ND		0.095	0.19
Atrazine	ND		0.32	0.95
Benzaldehyde	ND		0.37	0.95
Benzo[a]anthracene	ND		0.095	0.19
Benzo[a]pyrene	ND		0.095	0.19
Benzo[b]fluoranthene	ND		0.095	0.19
Benzo[g,h,i]perylene	ND		0.095	0.19
Benzo[k]fluoranthene	ND		0.095	0.19
1,1'-Biphenyl	ND		0.76	0.95
Bis(2-chloroethoxy)methane	ND		0.30	0.95
Bis(2-chloroethyl)ether	ND		0.095	0.95
Bis(2-ethylhexyl) phthalate	1.4	J B	0.76	1.9
4-Bromophenyl phenyl ether	ND		0.76	1.9
Butyl benzyl phthalate	ND		0.76	0.95
Caprolactam	ND		0.76	4.8
Carbazole	ND		0.27	0.95
4-Chloroaniline	ND		0.76	1.9
4-Chloro-3-methylphenol	ND		0.76	1.9
2-Chloronaphthalene	ND		0.095	0.95
2-Chlorophenol	ND		0.28	0.95
4-Chlorophenyl phenyl ether	ND		0.29	1.9
Chrysene	ND		0.095	0.19
Dibenz(a,h)anthracene	ND		0.095	0.19
Dibenzofuran	ND		0.095	0.95
3,3'-Dichlorobenzidine	ND		0.35	4.8
2,4-Dichlorophenol	ND		0.76	1.9
Diethyl phthalate	ND		0.57	0.95
2,4-Dimethylphenol	ND		0.76	1.9
Dimethyl phthalate	ND		0.28	0.95
Di-n-butyl phthalate	ND		0.64	0.95
4,6-Dinitro-2-methylphenol	ND		2.3	4.8
2,4-Dinitrophenol	ND		2.3	4.8
2,4-Dinitrotoluene	ND		0.26	4.8
2,6-Dinitrotoluene	ND		0.76	4.8
Di-n-octyl phthalate	ND		0.76	0.95
Fluoranthene	ND		0.095	0.19
Fluorene	ND		0.095	0.19
Hexachlorobenzene	ND		0.095	0.19
Hexachlorobutadiene	ND		0.26	0.95
Hexachlorocyclopentadiene	ND		0.76	9.5
Hexachloroethane	ND		0.76	0.95
Indeno[1,2,3-cd]pyrene	ND		0.095	0.19
Isophorone	ND		0.26	0.95

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455
Client Matrix: Water Date Received: 06/24/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1407H13A.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	07/19/2011 2350			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.095	0.19
2-Methylphenol	ND		0.76	0.95
Naphthalene	ND		0.095	0.19
2-Nitroaniline	ND		0.76	1.9
3-Nitroaniline	ND		0.27	1.9
4-Nitroaniline	ND		0.76	1.9
Nitrobenzene	ND		0.038	0.95
2-Nitrophenol	ND		0.27	1.9
4-Nitrophenol	ND		2.3	4.8
N-Nitrosodi-n-propylamine	ND		0.76	0.95
N-Nitrosodiphenylamine	ND		0.30	0.95
2,2'-oxybis[1-chloropropane]	ND		0.38	0.95
Pentachlorophenol	ND		2.3	4.8
Phenanthrene	ND		0.095	0.19
Phenol	ND		0.57	0.95
Pyrene	ND		0.095	0.19
2,4,5-Trichlorophenol	ND		0.29	4.8
2,4,6-Trichlorophenol	ND		0.76	4.8
3 & 4 Methylphenol	ND		0.71	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		28 - 110
2-Fluorophenol (Surr)	57		10 - 110
Nitrobenzene-d5 (Surr)	53		27 - 111
Phenol-d5 (Surr)	60		10 - 110
Terphenyl-d14 (Surr)	64		37 - 119
2,4,6-Tribromophenol (Surr)	48		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0307			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	130	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	420000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	8.2	J	1.7	50
Chromium	ND		2.2	10
Copper	33		4.5	25
Iron	14000		81	100
Potassium	14000	B	72	5000
Magnesium	36000		34	5000
Manganese	1000	B	0.41	15
Silver	ND		2.2	10
Sodium	70000		590	5000
Nickel	16	J	3.2	40
Vanadium	1.7	J	0.64	50
Zinc	66		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1805			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	6.4		0.40	1.0
Antimony	0.51	J B	0.13	2.0
Thallium	0.20	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0948			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0325			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	130	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	140000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	3000		81	100
Potassium	7900	B	72	5000
Magnesium	12000		34	5000
Manganese	150	B	0.41	15
Silver	ND		2.2	10
Sodium	20000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	7.3	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1810			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	0.91	J	0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0949			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0331			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	140	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	26000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	5.7	J	1.7	50
Chromium	31		2.2	10
Copper	34		4.5	25
Iron	11000		81	100
Potassium	2300	J B	72	5000
Magnesium	5500		34	5000
Manganese	66	B	0.41	15
Silver	ND		2.2	10
Sodium	5200		590	5000
Nickel	31	J	3.2	40
Vanadium	43	J	0.64	50
Zinc	80		5.0	20
Lead	13		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1815			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	31000		19	50
Arsenic	3.7		0.40	1.0

Analysis Method:	6020	Analysis Batch:	240-10350	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80730A.csv
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/30/2011 1225			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Antimony	0.74	J B	0.65	10
Thallium	ND		0.70	5.0

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0951			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.12	J	0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0337			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	72	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	150000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	3900		81	100
Potassium	3300	J B	72	5000
Magnesium	24000		34	5000
Manganese	79	B	0.41	15
Silver	ND		2.2	10
Sodium	20000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1820			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	2.5		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0952			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0343			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	180	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	430000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	3.8	J	2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	9400	B	72	5000
Magnesium	18000		34	5000
Manganese	0.49	J B	0.41	15
Silver	ND		2.2	10
Sodium	41000		590	5000
Nickel	ND		3.2	40
Vanadium	16	J	0.64	50
Zinc	ND		5.0	20
Lead	ND	L	1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1826			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	3.6		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0953			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0350			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	82	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	160000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	2.5	J	2.2	10
Copper	ND		4.5	25
Iron	1300		81	100
Potassium	11000	B	72	5000
Magnesium	62000		34	5000
Manganese	180	B	0.41	15
Silver	ND		2.2	10
Sodium	53000		590	5000
Nickel	ND		3.2	40
Vanadium	5.5	J	0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1843			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	140		19	50
Arsenic	3.2		0.40	1.0
Antimony	0.17	J B	0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0955			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0356			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	77	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	260000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	25		2.2	10
Copper	ND		4.5	25
Iron	29000		81	100
Potassium	3400	J B	72	5000
Magnesium	13000		34	5000
Manganese	1900	B	0.41	15
Silver	ND		2.2	10
Sodium	17000		590	5000
Nickel	13	J	3.2	40
Vanadium	0.71	J	0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1848			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	33	J	19	50
Arsenic	6.2		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-7837	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0817			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND	L	0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0402			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	51	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	90000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	1400		81	100
Potassium	1300	J B	72	5000
Magnesium	19000		34	5000
Manganese	63	B	0.41	15
Silver	ND		2.2	10
Sodium	19000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10006	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1853			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	49	J	19	50
Arsenic	1.4		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1155			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0420			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	81	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	91000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	8.6	J	2.2	10
Copper	ND		4.5	25
Iron	270		81	100
Potassium	22000	B	72	5000
Magnesium	38000		34	5000
Manganese	50		0.41	15
Silver	ND		2.2	10
Sodium	25000		590	5000
Nickel	5.1	J	3.2	40
Vanadium	ND		0.64	50
Zinc	5.1	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-11086	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 2006			Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	1.6		0.40	1.0
Antimony	0.61	J	0.13	2.0
Thallium	1.5	B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1141			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022

Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0457			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	92	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	52000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	4.7	J	2.2	10
Copper	ND		4.5	25
Iron	830		81	100
Potassium	11000	B	72	5000
Magnesium	21000		34	5000
Manganese	17		0.41	15
Silver	ND		2.2	10
Sodium	21000		590	5000
Nickel	5.1	J	3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-11086	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 2032			Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	5.9		0.40	1.0
Antimony	0.35	J	0.13	2.0
Thallium	2.0	B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1156			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0503			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	66	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	93000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	260		81	100
Potassium	4000	J B	72	5000
Magnesium	13000		34	5000
Manganese	54		0.41	15
Silver	ND		2.2	10
Sodium	15000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-11086	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 2051			Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	2.8		0.40	1.0
Antimony	0.13	J	0.13	2.0
Thallium	0.57	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1158			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455
Client Matrix: Water Date Received: 06/24/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9189	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0509			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	54	J B	0.67	200
Beryllium	ND		0.46	1.0
Calcium	130000	B	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	890		81	100
Potassium	1900	J B	72	5000
Magnesium	20000		34	5000
Manganese	270		0.41	15
Silver	ND		2.2	10
Sodium	13000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-11086	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 2057			Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	54		19	50
Arsenic	2.0		0.40	1.0
Antimony	0.13	J	0.13	2.0
Thallium	0.46	J B	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1159			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455
Client Matrix: Water Date Received: 06/24/2011 0930

7470A Total Mercury

General Chemistry

Client Sample ID: **GW-WT116A-062211**

Lab Sample ID: 240-1407-1 Date Sampled: 06/22/2011 0843

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	8.7		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0217						
Bromide	1.3		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0217						
Sulfate	670		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0234						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1256						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT116B-062211**

Lab Sample ID: 240-1407-3 Date Sampled: 06/22/2011 0952

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	36		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0251						
Bromide	0.15	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0251						
Sulfate	110		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0251						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1256						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT115A-062211**

Lab Sample ID: 240-1407-4 Date Sampled: 06/22/2011 1123

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	2.2		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0309						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0309						
Sulfate	14		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0309						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1257						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT115C-062211**

Lab Sample ID: 240-1407-5 Date Sampled: 06/22/2011 1303

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	34		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0343						
Bromide	0.22	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0343						
Sulfate	140		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0343						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1257						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT115B-062211**

Lab Sample ID: 240-1407-6 Date Sampled: 06/22/2011 1408

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	23		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0401						
Bromide	0.81		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0401						
Sulfate	260		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0418						
Cyanide, Total	0.0097	J	mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1300						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT119B-062211**

Lab Sample ID: 240-1407-7 Date Sampled: 06/22/2011 1530

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	24		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0436						
Bromide	0.88		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0436						
Sulfate	280		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0620						
Cyanide, Total	0.037		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1331						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT101A-062311**

Lab Sample ID: 240-1407-8 Date Sampled: 06/23/2011 0804

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	17		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0637						
Bromide	0.25	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0637						
Sulfate	330		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0655						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6794	Analysis Date: 06/30/2011 1300						
Prep Batch: 240-6730	Prep Date: 06/30/2011 1139						

General Chemistry

Client Sample ID: **GW-WT101D-062311**

Lab Sample ID: 240-1407-9 Date Sampled: 06/23/2011 0905

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	38		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0712						
Bromide	0.10	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0712						
Sulfate	53		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0712						
Cyanide, Total	0.011		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1348						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

General Chemistry

Client Sample ID: **GW-WT101B-062311**

Lab Sample ID: 240-1407-10 Date Sampled: 06/23/2011 1022

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	30		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0730						
Bromide	0.19	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6932	Analysis Date: 07/02/2011 0730						
Sulfate	21		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-7484	Analysis Date: 07/08/2011 1448						
Cyanide, Total	0.050		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1348						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

General Chemistry

Client Sample ID: **GW-WT101C-062311**

Lab Sample ID: 240-1407-11 Date Sampled: 06/23/2011 1136

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	2.8		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1529						
Bromide	0.12	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1529						
Sulfate	ND		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1529						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1248						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

General Chemistry

Client Sample ID: **GW-WT101E-062311**

Lab Sample ID: 240-1407-12 Date Sampled: 06/23/2011 1237

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	33		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1619						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1619						
Sulfate	28		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1619						
Cyanide, Total	0.048		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1348						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

General Chemistry

Client Sample ID: **GW-WT103A-062311**

Lab Sample ID: 240-1407-13 Date Sampled: 06/23/2011 1455

Client Matrix: Water Date Received: 06/24/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	22		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1635						
Bromide	ND		mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-6899	Analysis Date: 07/01/2011 1635						
Sulfate	160		mg/L	0.60	5.0	5.0	300.0
Analysis Batch: 240-7154	Analysis Date: 07/05/2011 2036						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1253						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
Metals		
	L	A negative instrument reading had an absolute value greater than the reporting limit
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-6768					
LCS 240-6768/4	Lab Control Sample	T	Water	8260B	
MB 240-6768/5	Method Blank	T	Water	8260B	
240-1407-1	GW-WT116A-062211	T	Water	8260B	
240-1407-2TB	TRIPBLANK-062211-005	T	Water	8260B	
240-1407-3	GW-WT116B-062211	T	Water	8260B	
240-1407-4	GW-WT115A-062211	T	Water	8260B	
240-1407-5	GW-WT115C-062211	T	Water	8260B	
240-1407-6	GW-WT115B-062211	T	Water	8260B	
240-1407-7	GW-WT119B-062211	T	Water	8260B	
240-1407-8	GW-WT101A-062311	T	Water	8260B	
240-1407-9	GW-WT101D-062311	T	Water	8260B	
240-1407-10	GW-WT101B-062311	T	Water	8260B	
240-1407-10MS	Matrix Spike	T	Water	8260B	
240-1407-10MSD	Matrix Spike Duplicate	T	Water	8260B	
240-1407-11	GW-WT101C-062311	T	Water	8260B	
Analysis Batch:240-7131					
LCS 240-7131/4	Lab Control Sample	T	Water	8260B	
MB 240-7131/5	Method Blank	T	Water	8260B	
240-1407-12	GW-WT101E-062311	T	Water	8260B	
240-1407-13	GW-WT103A-062311	T	Water	8260B	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-6165					
LCS 240-6165/18-A	Lab Control Sample	T	Water	3520C	
MB 240-6165/17-A	Method Blank	T	Water	3520C	
240-1407-1	GW-WT116A-062211	T	Water	3520C	
240-1407-3	GW-WT116B-062211	T	Water	3520C	
240-1407-4	GW-WT115A-062211	T	Water	3520C	
240-1407-5	GW-WT115C-062211	T	Water	3520C	
240-1407-6	GW-WT115B-062211	T	Water	3520C	
240-1407-7	GW-WT119B-062211	T	Water	3520C	
Prep Batch: 240-6317					
LCS 240-6317/24-A	Lab Control Sample	T	Water	3520C	
MB 240-6317/23-A	Method Blank	T	Water	3520C	
240-1407-8	GW-WT101A-062311	T	Water	3520C	
240-1407-9	GW-WT101D-062311	T	Water	3520C	
240-1407-10	GW-WT101B-062311	T	Water	3520C	
240-1407-10MS	Matrix Spike	T	Water	3520C	
240-1407-10MSD	Matrix Spike Duplicate	T	Water	3520C	
240-1407-11	GW-WT101C-062311	T	Water	3520C	
240-1407-12	GW-WT101E-062311	T	Water	3520C	
240-1407-13	GW-WT103A-062311	T	Water	3520C	
Analysis Batch:240-8363					
LCS 240-6165/18-A	Lab Control Sample	T	Water	8270C	240-6165
MB 240-6165/17-A	Method Blank	T	Water	8270C	240-6165
Analysis Batch:240-8529					
240-1407-1	GW-WT116A-062211	T	Water	8270C	240-6165
240-1407-3	GW-WT116B-062211	T	Water	8270C	240-6165
240-1407-4	GW-WT115A-062211	T	Water	8270C	240-6165
240-1407-5	GW-WT115C-062211	T	Water	8270C	240-6165
240-1407-6	GW-WT115B-062211	T	Water	8270C	240-6165
240-1407-7	GW-WT119B-062211	T	Water	8270C	240-6165
Analysis Batch:240-9107					
LCS 240-6317/24-A	Lab Control Sample	T	Water	8270C	240-6317
MB 240-6317/23-A	Method Blank	T	Water	8270C	240-6317
240-1407-8	GW-WT101A-062311	T	Water	8270C	240-6317
240-1407-9	GW-WT101D-062311	T	Water	8270C	240-6317
240-1407-10	GW-WT101B-062311	T	Water	8270C	240-6317
240-1407-10MS	Matrix Spike	T	Water	8270C	240-6317
240-1407-11	GW-WT101C-062311	T	Water	8270C	240-6317
240-1407-12	GW-WT101E-062311	T	Water	8270C	240-6317
240-1407-13	GW-WT103A-062311	T	Water	8270C	240-6317

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:240-9529					
240-1407-10MSD	Matrix Spike Duplicate	T	Water	8270C	240-6317

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-7445					
LCS 240-7445/2-A	Lab Control Sample	T	Water	7470A	
MB 240-7445/1-A	Method Blank	T	Water	7470A	
240-1407-1	GW-WT116A-062211	T	Water	7470A	
240-1407-3	GW-WT116B-062211	T	Water	7470A	
240-1407-4	GW-WT115A-062211	T	Water	7470A	
240-1407-5	GW-WT115C-062211	T	Water	7470A	
240-1407-6	GW-WT115B-062211	T	Water	7470A	
240-1407-7	GW-WT119B-062211	T	Water	7470A	
240-1407-8	GW-WT101A-062311	T	Water	7470A	
240-1407-8MS	Matrix Spike	T	Water	7470A	
240-1407-8MSD	Matrix Spike Duplicate	T	Water	7470A	
Analysis Batch:240-7837					
LCS 240-7445/2-A	Lab Control Sample	T	Water	7470A	240-7445
MB 240-7445/1-A	Method Blank	T	Water	7470A	240-7445
240-1407-1	GW-WT116A-062211	T	Water	7470A	240-7445
240-1407-3	GW-WT116B-062211	T	Water	7470A	240-7445
240-1407-4	GW-WT115A-062211	T	Water	7470A	240-7445
240-1407-5	GW-WT115C-062211	T	Water	7470A	240-7445
240-1407-6	GW-WT115B-062211	T	Water	7470A	240-7445
240-1407-7	GW-WT119B-062211	T	Water	7470A	240-7445
240-1407-8	GW-WT101A-062311	T	Water	7470A	240-7445
240-1407-8MS	Matrix Spike	T	Water	7470A	240-7445
240-1407-8MSD	Matrix Spike Duplicate	T	Water	7470A	240-7445
Prep Batch: 240-8063					
LCS 240-8063/2-A	Lab Control Sample	T	Water	7470A	
MB 240-8063/1-A	Method Blank	T	Water	7470A	
240-1407-9	GW-WT101D-062311	T	Water	7470A	
240-1407-10	GW-WT101B-062311	T	Water	7470A	
240-1407-10MS	Matrix Spike	T	Water	7470A	
240-1407-10MSD	Matrix Spike Duplicate	T	Water	7470A	
240-1407-11	GW-WT101C-062311	T	Water	7470A	
240-1407-12	GW-WT101E-062311	T	Water	7470A	
240-1407-13	GW-WT103A-062311	T	Water	7470A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-8457					
LCS 240-8063/2-A	Lab Control Sample	T	Water	7470A	240-8063
MB 240-8063/1-A	Method Blank	T	Water	7470A	240-8063
240-1407-9	GW-WT101D-062311	T	Water	7470A	240-8063
240-1407-10	GW-WT101B-062311	T	Water	7470A	240-8063
240-1407-10MS	Matrix Spike	T	Water	7470A	240-8063
240-1407-10MSD	Matrix Spike Duplicate	T	Water	7470A	240-8063
240-1407-11	GW-WT101C-062311	T	Water	7470A	240-8063
240-1407-12	GW-WT101E-062311	T	Water	7470A	240-8063
240-1407-13	GW-WT103A-062311	T	Water	7470A	240-8063
Prep Batch: 240-8858					
LCS 240-8858/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-8858/3-A	Lab Control Sample	R	Water	3005A	
MB 240-8858/1-A	Method Blank	R	Water	3005A	
240-1407-1	GW-WT116A-062211	R	Water	3005A	
240-1407-3	GW-WT116B-062211	R	Water	3005A	
240-1407-4	GW-WT115A-062211	R	Water	3005A	
240-1407-5	GW-WT115C-062211	R	Water	3005A	
240-1407-6	GW-WT115B-062211	R	Water	3005A	
240-1407-7	GW-WT119B-062211	R	Water	3005A	
240-1407-8	GW-WT101A-062311	R	Water	3005A	
240-1407-9	GW-WT101D-062311	R	Water	3005A	
Prep Batch: 240-8860					
LCS 240-8860/2-A	Lab Control Sample	R	Water	3005A	
MB 240-8860/1-A	Method Blank	R	Water	3005A	
240-1407-10	GW-WT101B-062311	R	Water	3005A	
240-1407-10MS	Matrix Spike	R	Water	3005A	
240-1407-10MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1407-11	GW-WT101C-062311	R	Water	3005A	
240-1407-12	GW-WT101E-062311	R	Water	3005A	
240-1407-13	GW-WT103A-062311	R	Water	3005A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-9189					
LCS 240-8858/2-A	Lab Control Sample	R	Water	6010B	240-8858
MB 240-8858/1-A	Method Blank	R	Water	6010B	240-8858
LCS 240-8860/2-A	Lab Control Sample	R	Water	6010B	240-8860
MB 240-8860/1-A	Method Blank	R	Water	6010B	240-8860
240-1407-1	GW-WT116A-062211	R	Water	6010B	240-8858
240-1407-3	GW-WT116B-062211	R	Water	6010B	240-8858
240-1407-4	GW-WT115A-062211	R	Water	6010B	240-8858
240-1407-5	GW-WT115C-062211	R	Water	6010B	240-8858
240-1407-6	GW-WT115B-062211	R	Water	6010B	240-8858
240-1407-7	GW-WT119B-062211	R	Water	6010B	240-8858
240-1407-8	GW-WT101A-062311	R	Water	6010B	240-8858
240-1407-9	GW-WT101D-062311	R	Water	6010B	240-8858
240-1407-10	GW-WT101B-062311	R	Water	6010B	240-8860
240-1407-10MS	Matrix Spike	R	Water	6010B	240-8860
240-1407-10MSD	Matrix Spike Duplicate	R	Water	6010B	240-8860
240-1407-11	GW-WT101C-062311	R	Water	6010B	240-8860
240-1407-12	GW-WT101E-062311	R	Water	6010B	240-8860
240-1407-13	GW-WT103A-062311	R	Water	6010B	240-8860
Analysis Batch:240-10006					
LCS 240-8858/3-A	Lab Control Sample	R	Water	6020	240-8858
MB 240-8858/1-A	Method Blank	R	Water	6020	240-8858
240-1407-1	GW-WT116A-062211	R	Water	6020	240-8858
240-1407-3	GW-WT116B-062211	R	Water	6020	240-8858
240-1407-4	GW-WT115A-062211	R	Water	6020	240-8858
240-1407-5	GW-WT115C-062211	R	Water	6020	240-8858
240-1407-6	GW-WT115B-062211	R	Water	6020	240-8858
240-1407-7	GW-WT119B-062211	R	Water	6020	240-8858
240-1407-8	GW-WT101A-062311	R	Water	6020	240-8858
240-1407-9	GW-WT101D-062311	R	Water	6020	240-8858
Analysis Batch:240-10350					
240-1407-4	GW-WT115A-062211	R	Water	6020	240-8858
Prep Batch: 240-10725					
LCS 240-10725/2-A	Lab Control Sample	R	Water	3005A	
MB 240-10725/1-A	Method Blank	R	Water	3005A	
240-1407-10	GW-WT101B-062311	R	Water	3005A	
240-1407-10MS	Matrix Spike	R	Water	3005A	
240-1407-10MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1407-11	GW-WT101C-062311	R	Water	3005A	
240-1407-12	GW-WT101E-062311	R	Water	3005A	
240-1407-13	GW-WT103A-062311	R	Water	3005A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-11086					
LCS 240-10725/2-A	Lab Control Sample	R	Water	6020	240-10725
MB 240-10725/1-A	Method Blank	R	Water	6020	240-10725
240-1407-10	GW-WT101B-062311	R	Water	6020	240-10725
240-1407-10MS	Matrix Spike	R	Water	6020	240-10725
240-1407-10MSD	Matrix Spike Duplicate	R	Water	6020	240-10725
240-1407-11	GW-WT101C-062311	R	Water	6020	240-10725
240-1407-12	GW-WT101E-062311	R	Water	6020	240-10725
240-1407-13	GW-WT103A-062311	R	Water	6020	240-10725

Report Basis

R = Total Recoverable

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 240-6730					
LCS 240-6730/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6730/1-A	Method Blank	T	Water	9012A	
240-1407-1	GW-WT116A-062211	T	Water	9012A	
240-1407-3	GW-WT116B-062211	T	Water	9012A	
240-1407-4	GW-WT115A-062211	T	Water	9012A	
240-1407-5	GW-WT115C-062211	T	Water	9012A	
240-1407-6	GW-WT115B-062211	T	Water	9012A	
240-1407-7	GW-WT119B-062211	T	Water	9012A	
240-1407-8	GW-WT101A-062311	T	Water	9012A	
Analysis Batch:240-6794					
LCS 240-6730/2-A	Lab Control Sample	T	Water	9012A	240-6730
MB 240-6730/1-A	Method Blank	T	Water	9012A	240-6730
240-1407-1	GW-WT116A-062211	T	Water	9012A	240-6730
240-1407-3	GW-WT116B-062211	T	Water	9012A	240-6730
240-1407-4	GW-WT115A-062211	T	Water	9012A	240-6730
240-1407-5	GW-WT115C-062211	T	Water	9012A	240-6730
240-1407-6	GW-WT115B-062211	T	Water	9012A	240-6730
240-1407-7	GW-WT119B-062211	T	Water	9012A	240-6730
240-1407-8	GW-WT101A-062311	T	Water	9012A	240-6730
Prep Batch: 240-6842					
LCS 240-6842/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6842/1-A	Method Blank	T	Water	9012A	
240-1407-9	GW-WT101D-062311	T	Water	9012A	
240-1407-10	GW-WT101B-062311	T	Water	9012A	
240-1407-10MS	Matrix Spike	T	Water	9012A	
240-1407-10MSD	Matrix Spike Duplicate	T	Water	9012A	
240-1407-11	GW-WT101C-062311	T	Water	9012A	
240-1407-12	GW-WT101E-062311	T	Water	9012A	
240-1407-13	GW-WT103A-062311	T	Water	9012A	
Analysis Batch:240-6899					
LCS 240-6899/6	Lab Control Sample	T	Water	300.0	
LCSD 240-6899/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-6899/5	Method Blank	T	Water	300.0	
240-1407-11	GW-WT101C-062311	T	Water	300.0	
240-1407-12	GW-WT101E-062311	T	Water	300.0	
240-1407-13	GW-WT103A-062311	T	Water	300.0	
240-1407-13MS	Matrix Spike	T	Water	300.0	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-6932					
LCS 240-6932/54	Lab Control Sample	T	Water	300.0	
LCS 240-6932/6	Lab Control Sample	T	Water	300.0	
LCSD 240-6932/55	Lab Control Sample Duplicate	T	Water	300.0	
LCSD 240-6932/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-6932/5	Method Blank	T	Water	300.0	
MB 240-6932/53	Method Blank	T	Water	300.0	
240-1407-1	GW-WT116A-062211	T	Water	300.0	
240-1407-3	GW-WT116B-062211	T	Water	300.0	
240-1407-4	GW-WT115A-062211	T	Water	300.0	
240-1407-4MS	Matrix Spike	T	Water	300.0	
240-1407-5	GW-WT115C-062211	T	Water	300.0	
240-1407-6	GW-WT115B-062211	T	Water	300.0	
240-1407-7	GW-WT119B-062211	T	Water	300.0	
240-1407-8	GW-WT101A-062311	T	Water	300.0	
240-1407-9	GW-WT101D-062311	T	Water	300.0	
240-1407-10	GW-WT101B-062311	T	Water	300.0	
240-1407-10MS	Matrix Spike	T	Water	300.0	
240-1407-10MSD	Matrix Spike Duplicate	T	Water	300.0	
Analysis Batch:240-6936					
LCS 240-6842/2-A	Lab Control Sample	T	Water	9012A	240-6842
MB 240-6842/1-A	Method Blank	T	Water	9012A	240-6842
240-1407-9	GW-WT101D-062311	T	Water	9012A	240-6842
240-1407-10	GW-WT101B-062311	T	Water	9012A	240-6842
240-1407-10MS	Matrix Spike	T	Water	9012A	240-6842
240-1407-10MSD	Matrix Spike Duplicate	T	Water	9012A	240-6842
240-1407-11	GW-WT101C-062311	T	Water	9012A	240-6842
240-1407-12	GW-WT101E-062311	T	Water	9012A	240-6842
240-1407-13	GW-WT103A-062311	T	Water	9012A	240-6842
Analysis Batch:240-7154					
LCS 240-7154/6	Lab Control Sample	T	Water	300.0	
LCSD 240-7154/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-7154/5	Method Blank	T	Water	300.0	
240-1407-E-1 MSMS	Matrix Spike	T	Water	300.0	
240-1407-E-1 MSDMSD	Matrix Spike Duplicate	T	Water	300.0	
240-1407-13	GW-WT103A-062311	T	Water	300.0	
Analysis Batch:240-7484					
LCS 240-7484/6	Lab Control Sample	T	Water	300.0	
MB 240-7484/5	Method Blank	T	Water	300.0	
240-1407-10	GW-WT101B-062311	T	Water	300.0	
240-1407-10MS	Matrix Spike	T	Water	300.0	
240-1407-10MSD	Matrix Spike Duplicate	T	Water	300.0	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-1407-1	GW-WT116A-062211	94	94	90	103
240-1407-2	TRIPBLANK-062211-005	95	95	94	103
240-1407-3	GW-WT116B-062211	95	95	91	104
240-1407-4	GW-WT115A-062211	94	94	92	104
240-1407-5	GW-WT115C-062211	98	96	90	104
240-1407-6	GW-WT115B-062211	96	98	88	103
240-1407-7	GW-WT119B-062211	96	97	90	101
240-1407-8	GW-WT101A-062311	96	95	87	98
240-1407-9	GW-WT101D-062311	97	99	87	99
240-1407-10	GW-WT101B-062311	92	93	84	96
240-1407-11	GW-WT101C-062311	94	96	91	102
240-1407-12	GW-WT101E-062311	90	94	97	107
240-1407-13	GW-WT103A-062311	86	87	93	102
MB 240-6768/5		91	85	88	102
MB 240-7131/5		87	83	94	107
LCS 240-6768/4		97	94	92	111
LCS 240-7131/4		92	90	96	111
240-1407-10 MS	GW-WT101B-062311 MS	99	98	86	103
240-1407-10 MSD	GW-WT101B-062311 MSD	96	92	79	99

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Surrogate Recovery Report

8270C TCL Semivolatile Compounds (OLMO4.2)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-1407-1	GW-WT116A-062211	51	54	52	56	47	55
240-1407-3	GW-WT116B-062211	51	53	50	56	60	54
240-1407-4	GW-WT115A-062211	50	57	54	58	40	48
240-1407-5	GW-WT115C-062211	53	58	56	60	63	59
240-1407-6	GW-WT115B-062211	50	58	51	59	43	57
240-1407-7	GW-WT119B-062211	49	52	50	57	48	52
240-1407-8	GW-WT101A-062311	55	63	57	62	61	62
240-1407-9	GW-WT101D-062311	56	62	55	68	65	92
240-1407-10	GW-WT101B-062311	59	65	59	70	67	92
240-1407-11	GW-WT101C-062311	52	56	53	59	61	59
240-1407-12	GW-WT101E-062311	54	61	55	67	61	102
240-1407-13	GW-WT103A-062311	51	57	53	60	64	48
MB 240-6165/17-A		52	54	53	54	65	47
MB 240-6317/23-A		46	56	53	59	61	43
LCS 240-6165/18-A		70	71	72	73	80	69
LCS 240-6317/24-A		60	71	64	70	70	61
240-1407-10 MS	GW-WT101B-062311 MS	47	51	48	58	62	87
240-1407-10 MSD	GW-WT101B-062311 MSD	60	63	63	68	71	103

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	28-110
2FP = 2-Fluorophenol (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	27-111
PHL = Phenol-d5 (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	37-119
TBP = 2,4,6-Tribromophenol (Surr)	22-120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6768

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6768/5	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7382.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1512	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1512				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.11	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	0.580	J	0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6768

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-6768/5	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7382.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1512	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1512				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	91	66 - 117
Dibromofluoromethane (Surr)	85	75 - 121
1,2-Dichloroethane-d4 (Surr)	88	63 - 129
Toluene-d8 (Surr)	102	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-6768

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6768/4	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7381.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1449	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1449				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	17.4	87	43 - 136	
Benzene	10.0	9.74	97	83 - 112	
Bromoform	10.0	5.87	59	40 - 131	
Bromomethane	10.0	7.05	71	11 - 185	
2-Butanone (MEK)	20.0	18.7	94	60 - 126	
Carbon disulfide	10.0	8.76	88	62 - 142	
Carbon tetrachloride	10.0	7.24	72	66 - 128	
Chlorobenzene	10.0	9.43	94	85 - 110	
Dibromochloromethane	10.0	7.39	74	64 - 119	
Chloroethane	10.0	8.00	80	25 - 153	
Chloroform	10.0	9.45	95	79 - 117	
Chloromethane	10.0	6.93	69	44 - 126	
cis-1,2-Dichloroethene	10.0	9.32	93	80 - 113	
cis-1,3-Dichloropropene	10.0	6.81	68	61 - 115	
Cyclohexane	10.0	10.4	104	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	7.42	74	42 - 136	
1,2-Dichlorobenzene	10.0	9.37	94	81 - 110	
1,3-Dichlorobenzene	10.0	9.22	92	80 - 110	
1,4-Dichlorobenzene	10.0	9.16	92	82 - 110	
Bromodichloromethane	10.0	7.53	75	72 - 121	
Dichlorodifluoromethane	10.0	5.96	60	19 - 129	
1,1-Dichloroethane	10.0	9.31	93	82 - 115	
1,2-Dichloroethane	10.0	8.75	88	71 - 127	
1,1-Dichloroethene	10.0	9.52	95	78 - 131	
1,2-Dichloropropane	10.0	9.38	94	81 - 115	
Ethylbenzene	10.0	9.49	95	83 - 112	
1,2-Dibromoethane	10.0	9.35	94	79 - 113	
2-Hexanone	20.0	18.9	95	55 - 133	
Isopropylbenzene	10.0	9.66	97	75 - 114	
Methyl acetate	10.0	9.88	99	58 - 131	J
Methylcyclohexane	10.0	11.1	111	56 - 127	
Methylene Chloride	10.0	9.09	91	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	16.3	82	63 - 128	
Methyl tert-butyl ether	10.0	7.72	77	52 - 144	
Styrene	10.0	9.27	93	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	68 - 118	
Tetrachloroethene	10.0	9.71	97	79 - 114	
Toluene	10.0	10.2	102	84 - 111	
trans-1,2-Dichloroethene	10.0	9.43	94	83 - 117	
trans-1,3-Dichloropropene	10.0	7.27	73	58 - 117	
1,2,4-Trichlorobenzene	10.0	8.08	81	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-6768

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-6768/4	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7381.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 1449	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 1449				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	7.62	76	74 - 118	
1,1,2-Trichloroethane	10.0	10.1	101	80 - 112	
Trichloroethene	10.0	9.31	93	76 - 117	
Trichlorofluoromethane	10.0	6.52	65	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.93	89	74 - 151	
Vinyl chloride	10.0	8.19	82	53 - 127	
m-Xylene & p-Xylene	20.0	18.7	94	83 - 113	
o-Xylene	10.0	9.82	98	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	97	66 - 117
Dibromofluoromethane (Surr)	94	75 - 121
1,2-Dichloroethane-d4 (Surr)	92	63 - 129
Toluene-d8 (Surr)	111	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6768

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2303			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2303				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7404.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2325			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2325				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	65	65	33 - 145	1	30		
Benzene	101	99	72 - 121	2	30		
Bromoform	48	46	32 - 128	2	30		
Bromomethane	84	81	10 - 186	4	30		
2-Butanone (MEK)	66	65	54 - 129	1	30		
Carbon disulfide	118	110	57 - 147	6	30		
Carbon tetrachloride	83	82	59 - 129	1	30		
Chlorobenzene	93	96	80 - 110	3	30		
Dibromochloromethane	67	65	56 - 118	3	30		
Chloroethane	120	118	21 - 165	2	30		
Chloroform	100	100	76 - 118	0	30		
Chloromethane	69	67	33 - 132	4	30		
cis-1,2-Dichloroethene	102	100	70 - 120	2	30		
cis-1,3-Dichloropropene	55	52	51 - 110	6	30		
Cyclohexane	109	100	49 - 123	9	30		
1,2-Dibromo-3-Chloropropane	58	59	32 - 139	3	30		
1,2-Dichlorobenzene	91	90	75 - 111	2	30		
1,3-Dichlorobenzene	91	89	73 - 110	2	30		
1,4-Dichlorobenzene	89	89	75 - 110	1	30		
Bromodichloromethane	77	77	67 - 120	0	30		
Dichlorodifluoromethane	62	55	17 - 128	12	30		
1,1-Dichloroethane	102	101	79 - 116	1	30		
1,2-Dichloroethane	83	80	68 - 129	4	30		
1,1-Dichloroethene	111	108	74 - 135	3	30		
1,2-Dichloropropane	95	95	78 - 115	0	30		
Ethylbenzene	99	98	75 - 116	0	30		
1,2-Dibromoethane	82	80	74 - 113	3	30		
2-Hexanone	82	85	47 - 139	4	30		
Isopropylbenzene	97	99	68 - 116	2	30		
Methyl acetate	74	73	47 - 130	2	30	J	J
Methylcyclohexane	110	102	49 - 127	8	30		
Methylene Chloride	95	96	63 - 128	0	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6768

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2303			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2303				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-6768	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7404.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	06/30/2011 2325			Final Weight/Volume:	5 mL
Prep Date:	06/30/2011 2325				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone (MIBK)	78	76	56 - 131	3	30		
Methyl tert-butyl ether	79	78	46 - 144	1	30		
Styrene	90	93	71 - 117	3	30		
1,1,2,2-Tetrachloroethane	90	86	63 - 122	4	30		
Tetrachloroethene	94	88	70 - 117	6	30		
Toluene	98	97	78 - 114	1	30		
trans-1,2-Dichloroethene	105	105	80 - 119	0	30		
trans-1,3-Dichloropropene	51	47	46 - 116	8	30		
1,2,4-Trichlorobenzene	76	77	38 - 138	1	30		
1,1,1-Trichloroethane	89	89	68 - 121	0	30		
1,1,2-Trichloroethane	89	88	75 - 115	1	30		
Trichloroethene	94	92	66 - 120	2	30		
Trichlorofluoromethane	111	103	46 - 157	7	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	113	102	70 - 152	10	30		
Vinyl chloride	100	96	49 - 130	4	30		
m-Xylene & p-Xylene	95	96	75 - 117	1	30		
o-Xylene	98	99	76 - 116	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	99	96	66 - 117
Dibromofluoromethane (Surr)	98	92	75 - 121
1,2-Dichloroethane-d4 (Surr)	86	79	63 - 129
Toluene-d8 (Surr)	103	99	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-7131

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-7131/5	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1225	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1225				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-7131

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-7131/5	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1225	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1225				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	87	66 - 117
Dibromofluoromethane (Surr)	83	75 - 121
1,2-Dichloroethane-d4 (Surr)	94	63 - 129
Toluene-d8 (Surr)	107	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-7131

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-7131/4	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1202	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1202				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	18.5	93	43 - 136	
Benzene	10.0	10.5	105	83 - 112	
Bromoform	10.0	6.97	70	40 - 131	
Bromomethane	10.0	5.85	59	11 - 185	
2-Butanone (MEK)	20.0	23.4	117	60 - 126	
Carbon disulfide	10.0	7.96	80	62 - 142	
Carbon tetrachloride	10.0	7.77	78	66 - 128	
Chlorobenzene	10.0	10.2	102	85 - 110	
Dibromochloromethane	10.0	8.76	88	64 - 119	
Chloroethane	10.0	7.64	76	25 - 153	
Chloroform	10.0	9.34	93	79 - 117	
Chloromethane	10.0	8.22	82	44 - 126	
cis-1,2-Dichloroethene	10.0	9.26	93	80 - 113	
cis-1,3-Dichloropropene	10.0	8.51	85	61 - 115	
Cyclohexane	10.0	9.19	92	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	8.51	85	42 - 136	
1,2-Dichlorobenzene	10.0	9.45	95	81 - 110	
1,3-Dichlorobenzene	10.0	9.67	97	80 - 110	
1,4-Dichlorobenzene	10.0	9.81	98	82 - 110	
Bromodichloromethane	10.0	8.64	86	72 - 121	
Dichlorodifluoromethane	10.0	7.62	76	19 - 129	
1,1-Dichloroethane	10.0	9.40	94	82 - 115	
1,2-Dichloroethane	10.0	9.94	99	71 - 127	
1,1-Dichloroethene	10.0	9.22	92	78 - 131	
1,2-Dichloropropane	10.0	10.6	106	81 - 115	
Ethylbenzene	10.0	10.2	102	83 - 112	
1,2-Dibromoethane	10.0	11.2	112	79 - 113	
2-Hexanone	20.0	23.1	116	55 - 133	
Isopropylbenzene	10.0	9.32	93	75 - 114	
Methyl acetate	10.0	11.4	114	58 - 131	
Methylcyclohexane	10.0	9.36	94	56 - 127	
Methylene Chloride	10.0	9.13	91	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	21.1	106	63 - 128	
Methyl tert-butyl ether	10.0	8.31	83	52 - 144	
Styrene	10.0	9.71	97	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	12.2	122	68 - 118	*
Tetrachloroethene	10.0	10.0	100	79 - 114	
Toluene	10.0	10.8	108	84 - 111	
trans-1,2-Dichloroethene	10.0	9.10	91	83 - 117	
trans-1,3-Dichloropropene	10.0	8.98	90	58 - 117	
1,2,4-Trichlorobenzene	10.0	8.09	81	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-7131

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-7131/4	Analysis Batch:	240-7131	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1202	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 1202				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	7.51	75	74 - 118	
1,1,2-Trichloroethane	10.0	11.7	117	80 - 112	*
Trichloroethene	10.0	10.2	102	76 - 117	
Trichlorofluoromethane	10.0	8.60	86	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.03	90	74 - 151	
Vinyl chloride	10.0	8.46	85	53 - 127	
m-Xylene & p-Xylene	20.0	19.9	100	83 - 113	
o-Xylene	10.0	9.88	99	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	92	66 - 117
Dibromofluoromethane (Surr)	90	75 - 121
1,2-Dichloroethane-d4 (Surr)	96	63 - 129
Toluene-d8 (Surr)	111	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6165 **Method: 8270C**
Preparation: 3520C

Lab Sample ID:	MB 240-6165/17-A	Analysis Batch:	240-8363	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-6165	Lab File ID:	0714106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/14/2011 1011	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	ND		0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6165

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-6165/17-A	Analysis Batch:	240-8363	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-6165	Lab File ID:	0714106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/14/2011 1011	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	52	28 - 110
2-Fluorophenol (Surr)	54	10 - 110
Nitrobenzene-d5 (Surr)	53	27 - 111
Phenol-d5 (Surr)	54	10 - 110
Terphenyl-d14 (Surr)	65	37 - 119
2,4,6-Tribromophenol (Surr)	47	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-6165

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-6165/18-A	Analysis Batch:	240-8363	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-6165	Lab File ID:	0714107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/14/2011 1028	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	14.7	73	40 - 110	
Acenaphthylene	20.0	14.6	73	43 - 110	
Anthracene	20.0	14.5	73	54 - 114	
Benzo[a]anthracene	20.0	13.7	69	55 - 115	
Benzo[a]pyrene	20.0	12.3	62	43 - 116	
Benzo[b]fluoranthene	20.0	13.5	67	43 - 122	
Benzo[g,h,i]perylene	20.0	14.7	73	45 - 120	
Benzo[k]fluoranthene	20.0	15.5	78	43 - 124	
1,1'-Biphenyl	20.0	14.5	73	50 - 130	
Bis(2-chloroethoxy)methane	20.0	15.4	77	39 - 110	
Bis(2-chloroethyl)ether	20.0	15.3	77	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	16.0	80	36 - 163	
4-Bromophenyl phenyl ether	20.0	14.3	72	51 - 114	
Butyl benzyl phthalate	20.0	15.7	79	53 - 126	
Caprolactam	20.0	14.9	75	50 - 130	
Carbazole	20.0	14.6	73	53 - 120	
4-Chloroaniline	20.0	13.7	69	10 - 110	
4-Chloro-3-methylphenol	20.0	14.6	73	39 - 110	
2-Chloronaphthalene	20.0	14.4	72	39 - 110	
2-Chlorophenol	20.0	14.2	71	27 - 110	
4-Chlorophenyl phenyl ether	20.0	15.0	75	50 - 115	
Chrysene	20.0	14.6	73	55 - 115	
Dibenz(a,h)anthracene	20.0	14.4	72	46 - 122	
Dibenzofuran	20.0	14.8	74	46 - 111	
3,3'-Dichlorobenzidine	20.0	9.34	47	19 - 110	
2,4-Dichlorophenol	20.0	14.7	74	33 - 110	
Diethyl phthalate	20.0	14.9	75	33 - 134	
2,4-Dimethylphenol	20.0	11.2	56	12 - 110	
Dimethyl phthalate	20.0	15.0	75	15 - 143	
Di-n-butyl phthalate	20.0	15.4	77	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	13.4	67	28 - 112	
2,4-Dinitrophenol	20.0	10.4	52	17 - 112	
2,4-Dinitrotoluene	20.0	15.7	79	52 - 123	
Di-n-octyl phthalate	20.0	14.9	74	44 - 128	
Fluoranthene	20.0	14.9	75	54 - 122	
Fluorene	20.0	14.6	73	47 - 112	
Hexachlorobenzene	20.0	14.0	70	51 - 112	
Hexachlorobutadiene	20.0	13.3	67	13 - 110	
Hexachlorocyclopentadiene	20.0	3.82	19	10 - 110	J
Hexachloroethane	20.0	13.6	68	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	14.3	72	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-6165

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-6165/18-A	Analysis Batch:	240-8363	Instrument ID:	A4AG2
Client Matrix:	Water	Prep Batch:	240-6165	Lab File ID:	0714107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/14/2011 1028	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	06/27/2011 0836			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	14.9	75	44 - 128	
2-Methylnaphthalene	20.0	16.7	83	35 - 110	
2-Methylphenol	20.0	13.9	69	30 - 110	
Naphthalene	20.0	14.3	71	31 - 110	
2-Nitroaniline	20.0	15.2	76	43 - 130	
3-Nitroaniline	20.0	14.7	74	45 - 116	
4-Nitroaniline	20.0	14.5	72	45 - 120	
2-Nitrophenol	20.0	15.2	76	29 - 110	
4-Nitrophenol	20.0	15.9	79	12 - 130	
N-Nitrosodi-n-propylamine	20.0	14.9	74	37 - 121	
N-Nitrosodiphenylamine	20.0	14.0	70	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	15.5	78	25 - 128	
Pentachlorophenol	20.0	12.9	65	26 - 110	
Phenanthrene	20.0	14.2	71	52 - 114	
Phenol	20.0	14.9	75	14 - 112	
Pyrene	20.0	14.6	73	55 - 120	
2,4,5-Trichlorophenol	20.0	14.9	74	39 - 110	
2,4,6-Trichlorophenol	20.0	13.9	70	35 - 110	
3 & 4 Methylphenol	40.0	27.4	69	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	70	28 - 110
2-Fluorophenol (Surr)	71	10 - 110
Nitrobenzene-d5 (Surr)	72	27 - 111
Phenol-d5 (Surr)	73	10 - 110
Terphenyl-d14 (Surr)	80	37 - 119
2,4,6-Tribromophenol (Surr)	69	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-6317/23-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	MB6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2115	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.986	J	0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-6317/23-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	MB6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2115	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	0.740	J	0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	46	28 - 110
2-Fluorophenol (Surr)	56	10 - 110
Nitrobenzene-d5 (Surr)	53	27 - 111
Phenol-d5 (Surr)	59	10 - 110
Terphenyl-d14 (Surr)	61	37 - 119
2,4,6-Tribromophenol (Surr)	43	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-6317/24-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	LCS6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2134	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	12.1	60	40 - 110	
Acenaphthylene	20.0	12.7	63	43 - 110	
Anthracene	20.0	12.6	63	54 - 114	
Benzo[a]anthracene	20.0	11.9	60	55 - 115	
Benzo[a]pyrene	20.0	10.4	52	43 - 116	
Benzo[b]fluoranthene	20.0	11.5	58	43 - 122	
Benzo[g,h,i]perylene	20.0	13.2	66	45 - 120	
Benzo[k]fluoranthene	20.0	13.2	66	43 - 124	
1,1'-Biphenyl	20.0	12.0	60	50 - 130	
Bis(2-chloroethoxy)methane	20.0	13.7	69	39 - 110	
Bis(2-chloroethyl)ether	20.0	15.3	76	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	14.2	71	36 - 163	
4-Bromophenyl phenyl ether	20.0	12.6	63	51 - 114	
Butyl benzyl phthalate	20.0	13.7	68	53 - 126	
Caprolactam	20.0	12.9	65	50 - 130	
Carbazole	20.0	12.6	63	53 - 120	
4-Chloroaniline	20.0	10.7	53	10 - 110	
4-Chloro-3-methylphenol	20.0	12.7	64	39 - 110	
2-Chloronaphthalene	20.0	12.3	62	39 - 110	
2-Chlorophenol	20.0	13.7	69	27 - 110	
4-Chlorophenyl phenyl ether	20.0	12.7	64	50 - 115	
Chrysene	20.0	12.8	64	55 - 115	
Dibenz(a,h)anthracene	20.0	12.6	63	46 - 122	
Dibenzofuran	20.0	12.9	65	46 - 111	
3,3'-Dichlorobenzidine	20.0	7.02	35	19 - 110	
2,4-Dichlorophenol	20.0	12.6	63	33 - 110	
Diethyl phthalate	20.0	13.8	69	33 - 134	
2,4-Dimethylphenol	20.0	9.52	48	12 - 110	
Dimethyl phthalate	20.0	13.7	68	15 - 143	
Di-n-butyl phthalate	20.0	13.9	69	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	10.1	50	28 - 112	
2,4-Dinitrophenol	20.0	7.06	35	17 - 112	
2,4-Dinitrotoluene	20.0	14.2	71	52 - 123	
Di-n-octyl phthalate	20.0	12.7	64	44 - 128	
Fluoranthene	20.0	13.1	65	54 - 122	
Fluorene	20.0	12.7	64	47 - 112	
Hexachlorobenzene	20.0	12.7	63	51 - 112	
Hexachlorobutadiene	20.0	10.9	54	13 - 110	
Hexachlorocyclopentadiene	20.0	4.64	23	10 - 110	J
Hexachloroethane	20.0	11.9	59	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	12.5	63	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-6317/24-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	LCS6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2134	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	13.4	67	44 - 128	
2-Methylnaphthalene	20.0	13.9	70	35 - 110	
2-Methylphenol	20.0	14.0	70	30 - 110	
Naphthalene	20.0	12.1	61	31 - 110	
2-Nitroaniline	20.0	13.5	67	43 - 130	
3-Nitroaniline	20.0	12.3	61	45 - 116	
4-Nitroaniline	20.0	12.4	62	45 - 120	
2-Nitrophenol	20.0	13.1	66	29 - 110	
4-Nitrophenol	20.0	9.04	45	12 - 130	
N-Nitrosodi-n-propylamine	20.0	14.6	73	37 - 121	
N-Nitrosodiphenylamine	20.0	12.2	61	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	16.2	81	25 - 128	
Pentachlorophenol	20.0	8.94	45	26 - 110	
Phenanthrene	20.0	12.5	63	52 - 114	
Phenol	20.0	14.3	71	14 - 112	
Pyrene	20.0	12.5	63	55 - 120	
2,4,5-Trichlorophenol	20.0	12.8	64	39 - 110	
2,4,6-Trichlorophenol	20.0	11.9	60	35 - 110	
3 & 4 Methylphenol	40.0	27.8	70	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	60	28 - 110
2-Fluorophenol (Surr)	71	10 - 110
Nitrobenzene-d5 (Surr)	64	27 - 111
Phenol-d5 (Surr)	70	10 - 110
Terphenyl-d14 (Surr)	70	37 - 119
2,4,6-Tribromophenol (Surr)	61	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6317

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	1407N10S.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	420 mL
Analysis Date:	07/20/2011 0049			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-9529	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	1407N10D.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	420 mL
Analysis Date:	07/23/2011 1951			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	48	60	36 - 110	23	30		
Acenaphthylene	49	59	39 - 110	19	30		
Anthracene	54	61	46 - 110	13	30		
Benzo[a]anthracene	51	62	52 - 110	18	30	F	
Benzo[a]pyrene	46	52	33 - 110	11	30		
Benzo[b]fluoranthene	45	56	33 - 114	22	30		
Benzo[g,h,i]perylene	56	63	34 - 116	13	30		
Benzo[k]fluoranthene	58	64	32 - 121	9	30		
1,1'-Biphenyl	46	58	50 - 130	25	30	F	
Bis(2-chloroethoxy)methane	54	69	35 - 110	25	30		
Bis(2-chloroethyl)ether	57	72	27 - 110	23	30		
Bis(2-ethylhexyl) phthalate	58	64	40 - 140	10	30		
4-Bromophenyl phenyl ether	52	67	42 - 113	24	30		
Butyl benzyl phthalate	60	70	51 - 121	14	30		
Caprolactam	44	52	50 - 130	18	30	F	
Carbazole	55	65	49 - 114	15	30		
4-Chloroaniline	40	43	10 - 110	6	30		
4-Chloro-3-methylphenol	62	76	33 - 110	21	30		
2-Chloronaphthalene	47	61	34 - 110	25	30		
2-Chlorophenol	53	63	26 - 110	18	30		
4-Chlorophenyl phenyl ether	54	68	43 - 113	23	30		
Chrysene	52	63	52 - 111	20	30		
Dibenz(a,h)anthracene	54	63	35 - 118	15	30		
Dibenzofuran	52	65	41 - 110	22	30		
3,3'-Dichlorobenzidine	14	11	10 - 110	21	30	J	J
2,4-Dichlorophenol	54	69	30 - 110	25	30		
Diethyl phthalate	61	72	33 - 130	17	30		
2,4-Dimethylphenol	53	66	11 - 110	22	30		
Dimethyl phthalate	58	71	36 - 124	20	30		
Di-n-butyl phthalate	61	72	50 - 117	17	30		
4,6-Dinitro-2-methylphenol	23	65	25 - 110	95	30	J F	F
2,4-Dinitrophenol	19	57	11 - 119	100	30	J	F

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6317

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	1407N10S.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	420 mL
Analysis Date:	07/20/2011 0049			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-9529	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	1407N10D.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	420 mL
Analysis Date:	07/23/2011 1951			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrotoluene	60	74	46 - 119	20	30		
Di-n-octyl phthalate	54	57	36 - 124	5	30		
Fluoranthene	58	68	53 - 111	16	30		
Fluorene	54	65	43 - 110	19	30		
Hexachlorobenzene	53	64	40 - 113	18	30		
Hexachlorobutadiene	38	54	14 - 110	34	30		F
Hexachlorocyclopentadiene	13	26	10 - 110	65	30	J	J F
Hexachloroethane	40	49	10 - 110	20	30		
Indeno[1,2,3-cd]pyrene	54	62	36 - 116	13	30		
Isophorone	53	69	34 - 125	26	30		
2-Methylnaphthalene	56	74	35 - 110	27	30		
2-Methylphenol	57	86	26 - 110	41	30		F
Naphthalene	45	58	32 - 110	24	30		
2-Nitroaniline	62	69	31 - 129	10	30		
3-Nitroaniline	40	47	23 - 112	15	30		
4-Nitroaniline	32	28	26 - 115	13	30		
2-Nitrophenol	49	65	30 - 110	28	30		
4-Nitrophenol	55	67	13 - 127	19	30		
N-Nitrosodi-n-propylamine	53	66	25 - 119	22	30		
N-Nitrosodiphenylamine	67	70	28 - 118	4	30		
2,2'-oxybis[1-chloropropane]	53	62	25 - 128	16	30		
Pentachlorophenol	47	76	23 - 110	46	30		F
Phenanthrene	54	62	47 - 110	14	30		
Phenol	57	68	16 - 110	18	30		
Pyrene	56	66	54 - 115	16	30		
2,4,5-Trichlorophenol	55	74	36 - 110	29	30		
2,4,6-Trichlorophenol	53	63	34 - 110	17	30		
3 & 4 Methylphenol	57	67	25 - 110	16	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	47	60	28 - 110
2-Fluorophenol (Surr)	51	63	10 - 110

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	48	63	27 - 111
Phenol-d5 (Surr)	58	68	10 - 110
Terphenyl-d14 (Surr)	62	71	37 - 119
2,4,6-Tribromophenol (Surr)	87	103	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-8858

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8858/1-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0128	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	1.44	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	393	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	137	J	72	5000
Magnesium	ND		34	5000
Manganese	0.420	J	0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-8858

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8858/2-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8858	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0134	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	2090	105	80 - 120	
Beryllium	50.0	51.9	104	80 - 120	
Calcium	50000	50300	101	80 - 120	
Cadmium	50.0	50.5	101	80 - 120	
Cobalt	500	498	100	80 - 120	
Chromium	200	205	103	80 - 120	
Copper	250	247	99	80 - 120	
Iron	1000	1060	106	80 - 120	
Potassium	50000	50600	101	80 - 120	
Magnesium	50000	49600	99	80 - 120	
Manganese	500	516	103	80 - 120	
Silver	50.0	49.9	100	80 - 120	
Sodium	50000	48000	96	80 - 120	
Nickel	500	513	103	80 - 120	
Vanadium	500	500	100	80 - 120	
Zinc	500	547	109	80 - 120	
Lead	500	505	101	80 - 120	
Selenium	2000	2020	101	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-8860

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8860/1-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0408	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	1.39	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	379	J	130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	140	J	72	5000
Magnesium	ND		34	5000
Manganese	ND		0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample - Batch: 240-8860

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8860/2-A	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0414	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	1000	1060	106	80 - 120	
Beryllium	25.0	25.9	104	80 - 120	
Calcium	25000	26300	105	80 - 120	
Cadmium	25.0	26.1	105	80 - 120	
Cobalt	250	256	102	80 - 120	
Chromium	100	104	104	80 - 120	
Copper	125	123	98	80 - 120	
Iron	500	539	108	80 - 120	
Potassium	25000	27200	109	80 - 120	
Magnesium	25000	26100	105	80 - 120	
Manganese	250	264	105	80 - 120	
Silver	25.0	25.2	101	80 - 120	
Sodium	25000	25100	100	80 - 120	
Nickel	250	260	104	80 - 120	
Vanadium	250	260	104	80 - 120	
Zinc	250	284	114	80 - 120	
Lead	250	260	104	80 - 120	
Selenium	1000	1030	103	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8860

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0445			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-9189	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-8860	Lab File ID:	I60720A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/21/2011 0451			Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0814				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Barium	107	105	75 - 125	2	20		
Beryllium	104	101	75 - 125	3	20		
Calcium	93	86	75 - 125	3	20		
Cadmium	102	99	75 - 125	2	20		
Cobalt	100	98	75 - 125	2	20		
Chromium	103	101	75 - 125	2	20		
Copper	104	102	75 - 125	2	20		
Iron	106	103	75 - 125	2	20		
Potassium	100	97	75 - 125	2	20		
Magnesium	100	96	75 - 125	2	20		
Manganese	104	101	75 - 125	2	20		
Silver	103	101	75 - 125	2	20		
Sodium	99	96	75 - 125	2	20		
Nickel	102	100	75 - 125	2	20		
Vanadium	103	101	75 - 125	2	20		
Zinc	110	109	75 - 125	1	20		
Lead	102	100	75 - 125	2	20		
Selenium	88	88	75 - 125	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-10725

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-10725/1-A	Analysis Batch:	240-11086	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 1954	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	0.155	J	0.14	1.0

Lab Control Sample - Batch: 240-10725

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-10725/2-A	Analysis Batch:	240-11086	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 1959	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	11000	110	80 - 120	
Arsenic	1000	1020	102	80 - 120	
Antimony	100	104	104	80 - 120	
Thallium	1000	926	93	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-10725

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-11086	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 2018			Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-11086	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-10725	Lab File ID:	I80805A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2011 2025			Final Weight/Volume:	50 mL
Prep Date:	08/03/2011 1203				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	107	107	63 - 128	1	20		
Arsenic	101	100	82 - 123	2	20		
Antimony	103	100	44 - 153	3	20		
Thallium	97	96	69 - 117	1	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-8858

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-8858/1-A	Analysis Batch:	240-10006	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1704	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	0.150	J	0.13	2.0
Thallium	0.547	J	0.14	1.0

Lab Control Sample - Batch: 240-8858

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-8858/3-A	Analysis Batch:	240-10006	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-8858	Lab File ID:	I80727B.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/27/2011 1711	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/19/2011 0800				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9320	93	80 - 120	
Arsenic	1000	961	96	80 - 120	
Antimony	100	94.5	95	80 - 120	
Thallium	1000	948	95	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-7445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-7445/1-A	Analysis Batch:	240-7837	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0812	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-7445

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-7445/2-A	Analysis Batch:	240-7837	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0815	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.74	95	81 - 123	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-7445

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	240-1407-8	Analysis Batch:	240-7837	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0818			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-8	Analysis Batch:	240-7837	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-7445	Lab File ID:	HG10708A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/08/2011 0927			Final Weight/Volume:	100 mL
Prep Date:	07/07/2011 1550				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	109	103	69 - 134	6	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-8063

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-8063/1-A	Analysis Batch:	240-8457	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1139	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-8063

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-8063/2-A	Analysis Batch:	240-8457	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1140	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.81	96	81 - 123	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-8063

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-8457	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1142			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-8457	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-8063	Lab File ID:	HG10713A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1144			Final Weight/Volume:	100 mL
Prep Date:	07/12/2011 1210				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	98	98	69 - 134	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6899

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-6899/5	Analysis Batch:	240-6899	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001557-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1302	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-6899

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-6899/6	Analysis Batch:	240-6899	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001557-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1318	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-6899/7	Analysis Batch:	240-6899	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001557-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1334	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	101	101	90 - 110	0	20		
Bromide	103	103	90 - 110	0	20		
Sulfate	98	100	90 - 110	2	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike - Batch: 240-6899

Method: 300.0
Preparation: N/A

Lab Sample ID:	240-1407-13	Analysis Batch:	240-6899	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	19240-0001557-019.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1651	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	22	50.0	82.3	121	80 - 120	F
Bromide	ND	10.0	11.0	110	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6932 **Method: 300.0**
Preparation: N/A

Lab Sample ID:	MB 240-6932/5	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001564-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1533	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Method Blank - Batch: 240-6932 **Method: 300.0**
Preparation: N/A

Lab Sample ID:	MB 240-6932/53	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	53240-0001564-053.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 0528	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-6932

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-6932/6	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001564-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1550	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-6932/7	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001564-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/01/2011 1608	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	93	94	90 - 110	0	20		
Sulfate	96	96	90 - 110	0	20		

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-6932

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-6932/54	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	54240-0001564-054.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 0545	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-6932/55	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	55240-0001564-055.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 0603	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	93	94	90 - 110	0	20		
Sulfate	97	97	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike - Batch: 240-6932

Method: 300.0
Preparation: N/A

Lab Sample ID:	240-1407-4	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	46240-0001564-046.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 0326	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	2.2	50.0	55.4	106	80 - 120	
Bromide	ND	10.0	9.90	99	80 - 120	
Sulfate	14	50.0	67.0	105	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6932

Method: 300.0
Preparation: N/A

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	61240-0001564-061.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 0747			Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-6932	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	62240-0001564-062.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 0804			Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	116	116	80 - 120	0	20		
Bromide	95	95	80 - 120	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-7154

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-7154/5	Analysis Batch:	240-7154	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001620-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1825	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-7154

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-7154/6	Analysis Batch:	240-7154	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001620-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1841	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 240-7154/7	Analysis Batch:	240-7154	Instrument ID:	SIMON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001620-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 1858	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	99	100	90 - 110	1	20		
Bromide	100	100	90 - 110	0	20		
Sulfate	97	97	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-7484

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-7484/5	Analysis Batch:	240-7484	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	5240-0001683-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2011 1356	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample - Batch: 240-7484

Method: 300.0
Preparation: N/A

Lab Sample ID:	LCS 240-7484/6	Analysis Batch:	240-7484	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001683-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2011 1413	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	50.0	52.2	104	90 - 110	
Bromide	10.0	10.0	100	90 - 110	
Sulfate	50.0	50.3	101	90 - 110	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-7484

Method: 300.0
Preparation: N/A

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-7484	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	9240-0001683-009.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2011 1505			Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-7484	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	10240-0001683-010.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/08/2011 1523			Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfate	89	86	80 - 120	2	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6730

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6730/1-A	Analysis Batch:	240-6794	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6730	Lab File ID:	CN063011B.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1247	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 1139				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6730

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6730/2-A	Analysis Batch:	240-6794	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6730	Lab File ID:	CN063011B.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1303	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	06/30/2011 1139				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.898	0.699	78	69 - 118	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Blank - Batch: 240-6842

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6842/1-A	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6842	Lab File ID:	cn070111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/01/2011 1248	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	07/01/2011 0823				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6842

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6842/2-A	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6842	Lab File ID:	cn070111.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/01/2011 1304	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	07/01/2011 0823				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.898	0.977	109	69 - 118	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-6842

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	240-1407-10	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6842	Lab File ID:	cn070111.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/01/2011 1304			Final Weight/Volume:	25 mL
Prep Date:	07/01/2011 0823				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1407-10	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6842	Lab File ID:	cn070111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/01/2011 1348			Final Weight/Volume:	25 mL
Prep Date:	07/01/2011 0823				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	197	94	42 - 140	26	20	J F	F

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1407-1

Method Reporting Limit Check - Batch: 240-6936

Method: 9012A
Preparation: N/A

Lab Sample ID:	MRL 240-6936/6	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	cn070111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	07/01/2011 1220	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.00500	0.00522	104	70 - 130	J

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: Metals	Bromide	Chloride	Sulfate	REMARKS
1	6/22/11	843	GW-WT116A-062211	Water	2	X	X	X	X	
2		952	GW-WT116B-062211		2	X	X	X	X	
3		1123	GW-WT115A-062211		2	X	X	X	X	
4		1303	GW-WT115C-062211		2	X	X	X	X	
5		1408	GW-WT115B-062211		2	X	X	X	X	
6	6/22/11	1530	GW-WT119B-062211		2	X	X	X	X	
7	6/23/11	804	GW-WT101A-062311		2	X	X	X	X	
8		905	GW-WT101D-062311		2	X	X	X	X	
9		1022	GW-WT101B-062311		4	X	X	X	X	MS/MSD
10		1136	GW-WT101C-062311		2	X	X	X	X	
11		1237	GW-WT101E-062311		2	X	X	X	X	
12	6/23/11	1455	GW-WT103A-062311	Water	2	X	X	X	X	
TOTAL NUMBER OF CONTAINERS					76					

RELINQUISHED BY: ① _____	DATE: 6/23/11 TIME: 1630	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 1451 7892

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SAMPLE TEAM: Tim Prange, Nick Hill

RECEIVED FOR LABORATORY BY: _____
DATE: 6-24-11 TIME: 0930

2542

400001-00(SOURCE)GN-CO007

08/18/2011

Page 159 of 165

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-48

PROJECT NAME: HIMCO

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prunger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	PARAMETERS: Cyan.	REMARKS
1	6/22/11	843	GW-WT116A-062211	Water	4	X	X	
2		900	TRIP BLANK-062211-005		1	X		
3		952	GW-WT116B-062211		4	X	X	
4		1123	GW-WT115A-062211		4	X	X	
5		1303	GW-WT115C-062211		4	X	X	
6		1408	GW-WT115B-062211		4	X	X	
7	6/22/11	1530	GW-WT119B-062211		4	X	X	
8	6/23/11	804	GW-WT101A-062311		4	X	X	
9		905	GW-WT101D-062311		4	X	X	
10		1022	GW-WT101B-062311		8	X	X	MS/MSD
11		1136	GW-WT101C-062311		4	X	X	
12		1237	GW-WT101E-062311		4	X	X	
13	6/23/11	1455	GW-WT103A-062311	Water	4	X	X	
TOTAL NUMBER OF CONTAINERS					53			

RELINQUISHED BY: ① _____	DATE: 6/23/11 TIME: 1630	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 1431 7892

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Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prunger, Nick H.

RECEIVED FOR LABORATORY BY: _____ DATE: 6-24-11 TIME: 0930

2541

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CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA - North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: HIMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prenger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS 4 VOC	REMARKS
1	6/22/11	843	GW-WT116A-062211	Water	2	X	
2		952	GW-WT116B-062211		2	X	
3		1123	GW-WT115A-062211		2	X	
4		1303	GW-WT115C-062211		2	X	
5		1408	GW-WT115B-062211		2	X	
6	6/22/11	1530	GW-WT119B-062211	Water	2	X	

TOTAL NUMBER OF CONTAINERS 12

RELINQUISHED BY: ① _____	DATE: 6/23/11 TIME: 1630	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 1431 7892

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Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: T. Prenger, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 6-24-11 TIME: 0930

2543

400001-00(SOURCE)GN-CO007

08/18/2011

CONESTOGA-ROVERS & ASSOCIATES

6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

SHIPPED TO (Laboratory Name): TA - North Canton, OH

CHAIN-OF-CUSTODY RECORD

REFERENCE NUMBER: 39611-40

PROJECT NAME: HEMCO

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Granger

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: SOC	REMARKS
1	6/23/11	804	GW-WT101A-062311	Water	2	X	
2		905	GW-WT101D-062311		2	X	
3		1022	GW-WT101B-062311		4	X	MS/MSD
4		1136	GW-WT101C-062311		2	X	
5		1237	GW-WT101F-062311		2	X	
6	6/23/11	1455	GW-WT103A-062311	Water	2	X	
			TOTAL NUMBER OF CONTAINERS		14		

RELINQUISHED BY: ① Tim Granger	DATE: 6/23/11 TIME: 1630	RECEIVED BY: ② _____	DATE: TIME:
RELINQUISHED BY: ② _____	DATE: TIME:	RECEIVED BY: ③ _____	DATE: TIME:
RELINQUISHED BY: ③ _____	DATE: TIME:	RECEIVED BY: ④ _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 1431 7892

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Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Granger, Nick Hill

RECEIVED FOR LABORATORY BY: _____ DATE: 10-24-11 TIME: 0930

2544

400001-00(SOURCE)GN-CO007

08/18/2011

Page 162 of 165

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: _____

Client CRA Project Himco By: _____ (Signature)

Cooler Received on 6-24-11 Opened on 6-24-11

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____

TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity Y Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐ NA ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☒ No ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☐ No ☒ NA ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐
    Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
    Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 100110-HNO_3; Sulfuric Acid Lot# 110410-H_2SO_4; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-$(CH_3COO)_2ZN$/NaOH.* What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initi
943	<2	6-24-11	
952	<2		
1123	<2		
1303	<2		
1409	<2		
1530	<2		
804	<2		
905	<2		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials
1022	≤2	6-24-11	LD
1136	≤2		
1257	≤2		
1455	≤2		

Cooler #	Temp. °C	Method	Coolant
S107	1.9	ER	Ice
A274	2.2		
TA8	2.8		
Q115	1.6		

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-1407-1

Login Number: 1407

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9/2.2/2.8/1.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-1463-1

Job Description: 39611-40 HIMCO

For:
Conestoga-Rovers & Associates, Inc.
6520 Corporate Drive
Indianapolis, IN 46278

Attention: Mr. Steve Day

Approved for release.
Amy L McCormick
Project Manager II
8/16/2011 3:48 PM

Amy L McCormick
Project Manager II
amy.mccormick@testamericainc.com
08/16/2011

cc: EDD CRA
CRA Tracking CRA Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

TestAmerica Laboratories, Inc.
TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330) 497-9396 Fax (330) 497-0772 www.testamericainc.com

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 39611-40 HIMCO

Report Number: 240-1463-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/25/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.4 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2), GW-WTB1-062411 (240-1463-3) and TRIP BLANK-062411-006 (240-1463-4) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/06/2011.

Acetone was detected in method blank MB 240-7198/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

The laboratory control sample (LCS) for batch 7198 exceeded control limits for the following analytes: Toluene and 1,1,2-Trichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2) and GW-WTB1-062411 (240-1463-3) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 07/21/2011.

Bis(2-ethylhexyl) phthalate and Phenol were detected in method blank MB 240-6317/23-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample

reported a result above the MDL and/or RL, the result has been “B” flagged.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2) and GW-WTB1-062411 (240-1463-3) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 07/22/2011.

Beryllium was detected in method blank MB 240-9068/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Copper, Potassium and Zinc were detected in method blank MB 240-9068/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2) and GW-WTB1-062411 (240-1463-3) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were analyzed on 07/28/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2) and GW-WTB1-062411 (240-1463-3) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were analyzed on 07/13/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2) and GW-WTB1-062411 (240-1463-3) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 07/02/2011.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples GW-WTB4-062411 (240-1463-1), GW-WTB3-062411 (240-1463-2) and GW-WTB1-062411 (240-1463-3) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 07/01/2011.

No difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1463-1	**GW-WTB4-062411**					
Acetone		2.4	J B	10	ug/L	8260B
2-Butanone (MEK)		3.6	J	10	ug/L	8260B
Carbon disulfide		0.83	J	1.0	ug/L	8260B
Vinyl chloride		1.3		1.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		3.3	B	2.0	ug/L	8270C
Chloride		35		1.0	mg/L	300.0
Bromide		0.36	J	0.50	mg/L	300.0
Sulfate		9.3		1.0	mg/L	300.0
Cyanide, Total		0.0095	J	0.010	mg/L	9012A
Total Recoverable						
Barium		46	J	200	ug/L	6010B
Beryllium		0.70	J B	1.0	ug/L	6010B
Calcium		61000		5000	ug/L	6010B
Iron		660		100	ug/L	6010B
Potassium		800	J B	5000	ug/L	6010B
Magnesium		21000		5000	ug/L	6010B
Manganese		190		15	ug/L	6010B
Sodium		4100	J	5000	ug/L	6010B
Arsenic		0.79	J	1.0	ug/L	6020
Antimony		0.24	J	2.0	ug/L	6020
Thallium		1.1		1.0	ug/L	6020
240-1463-2	**GW-WTB3-062411**					
Acetone		1.1	J B	10	ug/L	8260B
2-Butanone (MEK)		1.1	J	10	ug/L	8260B
Carbon disulfide		0.30	J	1.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		4.3	B	2.0	ug/L	8270C
Chloride		51		1.0	mg/L	300.0
Bromide		0.12	J	0.50	mg/L	300.0
Sulfate		55		1.0	mg/L	300.0
Cyanide, Total		0.0076	J	0.010	mg/L	9012A
Total Recoverable						
Barium		71	J	200	ug/L	6010B
Calcium		71000		5000	ug/L	6010B
Iron		150		100	ug/L	6010B
Potassium		1200	J B	5000	ug/L	6010B
Magnesium		24000		5000	ug/L	6010B
Manganese		550		15	ug/L	6010B
Sodium		17000		5000	ug/L	6010B
Arsenic		3.5		1.0	ug/L	6020
Antimony		0.22	J	2.0	ug/L	6020
Thallium		1.8		1.0	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-1463-3	**GW-WTB1-062411**					
Bis(2-ethylhexyl) phthalate		1.7	J B	2.0	ug/L	8270C
Chloride		61		1.0	mg/L	300.0
Bromide		0.43	J	0.50	mg/L	300.0
Sulfate		0.24	J	1.0	mg/L	300.0
Total Recoverable						
Barium		130	J	200	ug/L	6010B
Calcium		44000		5000	ug/L	6010B
Potassium		2200	J B	5000	ug/L	6010B
Magnesium		23000		5000	ug/L	6010B
Sodium		55000		5000	ug/L	6010B
Nickel		6.4	J	40	ug/L	6010B
Zinc		16	J B	20	ug/L	6010B
Selenium		4.2	J	5.0	ug/L	6010B
Antimony		0.32	J	2.0	ug/L	6020
Thallium		0.67	J	1.0	ug/L	6020
240-1463-4TB	**TRIP BLANK-062411-006**					
Acetone		6.4	J B	10	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
TCL VOA	TAL NC	SW846 8260B	
Purge and Trap	TAL NC		SW846 5030B
TCL Semivolatile Compounds (OLMO4.2)	TAL NC	SW846 8270C	
Liquid-Liquid Extraction (Continuous)			SW846 3520C
TAL Metals	TAL NC	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
TAL Metals	TAL NC	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals			SW846 3005A
Total Mercury	TAL NC	SW846 7470A	
Preparation, Mercury			SW846 7470A
Anions, Ion Chromatography	TAL NC	MCAWW 300.0	
Total Cyanide (Automated Colorimetric]	TAL NC	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation			SW846 9012A

Lab References:

TAL NC = TestAmerica North Canton

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method	Analyst	Analyst ID
SW846 8260B	Williams, Larry	LW
SW846 8270C	Ulman, Mark	MU
SW846 6010B	Counts, Karen	KC
SW846 6020	Musselman, Natalie J	NJM
SW846 7470A	Davies, Brian	BD
MCAWW 300.0	Grossman, Lucas	LG
SW846 9012A	Menapace, Jason	JM

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-1463-1	GW-WTB4-062411	Water	06/24/2011 0752	06/25/2011 0930
240-1463-2	GW-WTB3-062411	Water	06/24/2011 0844	06/25/2011 0930
240-1463-3	GW-WTB1-062411	Water	06/24/2011 0946	06/25/2011 0930
240-1463-4TB	TRIP BLANK-062411-006	Water	06/24/2011 0855	06/25/2011 0930

SAMPLE RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7540.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0025			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0025				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	3.6	J	0.57	10
Carbon disulfide	0.83	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND	*	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND	*	0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7540.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0025			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0025				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	1.3		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	95		75 - 121
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
Toluene-d8 (Surr)	107		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7541.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0047			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0047				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	1.1	J	0.57	10
Carbon disulfide	0.30	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND	*	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND	*	0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7541.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0047			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0047				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		66 - 117
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
Toluene-d8 (Surr)	107		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7542.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0110			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0110				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND	*	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND	*	0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7542.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0110			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0110				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 117
Dibromofluoromethane (Surr)	89		75 - 121
1,2-Dichloroethane-d4 (Surr)	100		63 - 129
Toluene-d8 (Surr)	109		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **TRIP BLANK-062411-006**

Lab Sample ID: 240-1463-4TB Date Sampled: 06/24/2011 0855
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7543.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0132			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.4	J B	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND	*	0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND	*	0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **TRIP BLANK-062411-006**

Lab Sample ID: 240-1463-4TB Date Sampled: 06/24/2011 0855
Client Matrix: Water Date Received: 06/25/2011 0930

8260B TCL VOA

Analysis Method:	8260B	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXM7543.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0132			Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		66 - 117
Dibromofluoromethane (Surr)	92		75 - 121
1,2-Dichloroethane-d4 (Surr)	102		63 - 129
Toluene-d8 (Surr)	112		74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752
Client Matrix: Water Date Received: 06/25/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9361	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1463H1A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/21/2011 2230			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	3.3	B	0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752
Client Matrix: Water Date Received: 06/25/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9361	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1463H1A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/21/2011 2230			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		28 - 110
2-Fluorophenol (Surr)	63		10 - 110
Nitrobenzene-d5 (Surr)	61		27 - 111
Phenol-d5 (Surr)	63		10 - 110
Terphenyl-d14 (Surr)	73		37 - 119
2,4,6-Tribromophenol (Surr)	71		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844
Client Matrix: Water Date Received: 06/25/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9361	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1463G2A.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/21/2011 2249			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	4.3	B	0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.27	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844
Client Matrix: Water Date Received: 06/25/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9361	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1463G2A.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/21/2011 2249			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	60		28 - 110
2-Fluorophenol (Surr)	61		10 - 110
Nitrobenzene-d5 (Surr)	63		27 - 111
Phenol-d5 (Surr)	66		10 - 110
Terphenyl-d14 (Surr)	77		37 - 119
2,4,6-Tribromophenol (Surr)	100		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946
Client Matrix: Water Date Received: 06/25/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9361	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1463G3A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/21/2011 2309			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.35	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.35	1.0
Benzaldehyde	ND		0.40	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.82	1.0
Bis(2-chloroethoxy)methane	ND		0.33	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	1.7	J B	0.82	2.0
4-Bromophenyl phenyl ether	ND		0.82	2.0
Butyl benzyl phthalate	ND		0.82	1.0
Caprolactam	ND		0.82	5.1
Carbazole	ND		0.29	1.0
4-Chloroaniline	ND		0.82	2.0
4-Chloro-3-methylphenol	ND		0.82	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.30	1.0
4-Chlorophenyl phenyl ether	ND		0.31	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.38	5.1
2,4-Dichlorophenol	ND		0.82	2.0
Diethyl phthalate	ND		0.61	1.0
2,4-Dimethylphenol	ND		0.82	2.0
Dimethyl phthalate	ND		0.30	1.0
Di-n-butyl phthalate	ND		0.68	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.1
2,4-Dinitrophenol	ND		2.4	5.1
2,4-Dinitrotoluene	ND		0.28	5.1
2,6-Dinitrotoluene	ND		0.82	5.1
Di-n-octyl phthalate	ND		0.82	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.28	1.0
Hexachlorocyclopentadiene	ND		0.82	10
Hexachloroethane	ND		0.82	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20
Isophorone	ND		0.28	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946
Client Matrix: Water Date Received: 06/25/2011 0930

8270C TCL Semivolatile Compounds (OLMO4.2)

Analysis Method:	8270C	Analysis Batch:	240-9361	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-6317	Lab File ID:	1463G3A.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	07/21/2011 2309			Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.82	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.82	2.0
3-Nitroaniline	ND		0.29	2.0
4-Nitroaniline	ND		0.82	2.0
Nitrobenzene	ND		0.041	1.0
2-Nitrophenol	ND		0.29	2.0
4-Nitrophenol	ND		2.4	5.1
N-Nitrosodi-n-propylamine	ND		0.82	1.0
N-Nitrosodiphenylamine	ND		0.32	1.0
2,2'-oxybis[1-chloropropane]	ND		0.41	1.0
Pentachlorophenol	ND		2.4	5.1
Phenanthrene	ND		0.10	0.20
Phenol	ND		0.61	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.31	5.1
2,4,6-Trichlorophenol	ND		0.82	5.1
3 & 4 Methylphenol	ND		0.77	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	67		28 - 110
2-Fluorophenol (Surr)	71		10 - 110
Nitrobenzene-d5 (Surr)	73		27 - 111
Phenol-d5 (Surr)	70		10 - 110
Terphenyl-d14 (Surr)	83		37 - 119
2,4,6-Tribromophenol (Surr)	68		22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752
Client Matrix: Water Date Received: 06/25/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9543	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1604			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	46	J	0.67	200
Beryllium	0.70	J B	0.46	1.0
Calcium	61000		130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	660		81	100
Potassium	800	J B	72	5000
Magnesium	21000		34	5000
Manganese	190		0.41	15
Silver	ND		2.2	10
Sodium	4100	J	590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10191	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-9068	Lab File ID:	I80728A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/28/2011 1331			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	0.79	J	0.40	1.0
Antimony	0.24	J	0.13	2.0
Thallium	1.1		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8230	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1640			Final Weight/Volume:	100 mL
Prep Date:	07/13/2011 1300				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752
Client Matrix: Water Date Received: 06/25/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844
Client Matrix: Water Date Received: 06/25/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9543	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1629			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	71	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	71000		130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	150		81	100
Potassium	1200	J B	72	5000
Magnesium	24000		34	5000
Manganese	550		0.41	15
Silver	ND		2.2	10
Sodium	17000		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	ND		5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10191	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-9068	Lab File ID:	I80728A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/28/2011 1403			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	3.5		0.40	1.0
Antimony	0.22	J	0.13	2.0
Thallium	1.8		0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8230	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1641			Final Weight/Volume:	100 mL
Prep Date:	07/13/2011 1300				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844
Client Matrix: Water Date Received: 06/25/2011 0930

7470A Total Mercury

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946
Client Matrix: Water Date Received: 06/25/2011 0930

6010B TAL Metals-Total Recoverable

Analysis Method:	6010B	Analysis Batch:	240-9543	Instrument ID:	I6
Prep Method:	3005A	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1635			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Barium	130	J	0.67	200
Beryllium	ND		0.46	1.0
Calcium	44000		130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	ND		4.5	25
Iron	ND		81	100
Potassium	2200	J B	72	5000
Magnesium	23000		34	5000
Manganese	ND		0.41	15
Silver	ND		2.2	10
Sodium	55000		590	5000
Nickel	6.4	J	3.2	40
Vanadium	ND		0.64	50
Zinc	16	J B	5.0	20
Lead	ND		1.9	3.0
Selenium	4.2	J	4.1	5.0

6020 TAL Metals-Total Recoverable

Analysis Method:	6020	Analysis Batch:	240-10191	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-9068	Lab File ID:	I80728A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	07/28/2011 1410			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	0.32	J	0.13	2.0
Thallium	0.67	J	0.14	1.0

7470A Total Mercury

Analysis Method:	7470A	Analysis Batch:	240-8457	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-8230	Lab File ID:	HG10713A.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1642			Final Weight/Volume:	100 mL
Prep Date:	07/13/2011 1300				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.12	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946
Client Matrix: Water Date Received: 06/25/2011 0930

7470A Total Mercury

General Chemistry

Client Sample ID: **GW-WTB4-062411**

Lab Sample ID: 240-1463-1 Date Sampled: 06/24/2011 0752

Client Matrix: Water Date Received: 06/25/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	35		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1430						
Bromide	0.36	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1430						
Sulfate	9.3		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1430						
Cyanide, Total	0.0095	J	mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1254						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

General Chemistry

Client Sample ID: **GW-WTB3-062411**

Lab Sample ID: 240-1463-2 Date Sampled: 06/24/2011 0844

Client Matrix: Water Date Received: 06/25/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	51		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1447						
Bromide	0.12	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1447						
Sulfate	55		mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1447						
Cyanide, Total	0.0076	J	mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1258						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

General Chemistry

Client Sample ID: **GW-WTB1-062411**

Lab Sample ID: 240-1463-3 Date Sampled: 06/24/2011 0946

Client Matrix: Water Date Received: 06/25/2011 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	61		mg/L	0.10	1.0	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1505						
Bromide	0.43	J	mg/L	0.081	0.50	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1505						
Sulfate	0.24	J	mg/L	0.12	1.0	1.0	300.0
Analysis Batch: 240-7109	Analysis Date: 07/02/2011 1505						
Cyanide, Total	ND		mg/L	0.0050	0.010	1.0	9012A
Analysis Batch: 240-6936	Analysis Date: 07/01/2011 1258						
Prep Batch: 240-6842	Prep Date: 07/01/2011 0823						

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-7198					
LCS 240-7198/4	Lab Control Sample	T	Water	8260B	
MB 240-7198/5	Method Blank	T	Water	8260B	
240-1463-1	GW-WTB4-062411	T	Water	8260B	
240-1463-2	GW-WTB3-062411	T	Water	8260B	
240-1463-3	GW-WTB1-062411	T	Water	8260B	
240-1463-4TB	TRIP BLANK-062411-006	T	Water	8260B	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 240-6317					
LCS 240-6317/24-A	Lab Control Sample	T	Water	3520C	
MB 240-6317/23-A	Method Blank	T	Water	3520C	
240-1463-1	GW-WTB4-062411	T	Water	3520C	
240-1463-2	GW-WTB3-062411	T	Water	3520C	
240-1463-3	GW-WTB1-062411	T	Water	3520C	
Analysis Batch:240-9107					
LCS 240-6317/24-A	Lab Control Sample	T	Water	8270C	240-6317
MB 240-6317/23-A	Method Blank	T	Water	8270C	240-6317
Analysis Batch:240-9361					
240-1463-1	GW-WTB4-062411	T	Water	8270C	240-6317
240-1463-2	GW-WTB3-062411	T	Water	8270C	240-6317
240-1463-3	GW-WTB1-062411	T	Water	8270C	240-6317

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-8230					
LCS 240-8230/2-A	Lab Control Sample	T	Water	7470A	
MB 240-8230/1-A	Method Blank	T	Water	7470A	
240-1463-1	GW-WTB4-062411	T	Water	7470A	
240-1463-2	GW-WTB3-062411	T	Water	7470A	
240-1463-3	GW-WTB1-062411	T	Water	7470A	
Analysis Batch:240-8457					
LCS 240-8230/2-A	Lab Control Sample	T	Water	7470A	240-8230
MB 240-8230/1-A	Method Blank	T	Water	7470A	240-8230
240-1463-1	GW-WTB4-062411	T	Water	7470A	240-8230
240-1463-2	GW-WTB3-062411	T	Water	7470A	240-8230
240-1463-3	GW-WTB1-062411	T	Water	7470A	240-8230
Prep Batch: 240-9068					
LCS 240-9068/2-A	Lab Control Sample	R	Water	3005A	
LCS 240-9068/3-A	Lab Control Sample	R	Water	3005A	
MB 240-9068/1-A	Method Blank	R	Water	3005A	
240-1463-1	GW-WTB4-062411	R	Water	3005A	
240-1463-1MS	Matrix Spike	R	Water	3005A	
240-1463-1MSD	Matrix Spike Duplicate	R	Water	3005A	
240-1463-2	GW-WTB3-062411	R	Water	3005A	
240-1463-3	GW-WTB1-062411	R	Water	3005A	
Analysis Batch:240-9543					
LCS 240-9068/2-A	Lab Control Sample	R	Water	6010B	240-9068
MB 240-9068/1-A	Method Blank	R	Water	6010B	240-9068
240-1463-1	GW-WTB4-062411	R	Water	6010B	240-9068
240-1463-1MS	Matrix Spike	R	Water	6010B	240-9068
240-1463-1MSD	Matrix Spike Duplicate	R	Water	6010B	240-9068
240-1463-2	GW-WTB3-062411	R	Water	6010B	240-9068
240-1463-3	GW-WTB1-062411	R	Water	6010B	240-9068
Analysis Batch:240-10191					
LCS 240-9068/3-A	Lab Control Sample	R	Water	6020	240-9068
MB 240-9068/1-A	Method Blank	R	Water	6020	240-9068
240-1463-1	GW-WTB4-062411	R	Water	6020	240-9068
240-1463-2	GW-WTB3-062411	R	Water	6020	240-9068
240-1463-3	GW-WTB1-062411	R	Water	6020	240-9068

Report Basis

R = Total Recoverable

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 240-6842					
LCS 240-6842/2-A	Lab Control Sample	T	Water	9012A	
MB 240-6842/1-A	Method Blank	T	Water	9012A	
240-1463-1	GW-WTB4-062411	T	Water	9012A	
240-1463-2	GW-WTB3-062411	T	Water	9012A	
240-1463-3	GW-WTB1-062411	T	Water	9012A	
Analysis Batch:240-6936					
LCS 240-6842/2-A	Lab Control Sample	T	Water	9012A	240-6842
MB 240-6842/1-A	Method Blank	T	Water	9012A	240-6842
240-1463-1	GW-WTB4-062411	T	Water	9012A	240-6842
240-1463-2	GW-WTB3-062411	T	Water	9012A	240-6842
240-1463-3	GW-WTB1-062411	T	Water	9012A	240-6842
Analysis Batch:240-7109					
LCS 240-7109/6	Lab Control Sample	T	Water	300.0	
LCSD 240-7109/7	Lab Control Sample Duplicate	T	Water	300.0	
MB 240-7109/5	Method Blank	T	Water	300.0	
240-1463-1	GW-WTB4-062411	T	Water	300.0	
240-1463-2	GW-WTB3-062411	T	Water	300.0	
240-1463-3	GW-WTB1-062411	T	Water	300.0	

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	DCA %Rec	TOL %Rec
240-1463-1	GW-WTB4-062411	90	95	101	107
240-1463-2	GW-WTB3-062411	90	94	101	107
240-1463-3	GW-WTB1-062411	91	89	100	109
240-1463-4	TRIP BLANK-062411-006	92	92	102	112
MB 240-7198/5		90	90	101	110
LCS 240-7198/4		94	93	96	113

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	66-117
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Surrogate Recovery Report

8270C TCL Semivolatile Compounds (OLMO4.2)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
240-1463-1	GW-WTB4-062411	57	63	61	63	73	71
240-1463-2	GW-WTB3-062411	60	61	63	66	77	100
240-1463-3	GW-WTB1-062411	67	71	73	70	83	68
MB 240-6317/23-A		46	56	53	59	61	43
LCS 240-6317/24-A		60	71	64	70	70	61

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl (Surr)	28-110
2FP = 2-Fluorophenol (Surr)	10-110
NBZ = Nitrobenzene-d5 (Surr)	27-111
PHL = Phenol-d5 (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	37-119
TBP = 2,4,6-Tribromophenol (Surr)	22-120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-7198

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-7198/5	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7536.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 2256	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 2256				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.74	J	1.1	10
Benzene	ND		0.13	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone (MEK)	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Dibromochloromethane	ND		0.18	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Cyclohexane	ND		0.12	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
1,2-Dichlorobenzene	ND		0.13	1.0
1,3-Dichlorobenzene	ND		0.14	1.0
1,4-Dichlorobenzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.18	1.0
Ethylbenzene	ND		0.17	1.0
1,2-Dibromoethane	ND		0.24	1.0
2-Hexanone	ND		0.41	10
Isopropylbenzene	ND		0.13	1.0
Methyl acetate	ND		0.38	10
Methylcyclohexane	ND		0.13	1.0
Methylene Chloride	ND		0.33	1.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Methyl tert-butyl ether	ND		0.17	5.0
Styrene	ND		0.11	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-7198

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 240-7198/5	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7536.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/05/2011 2256	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/05/2011 2256				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.28	1.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.28	2.0
m-Xylene & p-Xylene	ND		0.24	2.0
o-Xylene	ND		0.14	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	90	66 - 117
Dibromofluoromethane (Surr)	90	75 - 121
1,2-Dichloroethane-d4 (Surr)	101	63 - 129
Toluene-d8 (Surr)	110	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Control Sample - Batch: 240-7198

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-7198/4	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7559.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0850	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0850				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	18.8	94	43 - 136	
Benzene	10.0	10.8	108	83 - 112	
Bromoform	10.0	6.35	64	40 - 131	
Bromomethane	10.0	5.43	54	11 - 185	
2-Butanone (MEK)	20.0	22.4	112	60 - 126	
Carbon disulfide	10.0	8.59	86	62 - 142	
Carbon tetrachloride	10.0	8.01	80	66 - 128	
Chlorobenzene	10.0	10.5	105	85 - 110	
Dibromochloromethane	10.0	8.45	85	64 - 119	
Chloroethane	10.0	8.10	81	25 - 153	
Chloroform	10.0	10.1	101	79 - 117	
Chloromethane	10.0	9.27	93	44 - 126	
cis-1,2-Dichloroethene	10.0	9.60	96	80 - 113	
cis-1,3-Dichloropropene	10.0	8.26	83	61 - 115	
Cyclohexane	10.0	10.1	101	54 - 121	
1,2-Dibromo-3-Chloropropane	10.0	8.18	82	42 - 136	
1,2-Dichlorobenzene	10.0	9.90	99	81 - 110	
1,3-Dichlorobenzene	10.0	10.1	101	80 - 110	
1,4-Dichlorobenzene	10.0	9.95	100	82 - 110	
Bromodichloromethane	10.0	8.79	88	72 - 121	
Dichlorodifluoromethane	10.0	8.52	85	19 - 129	
1,1-Dichloroethane	10.0	9.82	98	82 - 115	
1,2-Dichloroethane	10.0	10.1	101	71 - 127	
1,1-Dichloroethene	10.0	10.2	102	78 - 131	
1,2-Dichloropropane	10.0	11.1	111	81 - 115	
Ethylbenzene	10.0	10.8	108	83 - 112	
1,2-Dibromoethane	10.0	11.0	110	79 - 113	
2-Hexanone	20.0	21.4	107	55 - 133	
Isopropylbenzene	10.0	9.95	100	75 - 114	
Methyl acetate	10.0	10.9	109	58 - 131	
Methylcyclohexane	10.0	10.7	107	56 - 127	
Methylene Chloride	10.0	9.27	93	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	101	63 - 128	
Methyl tert-butyl ether	10.0	8.25	83	52 - 144	
Styrene	10.0	10.2	102	79 - 114	
1,1,2,2-Tetrachloroethane	10.0	11.8	118	68 - 118	
Tetrachloroethene	10.0	10.6	106	79 - 114	
Toluene	10.0	11.4	114	84 - 111	*
trans-1,2-Dichloroethene	10.0	9.64	96	83 - 117	
trans-1,3-Dichloropropene	10.0	8.52	85	58 - 117	
1,2,4-Trichlorobenzene	10.0	8.42	84	48 - 135	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Control Sample - Batch: 240-7198

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 240-7198/4	Analysis Batch:	240-7198	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM7559.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/06/2011 0850	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/06/2011 0850				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	7.78	78	74 - 118	
1,1,2-Trichloroethane	10.0	11.8	118	80 - 112	*
Trichloroethene	10.0	10.6	106	76 - 117	
Trichlorofluoromethane	10.0	9.18	92	49 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.2	102	74 - 151	
Vinyl chloride	10.0	9.22	92	53 - 127	
m-Xylene & p-Xylene	20.0	20.7	104	83 - 113	
o-Xylene	10.0	10.4	104	83 - 113	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	94	66 - 117
Dibromofluoromethane (Surr)	93	75 - 121
1,2-Dichloroethane-d4 (Surr)	96	63 - 129
Toluene-d8 (Surr)	113	74 - 115

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-6317/23-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	MB6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2115	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.10	0.20
Acenaphthylene	ND		0.10	0.20
Acetophenone	ND		0.34	1.0
Anthracene	ND		0.10	0.20
Atrazine	ND		0.34	1.0
Benzaldehyde	ND		0.39	1.0
Benzo[a]anthracene	ND		0.10	0.20
Benzo[a]pyrene	ND		0.10	0.20
Benzo[b]fluoranthene	ND		0.10	0.20
Benzo[g,h,i]perylene	ND		0.10	0.20
Benzo[k]fluoranthene	ND		0.10	0.20
1,1'-Biphenyl	ND		0.80	1.0
Bis(2-chloroethoxy)methane	ND		0.32	1.0
Bis(2-chloroethyl)ether	ND		0.10	1.0
Bis(2-ethylhexyl) phthalate	0.986	J	0.80	2.0
4-Bromophenyl phenyl ether	ND		0.80	2.0
Butyl benzyl phthalate	ND		0.80	1.0
Caprolactam	ND		0.80	5.0
Carbazole	ND		0.28	1.0
4-Chloroaniline	ND		0.80	2.0
4-Chloro-3-methylphenol	ND		0.80	2.0
2-Chloronaphthalene	ND		0.10	1.0
2-Chlorophenol	ND		0.29	1.0
4-Chlorophenyl phenyl ether	ND		0.30	2.0
Chrysene	ND		0.10	0.20
Dibenz(a,h)anthracene	ND		0.10	0.20
Dibenzofuran	ND		0.10	1.0
3,3'-Dichlorobenzidine	ND		0.37	5.0
2,4-Dichlorophenol	ND		0.80	2.0
Diethyl phthalate	ND		0.60	1.0
2,4-Dimethylphenol	ND		0.80	2.0
Dimethyl phthalate	ND		0.29	1.0
Di-n-butyl phthalate	ND		0.67	1.0
4,6-Dinitro-2-methylphenol	ND		2.4	5.0
2,4-Dinitrophenol	ND		2.4	5.0
2,4-Dinitrotoluene	ND		0.27	5.0
2,6-Dinitrotoluene	ND		0.80	5.0
Di-n-octyl phthalate	ND		0.80	1.0
Fluoranthene	ND		0.10	0.20
Fluorene	ND		0.10	0.20
Hexachlorobenzene	ND		0.10	0.20
Hexachlorobutadiene	ND		0.27	1.0
Hexachlorocyclopentadiene	ND		0.80	10
Hexachloroethane	ND		0.80	1.0
Indeno[1,2,3-cd]pyrene	ND		0.10	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	MB 240-6317/23-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	MB6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2115	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isophorone	ND		0.27	1.0
2-Methylnaphthalene	ND		0.10	0.20
2-Methylphenol	ND		0.80	1.0
Naphthalene	ND		0.10	0.20
2-Nitroaniline	ND		0.80	2.0
3-Nitroaniline	ND		0.28	2.0
4-Nitroaniline	ND		0.80	2.0
Nitrobenzene	ND		0.040	1.0
2-Nitrophenol	ND		0.28	2.0
4-Nitrophenol	ND		2.4	5.0
N-Nitrosodi-n-propylamine	ND		0.80	1.0
N-Nitrosodiphenylamine	ND		0.31	1.0
2,2'-oxybis[1-chloropropane]	ND		0.40	1.0
Pentachlorophenol	ND		2.4	5.0
Phenanthrene	ND		0.10	0.20
Phenol	0.740	J	0.60	1.0
Pyrene	ND		0.10	0.20
2,4,5-Trichlorophenol	ND		0.30	5.0
2,4,6-Trichlorophenol	ND		0.80	5.0
3 & 4 Methylphenol	ND		0.75	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	46	28 - 110
2-Fluorophenol (Surr)	56	10 - 110
Nitrobenzene-d5 (Surr)	53	27 - 111
Phenol-d5 (Surr)	59	10 - 110
Terphenyl-d14 (Surr)	61	37 - 119
2,4,6-Tribromophenol (Surr)	43	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Control Sample - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-6317/24-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	LCS6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2134	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	12.1	60	40 - 110	
Acenaphthylene	20.0	12.7	63	43 - 110	
Anthracene	20.0	12.6	63	54 - 114	
Benzo[a]anthracene	20.0	11.9	60	55 - 115	
Benzo[a]pyrene	20.0	10.4	52	43 - 116	
Benzo[b]fluoranthene	20.0	11.5	58	43 - 122	
Benzo[g,h,i]perylene	20.0	13.2	66	45 - 120	
Benzo[k]fluoranthene	20.0	13.2	66	43 - 124	
1,1'-Biphenyl	20.0	12.0	60	50 - 130	
Bis(2-chloroethoxy)methane	20.0	13.7	69	39 - 110	
Bis(2-chloroethyl)ether	20.0	15.3	76	34 - 113	
Bis(2-ethylhexyl) phthalate	20.0	14.2	71	36 - 163	
4-Bromophenyl phenyl ether	20.0	12.6	63	51 - 114	
Butyl benzyl phthalate	20.0	13.7	68	53 - 126	
Caprolactam	20.0	12.9	65	50 - 130	
Carbazole	20.0	12.6	63	53 - 120	
4-Chloroaniline	20.0	10.7	53	10 - 110	
4-Chloro-3-methylphenol	20.0	12.7	64	39 - 110	
2-Chloronaphthalene	20.0	12.3	62	39 - 110	
2-Chlorophenol	20.0	13.7	69	27 - 110	
4-Chlorophenyl phenyl ether	20.0	12.7	64	50 - 115	
Chrysene	20.0	12.8	64	55 - 115	
Dibenz(a,h)anthracene	20.0	12.6	63	46 - 122	
Dibenzofuran	20.0	12.9	65	46 - 111	
3,3'-Dichlorobenzidine	20.0	7.02	35	19 - 110	
2,4-Dichlorophenol	20.0	12.6	63	33 - 110	
Diethyl phthalate	20.0	13.8	69	33 - 134	
2,4-Dimethylphenol	20.0	9.52	48	12 - 110	
Dimethyl phthalate	20.0	13.7	68	15 - 143	
Di-n-butyl phthalate	20.0	13.9	69	55 - 122	
4,6-Dinitro-2-methylphenol	20.0	10.1	50	28 - 112	
2,4-Dinitrophenol	20.0	7.06	35	17 - 112	
2,4-Dinitrotoluene	20.0	14.2	71	52 - 123	
Di-n-octyl phthalate	20.0	12.7	64	44 - 128	
Fluoranthene	20.0	13.1	65	54 - 122	
Fluorene	20.0	12.7	64	47 - 112	
Hexachlorobenzene	20.0	12.7	63	51 - 112	
Hexachlorobutadiene	20.0	10.9	54	13 - 110	
Hexachlorocyclopentadiene	20.0	4.64	23	10 - 110	J
Hexachloroethane	20.0	11.9	59	12 - 110	
Indeno[1,2,3-cd]pyrene	20.0	12.5	63	46 - 121	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Control Sample - Batch: 240-6317

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 240-6317/24-A	Analysis Batch:	240-9107	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-6317	Lab File ID:	LCS6317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/19/2011 2134	Units:	ug/L	Final Weight/Volume:	2.00 mL
Prep Date:	06/28/2011 0800			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isophorone	20.0	13.4	67	44 - 128	
2-Methylnaphthalene	20.0	13.9	70	35 - 110	
2-Methylphenol	20.0	14.0	70	30 - 110	
Naphthalene	20.0	12.1	61	31 - 110	
2-Nitroaniline	20.0	13.5	67	43 - 130	
3-Nitroaniline	20.0	12.3	61	45 - 116	
4-Nitroaniline	20.0	12.4	62	45 - 120	
2-Nitrophenol	20.0	13.1	66	29 - 110	
4-Nitrophenol	20.0	9.04	45	12 - 130	
N-Nitrosodi-n-propylamine	20.0	14.6	73	37 - 121	
N-Nitrosodiphenylamine	20.0	12.2	61	53 - 113	
2,2'-oxybis[1-chloropropane]	20.0	16.2	81	25 - 128	
Pentachlorophenol	20.0	8.94	45	26 - 110	
Phenanthrene	20.0	12.5	63	52 - 114	
Phenol	20.0	14.3	71	14 - 112	
Pyrene	20.0	12.5	63	55 - 120	
2,4,5-Trichlorophenol	20.0	12.8	64	39 - 110	
2,4,6-Trichlorophenol	20.0	11.9	60	35 - 110	
3 & 4 Methylphenol	40.0	27.8	70	32 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	60	28 - 110
2-Fluorophenol (Surr)	71	10 - 110
Nitrobenzene-d5 (Surr)	64	27 - 111
Phenol-d5 (Surr)	70	10 - 110
Terphenyl-d14 (Surr)	70	37 - 119
2,4,6-Tribromophenol (Surr)	61	22 - 120

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-9068

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-9068/1-A	Analysis Batch:	240-9543	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1552	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Barium	ND		0.67	200
Beryllium	1.14		0.46	1.0
Calcium	ND		130	5000
Cadmium	ND		0.66	1.0
Cobalt	ND		1.7	50
Chromium	ND		2.2	10
Copper	5.12	J	4.5	25
Iron	ND		81	100
Potassium	170	J	72	5000
Magnesium	ND		34	5000
Manganese	ND		0.41	15
Silver	ND		2.2	10
Sodium	ND		590	5000
Nickel	ND		3.2	40
Vanadium	ND		0.64	50
Zinc	13.5	J	5.0	20
Lead	ND		1.9	3.0
Selenium	ND		4.1	5.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Lab Control Sample - Batch: 240-9068

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-9068/2-A	Analysis Batch:	240-9543	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1558	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Barium	2000	2060	103	80 - 120	
Beryllium	50.0	52.1	104	80 - 120	
Calcium	50000	51700	103	80 - 120	
Cadmium	50.0	50.5	101	80 - 120	
Cobalt	500	518	104	80 - 120	
Chromium	200	210	105	80 - 120	
Copper	250	270	108	80 - 120	
Iron	1000	1030	103	80 - 120	
Potassium	50000	51000	102	80 - 120	
Magnesium	50000	52800	106	80 - 120	
Manganese	500	527	105	80 - 120	
Silver	50.0	52.3	105	80 - 120	
Sodium	50000	51500	103	80 - 120	
Nickel	500	496	99	80 - 120	
Vanadium	500	523	105	80 - 120	
Zinc	500	561	112	80 - 120	
Lead	500	492	98	80 - 120	
Selenium	2000	2020	101	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-9068

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	240-1463-1	Analysis Batch:	240-9543	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1617			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				
Leach Date:	N/A				

MSD Lab Sample ID:	240-1463-1	Analysis Batch:	240-9543	Instrument ID:	I6
Client Matrix:	Water	Prep Batch:	240-9068	Lab File ID:	I60722B
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/22/2011 1623			Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Barium	106	106	75 - 125	0	20		
Beryllium	103	103	75 - 125	1	20		
Calcium	100	103	75 - 125	1	20		
Cadmium	100	101	75 - 125	2	20		
Cobalt	104	105	75 - 125	1	20		
Chromium	104	105	75 - 125	1	20		
Copper	110	110	75 - 125	1	20		
Iron	106	108	75 - 125	1	20		
Potassium	105	104	75 - 125	1	20		
Magnesium	105	105	75 - 125	0	20		
Manganese	107	108	75 - 125	1	20		
Silver	105	106	75 - 125	1	20		
Sodium	104	104	75 - 125	1	20		
Nickel	100	101	75 - 125	1	20		
Vanadium	105	106	75 - 125	0	20		
Zinc	111	112	75 - 125	1	20		
Lead	100	100	75 - 125	0	20		
Selenium	102	102	75 - 125	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-9068

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-9068/1-A	Analysis Batch:	240-10191	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-9068	Lab File ID:	I80728A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/28/2011 1319	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	ND		19	50
Arsenic	ND		0.40	1.0
Antimony	ND		0.13	2.0
Thallium	ND		0.14	1.0

Lab Control Sample - Batch: 240-9068

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-9068/3-A	Analysis Batch:	240-10191	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-9068	Lab File ID:	I80728A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/28/2011 1324	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	07/20/2011 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	10000	100	80 - 120	
Arsenic	1000	1020	102	80 - 120	
Antimony	100	101	101	80 - 120	
Thallium	1000	1070	107	80 - 120	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-8230

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 240-8230/1-A	Analysis Batch:	240-8457	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-8230	Lab File ID:	HG10713A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1632	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/13/2011 1300				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.12	0.20

Lab Control Sample - Batch: 240-8230

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 240-8230/2-A	Analysis Batch:	240-8457	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-8230	Lab File ID:	HG10713A.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	07/13/2011 1634	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	07/13/2011 1300				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.70	94	81 - 123	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-7109

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 240-7109/5	Analysis Batch:	240-7109	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	6240-0001608-005.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 1228	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.10	1.0
Bromide	ND		0.081	0.50
Sulfate	ND		0.12	1.0

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 240-7109

Method: 300.0
Preparation: N/A

LCS Lab Sample ID:	LCS 240-7109/6	Analysis Batch:	240-7109	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	7240-0001608-006.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 1246	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				
LCSD Lab Sample ID:	LCSD 240-7109/7	Analysis Batch:	240-7109	Instrument ID:	GARFUNKEL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	8240-0001608-007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/02/2011 1303	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				25 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	102	90 - 110	0	20		
Bromide	93	93	90 - 110	0	20		
Sulfate	97	96	90 - 110	0	20		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Blank - Batch: 240-6842

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 240-6842/1-A	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6842	Lab File ID:	cn070111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/01/2011 1248	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	07/01/2011 0823				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0050	0.010

Lab Control Sample - Batch: 240-6842

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LCS 240-6842/2-A	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	240-6842	Lab File ID:	cn070111.xls
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	07/01/2011 1304	Units:	mg/L	Final Weight/Volume:	25 mL
Prep Date:	07/01/2011 0823				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.898	0.977	109	69 - 118	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 240-1463-1

Method Reporting Limit Check - Batch: 240-6936

Method: 9012A
Preparation: N/A

Lab Sample ID:	MRL 240-6936/6	Analysis Batch:	240-6936	Instrument ID:	SAURON
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	cn070111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	07/01/2011 1220	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.00500	0.00522	104	70 - 130	J

CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
(317) 291-7007 phone
(317) 328-2666 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): TA. North Canton, OH

REFERENCE NUMBER: 39611-40

PROJECT NAME: Hanco

SAMPLER'S SIGNATURE: _____ **PRINTED NAME:** Tim Prange

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	PARAMETERS: VOCs	SVOCs	Metals	Cyanide	Bromide	Chloride	Sulfate	REMARKS
1	6/24/11	752	GW-WTB4-062411	Water	8	X	X	X	X	X	X	X	
2		844	GW-WTB3-062411		8	X	X	X	X	X	X	X	
3		946	GW-WTB1-062411		8	X	X	X	X	X	X	X	
4	6/24/11	855	TRIPBLANK-062411-006	Water	1	X							
													END OF JOB
			TOTAL NUMBER OF CONTAINERS		25								

RELINQUISHED BY: (1) _____	DATE: 6/24/11 TIME: 1130	RECEIVED BY: (2) _____	DATE: TIME:
RELINQUISHED BY: (2) _____	DATE: TIME:	RECEIVED BY: (3) _____	DATE: TIME:
RELINQUISHED BY: (3) _____	DATE: TIME:	RECEIVED BY: (4) _____	DATE: TIME:

METHOD OF SHIPMENT: FedEx **TRACKING No.** 8724 1431 7907

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Tim Prange, Nick Hall

RECEIVED FOR LABORATORY BY: Jill Clarke HK
DATE: 6-25-11 TIME: 0930

2401

400001-00(SOURCE)GN-CO007

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client Conestoga Rovers Project HIMCO By Jill Clark
Cooler Received on 10.25.11 Opened on 10.25.11 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # _____ Multiple Coolers ☐ Foam Box ☐ Client Cooler ☒ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 1 Quantity Unsalvageable 0
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt 3.4 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 100110-HNO_3; Sulfuric Acid Lot# 110410-H_2SO_4; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-$(CH_3COO)_2ZN$/NaOH.* What time was preserved added to sample(s)? _____

Client ID	pH	Date	Initials
GW-WTB4	<2, >12	10.25.11	
3	<2, >12		
1	<2, >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-1463-1

Login Number: 1463

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

GROUNDWATER SAMPLING STABILIZATION PARAMETERS

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT101A*	*WT101A*	*WT101A*	*WT101B*	*WT101B*	*WT101B*	*WT101C*
Sample ID:		*GW-WT101A-121410*	*GW-WT101A-030911*	*GW-WT101A-062311*	*GW-WT101B-121410*	*GW-WT101B-030911*	*GW-WT101B-062311*	*GW-WT101C-121410*
Sample Date:		*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*
	Units							
Field Parameters								
Conductivity	µS/cm	1.48	1.789	1.4	0.915	0.848	0.842	0.442
Dissolved oxygen (DO), field	mg/L	0.22	1.28	0.26	0.40	0.41	0.77	0.57
Oxidation reduction potential (ORP), field	millivolts	-229	-45.9	-113	-346	-371	-349	-195
pH, field	s.u.	7.2	6.61	6.76	7.53	7.3	7.32	8.05
Temperature, sample	Deg C	0.511	9.36	13.79	10.46	10.13	15.81	11.43
Turbidity	NTU	1.25	3.3	6.52	8.89	5.89	13.3	4.88

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT101C*	*WT101C*	*WT101D*	*WT101D*	*WT101D*	*WT101E*	*WT101E*
Sample ID:		*GW-WT101C-030911*	*GW-WT101C-062311*	*GW-WT101D-121410*	*GW-WT101D-030911*	*GW-WT101D-062311*	*GW-WT101E-121410*	*GW-WT101E-030911*
Sample Date:		*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*	*6/23/2011*	*12/14/2010*	*3/9/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.445	0.47	0.657	0.674	0.631	0.654	0.642
Dissolved oxygen (DO), field	mg/L	0.76	0.67	0.22	0.66	0.6	0.33	0.56
Oxidation reduction potential (ORP), field	millivolts	-117.9	-141	-276	-185.3	-336	-273	-294
pH, field	s.u.	7.61	7.32	7.78	7.37	7.08	7.64	7.31
Temperature, sample	Deg C	11.38	16.04	11.31	11.43	13.64	9.91	11.07
Turbidity	NTU	4.36	1.92	-	-	2.72	1.37	1.24

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT101E*	*WT102A*	*WT102B*	*WT102C*	*WT103A*	*WT103A*	*WT103A*
Sample ID:		*GW-WT101E-062311*	*GW-WT102A-031611*	*GW-WT102B-031611*	*GW-WT102C-031611*	*GW-WT103A-120910*	*GW-WT103A-031511*	*GW-WT103A-062311*
Sample Date:		*6/23/2011*	*3/16/2011*	*3/16/2011*	*3/16/2011*	*12/9/2010*	*3/15/2011*	*6/23/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.623	0.916	0.617	0.636	0.827	0.843	0.766
Dissolved oxygen (DO), field	mg/L	0.94	0.84	0.72	0.54	0.43	0.48	0.52
Oxidation reduction potential (ORP), field	millivolts	-329	-27	-295	-299	-130	-115	-116
pH, field	s.u.	7.23	7.03	7.33	7.77	7.66	7.24	7.23
Temperature, sample	Deg C	15.23	9.87	11.67	11.7	13.93	5.17	16.91
Turbidity	NTU	1.02	4.92	4.79	26	13.1	1.72	4.61

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT104A*	*WT104A*	*WT104A*	*WT105A*	*WT106A*	*WT106A*	*WT106A*
Sample ID:		*GW-WT104A-120710*	*GW-WT104A-030811*	*GW-WT104A-061611*	*GW-WT105A-120710*	*GW-WT106A-120810*	*GW-WT106A-031511*	*GW-WT106A-61611*
Sample Date:		*12/7/2010*	*3/8/2011*	*6/16/2011*	*12/7/2010*	*12/8/2010*	*3/15/2011*	*6/16/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.301	0.242	0.191	0.47	0.832	0.833	0.711
Dissolved oxygen (DO), field	mg/L	3.04	3.30	8.23	0.44	0.42	0.63	0.14
Oxidation reduction potential (ORP), field	millivolts	20	87.6	114	-68	-57	-68	-71
pH, field	s.u.	8.28	7.4	7.22	7.6	7.22	7.05	7.23
Temperature, sample	Deg C	13.24	8.48	14.24	11.76	11.76	8.85	12.13
Turbidity	NTU	0.69	2.58	3.99	2.03	0.85	9.97	2.95

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT106B*	*WT106B*	*WT106B*	*WT106C*	*WT111A*	*WT111A*	*WT111A*
Sample ID:		*GW-WT106B-120810*	*GW-WT106B-031511*	*GW-WT106B-061611*	*GW-WT106C-061611*	*GW-WT11A-120910*	*GW-WT111A-031611*	*GW-WT111A-062111*
Sample Date:		*12/8/2010*	*3/15/2011*	*6/16/2011*	*6/16/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	1.29	1.25	1.22	0.438	1.62	1.16	0.771
Dissolved oxygen (DO), field	mg/L	0.64	0.80	0.74	0.62	0.27	0.53	0.33
Oxidation reduction potential (ORP), field	millivolts	-145	-260	-242	-262	-65	-157	-65
pH, field	s.u.	7.34	6.94	7.1	7.94	6.77	6.38	6.52
Temperature, sample	Deg C	9.84	10.46	12.99	17.43	12.63	12.23	12.75
Turbidity	NTU	3.66	4.12	2.93	2.03	1.63	4.33	4.81

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT112B*	*WT113A*	*WT113B*	*WT114A*	*WT114A*	*WT114A*	*WT114B*
Sample ID:		*GW-WT112B-031611*	*GW-WT113A-031611*	*GW-WT113B-031611*	*GW-WT114A-120810*	*GW-WT114A-030811*	*GW-WT114A-061611*	*GW-WT114B-120810*
Sample Date:		*3/16/2011*	*3/16/2011*	*3/16/2011*	*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/8/2010*
	Units							
Field Parameters								
Conductivity	µS/cm	0.682	0.555	0.572	1.55	1.53	1.64	0.619
Dissolved oxygen (DO), field	mg/L	0.57	0.81	0.43	0.69	1.17	0.62	0.71
Oxidation reduction potential (ORP), field	millivolts	-277	-4	-170	-224	20.6	-39	-263
pH, field	s.u.	7.32	7.29	7.22	7.53	7.15	6.99	7.78
Temperature, sample	Deg C	9.16	9.48	10.27	12.66	12.17	12.68	11.79
Turbidity	NTU	-	4.81	0.73	4.23	3.77	4.13	2.16

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT114B*	*WT114B*	*WT114C*	*WT114C*	*WT114C*	*WT115A*	*WT115A*
Sample ID:		*GW-WT114B-030811*	*GW-WT114B-061711*	*GW-WT114C-120810*	*GW-WT114C-030811*	*GW-WT114C-061711*	*GW-WT115A-121310*	*GW-WT115A-031111*
Sample Date:		*3/8/2011*	*6/17/2011*	*12/8/2010*	*3/8/2011*	*6/17/2011*	*12/13/2010*	*3/11/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.617	0.601	0.67	0.609	0.6	1.77	0.433
Dissolved oxygen (DO), field	mg/L	0.42	0.72	0.80	0.96	0.55	0.22	1.58
Oxidation reduction potential (ORP), field	millivolts	-188	-226	-293	-288	-256	-247	-158.8
pH, field	s.u.	7.49	7.51	7.52	7.38	7.35	7.22	7.03
Temperature, sample	Deg C	12.45	13.33	11.2	12.35	14.06	12.17	10.15
Turbidity	NTU	1.41	1.09	0.59	3.88	0.83	1.86	42.2

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT115A*	*WT115B*	*WT115B*	*WT115C*	*WT115C*	*WT116A*	*WT116A*
Sample ID:		*GW-WT115A-062211*	*GW-WT115B-031111*	*WG-WT115B-062211*	*GW-WT115C-031111*	*GW-WT115C-062211*	*GW-WT116A-121010*	*GW-WT116A-031411*
Sample Date:		*6/22/2011*	*3/11/2011*	*6/22/2011*	*3/11/2011*	*6/22/2011*	*12/10/2010*	*3/14/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.142	2.13	2.66	0.985	0.923	3.94	3
Dissolved oxygen (DO), field	mg/L	0.66	0.59	0.6	0.68	0.44	0.99	0.51
Oxidation reduction potential (ORP), field	millivolts	-96	-264	-374	-241	-274	94	-17
pH, field	s.u.	6.71	6.83	6.8	6.99	7.1	7.03	6.72
Temperature, sample	Deg C	15.45	10.6	14.25	11.78	15.37	11.76	4.75
Turbidity	NTU	111	4.72	0.61	4.81	4.18	1.99	2.31

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT116A*	*WT116B*	*WT116B*	*WT116B*	*WT117A*	*WT117A*	*WT117A*
Sample ID:		*GW-WT116A-062211*	*GW-WT116B-121010*	*GW-WT116B-031411*	*GW-WT116B-062211*	*GW-WT117A-120710*	*GW-WT117A-030811*	*GW-WT117A-061411*
Sample Date:		*6/22/2011*	*12/10/2010*	*3/14/2011*	*6/22/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	2.33	1.06	0.894	0.857	0.634	0.95	0.066
Dissolved oxygen (DO), field	mg/L	0.84	0.44	0.83	0.74	0.55	0.61	6.93
Oxidation reduction potential (ORP), field	millivolts	-95	-237	-229	-338	-49	-59	218
pH, field	s.u.	6.78	7.22	6.88	7.09	6.8	6.75	5.71
Temperature, sample	Deg C	20.51	11.71	11.85	15.1	12.17	8.87	11.57
Turbidity	NTU	5.04	0.24	1.89	4.45	4.26	3.61	15.7

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT117B*	*WT117B*	*WT117B*	*WT117C*	*WT117C*	*WT117C*	*WT117D*
Sample ID:		*GW-WT117B-120710*	*GW-WT117B-030811*	*GW-WT117B-061411*	*GW-WT117C-120710*	*GW-WT117C-030811*	*GW-WT117C-061411*	*GW-WT117D-120710*
Sample Date:		*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*	*3/8/2011*	*6/14/2011*	*12/7/2010*
	Units							
Field Parameters								
Conductivity	µS/cm	0.868	0.85	1.04	1.46	1.48	1.56	0.867
Dissolved oxygen (DO), field	mg/L	0.61	0.83	0.62	0.70	0.43	0.66	0.90
Oxidation reduction potential (ORP), field	millivolts	-202	-114.1	-238	-137	-72	-229	-234
pH, field	s.u.	7.05	6.95	7.18	7.04	6.67	6.69	7.54
Temperature, sample	Deg C	10.47	10.5	12.21	10.81	10.16	12.2	10.37
Turbidity	NTU	0.99	1.06	0.33	0.41	3.18	0.74	3.26

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT117D*	*WT117D*	*WT118B*	*WT118B*	*WT118B*	*WT119B*	*WT119B*
Sample ID:		*GW-WT117D-030811*	*GW-WT117D-061411*	*GW-WT118B-120910*	*GW-WT118B-031611*	*GW-WT118B-062111*	*GW-WT119B-121010*	*GW-WT119B-031411*
Sample Date:		*3/8/2011*	*6/14/2011*	*12/9/2010*	*3/16/2011*	*6/21/2011*	*12/10/2010*	*3/14/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.873	0.815	1.03	1.02	1.04	1.16	1.52
Dissolved oxygen (DO), field	mg/L	0.53	0.52	0.57	0.31	0.44	0.42	0.38
Oxidation reduction potential (ORP), field	millivolts	-185.5	-271	-146	-283	-287	-232	-157
pH, field	s.u.	7.2	7.28	7.07	6.91	7.11	7.03	6.64
Temperature, sample	Deg C	10.84	12.46	10.81	12.15	14.22	12.2	10.43
Turbidity	NTU	3.74	1.66	0.4	1.08	6.05	4.77	4.73

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT119B*	*WT120A*	*WT120A*	*WT120A*	*WT120B*	*WT120B*	*WT120B*
Sample ID:		*GW-WT119B-062211*	*GW-WT120A-120810*	*GW-WT120A-030811*	*GW-WT120A-061511*	*GW-WT120B-120810*	*GW-WT120B-031011*	*GW-WT120B-061511*
Sample Date:		*6/22/2011*	*12/8/2010*	*3/8/2011*	*6/15/2011*	*12/8/2010*	*3/10/2011*	*6/15/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	1.4	0.68	0.641	0.684	0.583	0.567	0.554
Dissolved oxygen (DO), field	mg/L	0.65	0.74	0.90	0.6	0.47	0.73	0.38
Oxidation reduction potential (ORP), field	millivolts	-255	-187	-194	-226	-274	-201	-291
pH, field	s.u.	6.8	7.75	7.43	7.39	7.78	7.45	6.5
Temperature, sample	Deg C	11.9	11.38	11.64	12.87	10.86	11.26	13.05
Turbidity	NTU	1.75	0.36	4.71	0.74	0.38	0.71	0.43

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT120C*	*WT120C*	*WT121A*	*WT121A*	*WT121B*	*WT121B*	*WT122A*
Sample ID:		*GW-WT120C-031011*	*GW-WT120C-061511*	*GW-WT121A-031511*	*GW-WT121A-061411*	*GW-WT121B-031511*	*GW-WT121B-061411*	*GW-WT122A-031011*
Sample Date:		*3/10/2011*	*6/15/2011*	*3/15/2011*	*6/14/2011*	*3/15/2011*	*6/14/2011*	*3/10/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.515	0.552	0.796	0.885	1.14	1.12	1.304
Dissolved oxygen (DO), field	mg/L	1.18	0.68	0.59	0.63	0.82	0.82	0.86
Oxidation reduction potential (ORP), field	millivolts	85.4	-47	-142	-190	-118	-205	-23.2
pH, field	s.u.	7.39	7.55	7.24	7.63	7.03	7.28	6.85
Temperature, sample	Deg C	9.89	12.3	10.64	14.2	10.45	14.07	11.49
Turbidity	NTU	0.62	0.67	4.92	1.43	0.93	0.44	3.27

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WT122A*	*WT122B*	*WT122B*	*WT122C*	*WT122C*	*WTB1*	*WTB1*
Sample ID:		*GW-WT122A-061611*	*GW-WT122B-031011*	*GW-WT122B-061611*	*GW-WT122C-031011*	*GW-WT122C-061611*	*GW-WTB1-120910*	*GW-WTB1-031711*
Sample Date:		*6/16/2011*	*3/10/2011*	*6/16/2011*	*3/10/2011*	*6/16/2011*	*12/9/2010*	*3/17/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	1.15	0.911	0.864	0.771	0.677	0.665	0.645
Dissolved oxygen (DO), field	mg/L	0.46	0.79	0.49	0.81	0.62	0.99	0.38
Oxidation reduction potential (ORP), field	millivolts	-142	-147	-149	-40.4	-219	-232	-126
pH, field	s.u.	6.91	7.01	7.09	7.23	7.35	8.09	7.43
Temperature, sample	Deg C	14.43	8.81	13.36	11.42	13.08	9.66	10.17
Turbidity	NTU	3.06	1.19	0.85	-	0.71	0.2	0.26

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

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GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WTB1*	*WTB3*	*WTB3*	*WTB3*	*WTB4*	*WTB4*	*WTB4*
Sample ID:		*GW-WTB1-062411*	*GW-WTB3-120910*	*GW-WTB3-031511*	*GW-WTB3-062411*	*GW-WTB4-120910*	*GW-WTB4-031511*	*GW-WTB4-062411*
Sample Date:		*6/24/2011*	*12/9/2010*	*3/15/2011*	*6/24/2011*	*12/9/2010*	*3/15/2011*	*6/24/2011*
	Units							
Field Parameters								
Conductivity	µS/cm	0.597	0.611	0.594	0.577	0.504	0.47	0.46
Dissolved oxygen (DO), field	mg/L	7.03	0.23	0.60	0.81	0.17	0.41	0.64
Oxidation reduction potential (ORP), field	millivolts	32	-259	-211	-296	-277	-307	-281
pH, field	s.u.	8.05	7.69	7.38	7.45	7.69	7.31	7.25
Temperature, sample	Deg C	11.48	8.71	9.8	12.53	9.17	8.78	12.02
Turbidity	NTU	0.21	1.8	0.24	0.98	0.71	0.8	0.69

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WTE1*	*WTE1*	*WTE1*	*WTE3*	*WTE3*	*WTE3*	*WTO2*
Sample ID:		*GW-WTE1-121410*	*GW-WTE1-031411*	*GW-WTE1-062111*	*GW-WTE3-121410*	*GW-WTE3-031411*	*GW-WTE3-062111*	*GW-WTO2-121310*
Sample Date:		*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/14/2010*	*3/14/2011*	*6/21/2011*	*12/13/2010*
	Units							
Field Parameters								
Conductivity	µS/cm	0.749	0.686	0.697	0.544	0.483	0.722	0.573
Dissolved oxygen (DO), field	mg/L	0.57	0.62	0.53	0.85	0.57	0.71	0.42
Oxidation reduction potential (ORP), field	millivolts	-308	-281	-303	-264	-330	-296	-233
pH, field	s.u.	7.61	7.3	7.41	7.43	7.13	7.37	7.77
Temperature, sample	Deg C	9.28	12.27	15.4	7.74	10.28	15.63	12.05
Turbidity	NTU	1.04	0.7	4.07	4.38	1.96	3.73	0.29

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units

TABLE D.1

GROUNDWATER SAMPLING STABILIZATION PARAMATERS
GROUNDWATER SAMPLING RESULTS - DECEMER 2010 - JUNE 2011
HIMCO SITE
ELKHART, INDIANA

Sample Location:		*WTO2*	*WTO2*	*WTO3*	*WTO3*	*WTO3*	*WTO4*	*WTO4*	*WTO4*
Sample ID:		*GW-WTO2-030911*	*GW-WTO2-062111*	*GW-WTO3-121310*	*GW-WTO3-030911*	*GW-WTO3-062111*	*GW-WTO4-121310*	*GW-WTO4-030911*	*GW-WTO4-062111*
Sample Date:		*3/9/2011*	*6/21/2011*	*12/13/2010*	*3/9/2011*	*6/21/2011*	*12/13/2010*	*3/9/2011*	*6/21/2011*
	Units								
Field Parameters									
Conductivity	µS/cm	0.641	0.647	0.39	0.378	0.347	0.399	0.302	0.375
Dissolved oxygen (DO), field	mg/L	0.69	0.48	0.31	0.40	0.33	0.63	0.68	0.51
Oxidation reduction potential (ORP), field	millivolts	-100.1	-179	-241	-246	-228	-240	-142.6	-244
pH, field	s.u.	7.35	7.2	8.05	7.61	7.52	7.88	7.51	7.4
Temperature, sample	Deg C	15.63	16.28	10.82	12.2	15.47	11.05	12.54	15.2
Turbidity	NTU	2.18	2.05	10.6	4.23	4.29	4.6	8.11	18.2

Notes:

mS/cm	milliSiemens per cm
mg/L	milligrams per litre
s.u.	standard units
NTU	Nephelometric Turbidity Units