



**BIANNUAL REPORT
ENHANCED GROUNDWATER
REMEDATION PROGRESS
PERIOD COVERING
OCTOBER 1, 2004 TO
MARCH 31, 2005
LINDSAY MANUFACTURING
COMPANY**

For

**U.S. Environmental Protection
Agency
URS Job No.: 33750799
April 14, 2005**

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SUPERFUND RECORDS

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LETTER OF TRANSMITTAL

Date: April 14, 2005
TO: United States Environmental Protection Agency
Superfund Division
726 Minnesota Avenue
Kansas City, Kansas 66101

Our Project No. 33750799

Attention: Ms. Diane Easley

Subject: *Biannual Report - Enhanced Groundwater Remediation Progress, Period Covering October 1, 2004 to March 31, 2005, for Lindsay Manufacturing Company*

We are sending you via Federal Express the following:

- 3 copies of the document *Biannual Report - Enhanced Groundwater Remediation Progress, Period Covering October 1, 2004 to March 31, 2005, for Lindsay Manufacturing Company*

If you have any questions regarding this shipment, please feel free to contact me at 206-438-2234.

URS CORPORATION

Karen Mixon *KM*
Project Manager

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April 14, 2005

Ms. Diane Easley
EPA Project Coordinator
United States Environmental Protection Agency
Superfund Division
726 Minnesota Avenue
Kansas City, KS 66101

Enhanced Groundwater Remediation
Progress Report
U.S. vs. Lindsay Manufacturing Company
C.A. 8:92-00015
URS Job No.: 33750799

Dear Ms. Easley:

Lindsay Manufacturing Company (LMC) is pleased to submit this Enhanced Groundwater Remediation Progress Report summarizing the Consent Decree items completed or undertaken during the period from October 1, 2004 to March 31, 2005. This report presents an assessment of the supplemental remedial pumping system started in April 2004 and a summary of analytical results from the sixty-fourth (November 2004) and sixty-fifth (February 2005) quarterly rounds of groundwater sampling.

If you have any questions regarding this Enhanced Groundwater Remediation Progress Report, please do not hesitate to contact LMC or URS at your convenience.

Sincerely,

URS CORPORATION

Karen L. Mixon
Project Manager



Mark Molinari
Senior Project Geologist, P.G. G-0274

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1.0 INTRODUCTION

This Enhanced Groundwater Remediation Progress Report summarizes tasks completed or undertaken during the period from October 1, 2004 to March 31, 2005 as required by the Consent Decree (1992, Civil Action 8:92-00015) for the Lindsay Manufacturing facility (facility) owned and operated by Lindsay Manufacturing Company (LMC). A summary of analytical results from the sixty-fourth (November 2004) and sixty-fifth (February 2005) quarterly rounds of groundwater sampling is presented in this report as well as a cumulative assessment of the supplemental remedial pumping system started in April 2004 and shutdown for the winter in November 2004.

As required by Section 121(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended, 42 U.S.C. Section 9621(c), the United States Environmental Protection Agency (EPA) completed the second Five-Year Review (EPA 2003) in July 2003 of the remediation work associated with the facility located in Lindsay, Nebraska (Figure 1). The Five-Year Review concluded that the selected remedy documented in the Record of Decision (ROD) (EPA 1990) remains protective, but additional work is required to ensure that public health and the environment continue to be protected. Action items designated in the Five-Year Review included installation of an extraction well (G127000) between the facility and the Preister household (10 and 17 shown on Figure 2) and installation of wells south of the Preister property to delineate the southern extent of the chlorinated volatile organic compounds (VOCs) in groundwater.

Well G127000 was installed in February 2004 and pumping began in May 2004. Three additional monitoring wells (MW04-01, MW04-02, and MW04-03 on Figure 2) were installed in November 2004 to delineate the eastern edge and southern extent of VOCs in groundwater as described in Section 3 of this report. Additional to the pumping of downgradient extraction well G127000, LMC reestablished the pumping of the Add-On interceptor well (AOIW) and continued pumping of well MW89-12 to enhance the removal of VOCs from groundwater beneath the facility (Figure 3).

As part of the biannual reporting, the effectiveness of the remedial pumping based on capture zone analysis and groundwater quality is summarized in this report with recommendations for future operation and monitoring.

2.0 SUPPLEMENTAL REMEDIAL ACTIONS

2.1 REMEDIAL PUMPING SYSTEM

The current focus of remediation is removal of VOCs in the area downgradient of the facility via seasonal extraction at well G127000 and beneath the facility via wells AOIW and MW89-12. The groundwater extracted from each of these wells is discharged through center pivot irrigation systems per EPA and Nebraska Department of Environmental Quality (NDEQ) approvals. LMC

has entered into long-term agreements with several property owners for the land application and beneficial use of the extracted groundwater for irrigation purposes. Because groundwater cleanup at the facility and on adjacent properties is being conducted under CERCLA, the land application of groundwater for irrigation purposes is regulated primarily by EPA under the CERCLA program with consultation by NDEQ. It is LMC's understanding that the discharge from these wells is exempt from permitting pursuant to CERCLA section 121(e) and the 1992 Consent Decree.

The remedial pumping system was operated from April 2004 through part of November 2004, when all wells were shutdown for the winter. The volume of groundwater pumped, total days pumped, and average pumping rate for each well in the system are summarized in Table 1. Well locations are shown on Figure 3.

Well G127000 was installed in February 2004 and groundwater from the well is used to irrigate fields owned/farmed by John Preister. The purpose of extracting groundwater at well G127000 is to capture VOC-contaminated groundwater that has migrated past the facility boundary and minimize continued migration towards the Preister household and further downgradient. Well AOIW, idle since 1998, was restarted as part of the on-facility extraction system. This well provides the best opportunity to minimize migration of VOCs past the facility boundary as it is located at the boundary and its configuration allows creation of the largest capture zone. Well MW89-12 has been operated at the facility since 1989. The operation of well MW89-12 allows for extraction of VOC-contaminated groundwater closer to the source where the concentration is highest. The well is located approximately 400 feet from the facility boundary and assists in developing a "clean zone" between the source area and well AOIW on the facility. Using well MW89-12 maximizes the efficiency of the extraction system as more VOC-contaminated groundwater will be removed per day for the operational costs incurred than by using the AOIW solely. Groundwater from the AOIW and MW89-12 is used to irrigate fields south and east of the facility (Beller property) and north of the facility (LMC property), respectively. Although not utilized for groundwater interception in 2004, wells OIW and TIW are available for future use if needed. The operation of the remedial pumping systems and a preliminary capture zone analysis based on assumed operating parameters were described in the O&M Plan (URS 2004).

The pumping data summarized in Table 1 were used to estimate capture zones of each well during operation in 2004. As indicated in the O&M Plan (URS 2004), an expectation of reduced capture of VOCs relative to the preliminary capture zone analysis was anticipated due to continual adjustment of operational parameters and managing logistics during the first year of operation. Issues affecting the operation of the remedial system in 2004 are discussed with the capture zone assessment in Section 2.2.

2.2 CAPTURE ZONE ASSESSMENT

The capture zone represents the area of groundwater that will be intercepted by a pumping well after the well has been operating at a constant rate for a significant period of time. Outside of the capture zone, groundwater is not intercepted by the well. Aquifer characteristics, such as

hydraulic conductivity and groundwater gradient affect the width of the capture zone, as does the pumping rate and duration from a well. URS reviewed the potential capture zones associated with extraction wells AOIW, MW89-12, and G127000 based on the data collected in 2004 and compared the results to the capture zones previously assumed during the design of the remedial pumping system.

The original capture zone analysis for wells AOIW, MW89-12, and G127000 was based on the following assumptions as described in the O&M Plan (URS 2004).

- Groundwater flow velocity for the area is approximately 1 foot per day in the vicinity of well G127000 to 2 feet per day at wells AOIW and MW89-12.
- Induced recharge from Shell Creek is minimal (applicable to well G127000 only).
- The wells will operate for an 8 to 9 month annual irrigation period at steady state conditions (continuous pumping).
- The wells will operate during spring, summer, and fall only, so evapotranspiration (in addition to the presence of the upper confining layer) will minimize the effects of induced recharge from irrigation.

Variations in the geologic and hydrogeologic properties (saturated thickness, hydraulic conductivity, etc.) were also evaluated for each well location. A capture zone was estimated for each well based on the assumptions provided above, geologic/hydrogeologic information, and predicted pumping volumes. The assumed capture zones based on the initial analysis are shown on Figure 4. The groundwater extraction from each well was intended to operate continuously, 24 hours per day, 7 days per week at assumed minimal pumping rates for 8 to 9 months during the year when feasible based on weather, infiltration, irrigation, or farming conditions (crop type).

The pumping data collected in 2004, geologic data collected during installation of additional southern terminus wells in November 2004, and additional review of hydraulic conductivity information in the Remedial Investigation (RI) Report (Dames & Moore 1990) were used to refine the capture zone for each extraction well. The associated assumptions, data, and calculations used to estimate capture zones for the operating period from April 2004 through November 2004 are provided in detail in Appendix A. The potential approximate capture zones for each well based on minimum and maximum pumping rates achieved during 2004 are shown on Figure 4. These capture zone boundaries are based on the assumption that pumping at each well was consistent and continuous at a minimum pumping rate which as shown on Table 1 was not the case during the first year of operation. Pumping at each well was at a variable rate and was intermittently disrupted for short periods of time due to maintenance requirements, mechanical adjustments, or farm practices.

2.2.1 AOIW

Pumping at the AOIW began in May 2004 coincidental with the start of the irrigation season and shut down in October 2004. The well was operated most of 6 months during 2004. However, as shown on Table 1, the pumping data from May through July 2004 was lost due to telemetry equipment failure. LMC corrected the problem and data were recorded from August until the well was shut down in October 2004. The measured pumping rates from the AOIW ranged from 169 to 525 gallons per minute (gpm) compared to the planned pumping rate of 500 gpm.

The previously calculated capture zone was based on a hydraulic conductivity of 393 feet/day (URS 2004). The conductivity was revised to 550 ft/day based on additional review of the RI report (Dames & Moore 1990) and an aquifer thickness of 40 feet at the AOIW (as observed during well drilling). The higher relative hydraulic conductivity yields a narrower capture zone than previously estimated (Appendix A, Figure 4).

At the minimum pumping rate (169 gpm), the capture zone does not extend across the width of the VOC plume. However, the well was only operated at this rate for approximately 8 days at the end of the pumping period and is not representative of overall operation. At the higher recorded pumping rates (325 gpm and greater), the capture zone at AOIW extends across the plume width, although it does not extend across the facility footprint. The 2004 operational data shows that this well can develop a sufficient capture zone when operated for a sustained period at sufficient rates. However, because of the higher estimated hydraulic conductivity, the width of the capture zone is reduced. To create and maintain a capture zone that extends across the plume width at the facility, a pumping rate of 500 gpm or greater will need to be achieved and sustained for a period of 8 months. Based on the assumed groundwater velocity in the vicinity of the well, the VOC plume is estimated to migrate approximately 250 feet during the non-operational months. A sustained pumping rate of 500 gpm should be sufficient to capture VOC-contaminated groundwater that may migrate past the capture zone area of influence during non-pumping periods.

2.2.2 Well 89-12

Well MW89-12 was pumped from April 2004 through November 2004. The well was operated all or part of 8 months (161 days total) during this timeframe. Pumping rates from MW89-12 ranged from 16 to 49 gpm compared to the planned pumping rate of 40 gpm.

The original hydraulic conductivity value of 374 ft/day used in the previous capture zone analysis (URS 2004) was revised to 520 ft/day based on additional review of the RI report (Dames & Moore 1990) and an aquifer thickness of 45 feet at MW89-12. As with the AOIW, the higher relative hydraulic conductivity yields a narrower capture zone than previously estimated (Appendix A, Figure 4).

The capture zone for MW89-12 is within the AOIW capture zone, and extends across the Cell 2 former source area (Figure 4). The operational history for 2004 shows that the system can

develop a sufficient capture zone when operated for a sustained period at sufficient rates. However, because of the higher estimated hydraulic conductivity, the width of the capture zone is reduced requiring a higher pumping rate to achieve an effective capture zone. The pump in well MW89-12 was replaced in January 2005 with a larger pump capable of pumping up to 100 gpm after the original pump failed in November 2004. At a sustained pumping rate of 60 gpm, the capture zone at MW89-12 should be sufficient to capture the VOC plume in the former Cell 2 source area.

2.2.3 Well G127000

Pumping at well #G127000 began in May 2004 coincidental with the start of the irrigation season and shut down in September 2004. Pumping rates ranged from 120 to 561 gpm. The pumping rate at this well was increased or decreased depending upon the volume of water needed for irrigation. LMC operated well G127000 approximately 5 months during 2004. The planned pumping period of 8 months was not achieved due to reduced irrigation needs resulting from an unseasonably wet spring and early summer.

URS performed a capture zone analysis for well G127000 using pump test data for the well from the 2004 aquifer pumping test, and pumping data collected from April to September 2004.

At the minimum pumping rate (120 gpm), the capture zone does not extend across the entire width of the VOC plume. However, the capture zone does extend through the area of the plume where VOC concentrations exceed MCLs. When the system is not operational, VOCs in the center of the plume may migrate past the well. If the well is inoperative for six months, the expected migration distance is approximately 360 feet. At the 2004 maximum pumping rate (561 gpm), the leading edge of the capture zone increases significantly both laterally and downgradient to capture VOC-contaminated groundwater that migrated past the well (Figure 4). However, at the planned continuous pumping rate (250 gpm), a portion of the VOCs in the central portion of the plume may migrate past the capture zone area of influence during non-pumping periods. Because the higher pumping rates (>500 gpm) are only required intermittently during the growing season, the most beneficial option for VOC removal will be to explore options for operating well G127000 on a year-round basis.

2.3 SUMMARY

The intent of the remediation pumping system was to operate on a continual basis for 8 months of the year at sustained minimum pumping rates for each well. The continuity of pumping was not established during the 2004 season. Factors affecting the length of time and pumping rate included:

- a shortened irrigation season due to a wet spring,

- variability of well discharges based on pressure head differences caused by the pivot systems as they moved across variable terrain,
- irrigation practices of the water users,
- maintenance issues and mechanical adjustments.

Overall, the wells operated from 5 to 7 months versus the 8 month planned pumping period in the O&M Plan. Additionally, pumping variations and downtime affected the formation of effective capture zones. As such, future operations should emphasize consistent pumping for the entire operational period.

As shown on Figure 4, the decreased pumping rate and higher estimated conductivity in the vicinity of the on-facility extraction wells result in narrower capture zones at wells AOIW and MW89-12 than originally predicted. As discussed above, maintaining pumping continuity and a designated minimum pumping rate are important in creating and maintaining an effective capture zone at these wells. To maintain effective capture and prevent plume migration at G127000, year-round operational options may provide the best resolution.

The potential capture zones for the three extraction wells has been adjusted based on both revised hydraulic conductivity (AOIW and MW89-12) data and pumping records for 2004. The 2004 pumping data indicate that the operational procedures can achieve adequate pumping rates to form effective capture zones; however, the 2005 operation will need to address how to continually pump each well at a minimum pumping rate for an extended period (at least 8 months) so that capture zones can be created and maintained from year to year and the mitigation of the plume movement is not adversely impacted by winter shutdowns.

3.0 GROUNDWATER MONITORING

3.1 GROUNDWATER MONITORING SYSTEM

The groundwater monitoring system consists of monitoring wells installed on the facility property and downgradient of the facility. Groundwater quality in the Sand and Gravel Aquifer is monitored beneath the Lindsay facility at wells MW87-3, MW89-15, MW89-12, OIW, and AOIW, and downgradient of the facility at TIW, MW89-10B, MW89-11B, MW92-3A, MW92-3B, G127000, MW04-01, MW04-02, MW04-03, and Preister's Old Domestic well. Wells monitoring the groundwater quality in the perched sand channel located beneath the facility include MW89-13 and MW89-14 (Figure 2). As noted previously, wells MW89-12, OIW, and AOIW are also used or may be used for interceptor/extraction wells.

In November 2004, LMC installed three new monitoring wells, MW04-01, MW04-02, and MW04-03 (Figure 2), to delineate the eastern edge and southern terminus of the VOC groundwater plume downgradient of the facility. These wells are screened across the full

thickness of the Sand and Gravel Aquifer. Passive diffusion bags (PDBs) were placed in each well at 10 ft intervals from the top of the screen to near the bottom to assess vertical distribution of VOCs in the Sand and Gravel Aquifer at these locations.

Several domestic, stock, and irrigation wells are included in the monitoring system on a quarterly or annual sampling basis. The Beller Domestic, Preister Domestic (installed June 2003), Beller New Stock (G122015), Beller Irrigation (#54278), and Beller Stock Tank Pens #6 and #7 (Figure 2) were sampled in November 2004 and February 2005.

The Beller Irrigation Well #54278 was retrofitted from an irrigation well to a stock well after the November 2004 sampling event and prior to the February 2005 sampling event. As part of the retrofit, a 2" casing was installed next to the primary casing to allow year round access for monitoring at this location.

The following irrigation wells were sampled in November 2004: Anthony Klassen (#G33172), John Klassen Irrigation (G56241), Martischang Irrigation, and Weylan Neal Irrigation (G31798 [Figure 2]). These wells were not available for sampling in February 2005 due to winter shutdown.

3.2 GROUNDWATER QUALITY

Groundwater samples from monitoring wells were collected in November 2004 and February 2005. In addition, two water samples were collected in January 2005 from a surface discharge potentially related to a spring or shallow perched groundwater. A summary of wells sampled and the analytical program is presented in Table 2. Well locations are shown on Figures 2 and 3. All samples were analyzed for VOCs unless otherwise noted. Selected sample locations were also analyzed for metals, sulfate, and pH in accordance with the modified Statement of Work (SOW) associated with the Consent Decree. In addition, samples collected from MW87-3, MW89-12, MW89-15, AOIW, Beller New Stock (G122015), Beller Domestic, Preister Domestic (2003), or MW04-03 were analyzed for 1,4-dioxane during each sampling event to follow-up on detections in samples collected in August and September 2004. Field measurements for pH, temperature and specific conductivity were recorded at the time of sample collection for those wells requiring sampling via pumps. Laboratory analytical results and field measurements are summarized in Tables 3 and 4. Concentrations of total VOCs for selected wells are shown on Figures 5 and 6. Copies of data validation memoranda and laboratory data reports are included in Appendix B of this report. Analytical anomalies were not identified during the data validation process but there were items of note.

During the review of the data from November 2004, the laboratory noted that the acid used to preserve VOC samples was contaminated with acetone and possibly 2-butanone and methylene chloride. In addition, it was noted by the reviewer that in some cases the results for acetone in the dilutions of samples exceeded the non-diluted results. As all samples collected for VOC analysis were preserved, the results for acetone in all samples associated with the November 2004 sampling

round were considered suspect and not used for evaluation. The reported results for 2-butanone and methylene chloride were considered suspect as well. Acetone and 2-butanone were reported as detected in several of the samples collected in February 2005 at relatively consistent levels that could be indicative of laboratory or field contamination unrelated to groundwater quality at Lindsay. However, at four sample locations, Beller #54278, MW04-02 (98' bgs), MW92-3A, and MW92-3B, the acetone and/or 2-butanone results were elevated well above values that can be attributed to laboratory contamination. The results at Beller #54278 may be due to products used during the well retrofit. The results at MW04-02 (98' bgs), MW92-3A, and MW92-3B appear anomalous compared to the November 2004 data. In preparation for the May 2005 sampling event, corrective actions have been implemented to address potential causes of cross-contamination resulting from laboratory or field introduced sources. The results will be reassessed after the May 2005 data are evaluated.

The laboratory raised the reporting limit for 1,4-dioxane from 1.0 ug/L to 5.0 ug/L with concurrence from URS prior to the February 2005 sampling event due to analytical complications with this compound at the lower reporting limit. EPA has not established a federal maximum contaminant level (MCL) or maximum contaminant level goal (MCLG) for 1,4-dioxane in drinking water. 1,4-Dioxane, however, is listed in USEPA's list of unregulated contaminants for drinking water, and EPA has published a health-based advisory of 3 ug/L and a risk-based preliminary remediation goal of 6.1 ug/L. Nebraska has not established an MCL, MCLG or advisory level for 1,4-dioxane. Analytical results are discussed based on whether the compound was detected or not at the specified location.

Sample analytical data for VOCs, zinc, cadmium, chromium and lead were compared to established cleanup levels identified in the SOW associated with the Consent Decree. The cleanup levels primarily consist of federal MCLs and secondary MCLs as described in the Consent Decree. Sulfate, iron and pH were compared to alternate cleanup levels agreed upon by NDEQ, EPA and LMC in December 2000.

3.2.1 Perched Sand Channel

Groundwater quality in the perched sand channel located beneath the facility is monitored by wells MW89-13 and MW89-14. Concentrations of VOCs, metals, and/or conventionals in wells MW89-13 and MW89-14 were similar to or less than previous quarters (Table 3); however, detected concentrations of the above-referenced compounds were below MCLs and alternate cleanup levels, with the exception of zinc at MW89-14 in November 2004. Zinc was slightly above the secondary MCL (5 mg/L).

3.2.2 Sand & Gravel Aquifer

Groundwater samples collected from wells completed in the Sand and Gravel Aquifer were analyzed for VOCs, metals and inorganic parameters as summarized in Table 2. Concentrations of 1,1-dichloroethene (1,1-DCE) and/or tetrachloroethene (PCE) exceeded MCLs in samples collected from on-facility wells MW87-3, MW89-12, MW89-15, OTW, and AOIW and at

downgradient wells MW04-02, MW04-03, Preister's Old Domestic, and G127000 during both sampling events. The concentration of PCE exceeded the MCL at MW92-3A during both sampling events, but 1,1-DCE exceeded the MCL only during the February 2005 event. Trichloroethene (TCE) exceeded the MCL at MW89-12 during both events. Other VOCs (1,1-dichloroethane, 1,2-dichloroethene, and 1,1,1-trichloroethane) at these wells were either not detected or below applicable MCLs. Generally, VOC concentrations were similar to or less than previous quarters; however at MW87-3 and MW89-15, significant increases in concentrations of one or more VOCs noted during August 2004 were also noted in November 2004. By February 2005, detected VOC concentrations in MW87-3 and MW89-15 were comparable to pre-August 2004 conditions. The increase in concentrations at MW87-3 and MW89-15 is most likely the result of the remedial pumping described in Section 2.

MW04-01, MW04-02, and MW04-03 were sampled at multiple depths below ground surface (bgs) for VOCs. In general, VOC concentrations in MW04-02 and MW04-03 increased as the sample depth increased. VOCs were not detected at MW04-01, MW89-10B, or the TTW.

As discussed in Section 3.2, the reporting limit for 1,4-dioxane was raised to 5.0 ug/L prior to the February 2005 sampling event. 1,4-Dioxane was detected in samples from MW87-3, MW89-12, MW89-15, AOIW, and G127000. Based on the results collected in November 2004 and February 2005, the highest concentrations were detected at MW89-12 and these results were below those detected at MW89-12 in August 2004.

Detected metals and sulfate concentrations in the above-referenced wells were similar to or less than previous quarters. The concentrations of iron, zinc, and sulfate exceeded the cleanup levels at MW89-15 during both sampling events. In addition, the concentration of cadmium exceeded the MCL at MW89-15 in February 2005. Concentrations of chromium detected in wells MW92-3A and MW92-3B exceeded the MCL during the November 2004 sampling event. Metals were not analyzed for at these two well locations in February 2005. With the exceptions noted above, detected concentrations of all other metals and/or sulfate and pH in monitoring wells completed in the Sand and Gravel Aquifer were below their respective MCLs or alternate cleanup levels.

3.2.3 Domestic, Stock, and Irrigation Wells

Beller and Preister Home Treatment Systems

Samples were collected from the treatment systems at the Beller and Preister households before the treatment system (BFF), after the first filter (AFF), and after the last filter (ALF). VOCs or metals were not detected above the MCLs in before treatment samples at either household. VOCs were not detected in the samples collected after the treatment systems. Low levels of PCE were detected in the Beller (AFF) samples during both sampling events but the concentrations were well below the MCL. 1,4-Dioxane was not detected in the before treatment samples during either sampling event.

Additional Domestic, Stock, and Irrigation Wells

Groundwater quality was monitored at Beller New Stock (G122015), Beller Old Irrigation, Beller Irrigation (#54278 – retro to stock well), Beller Stock Tank Pens #6 and #7, Weylan Neal Irrigation (G31798), Anthony Klassen Irrigation (G33172), John Klassen Irrigation (G56241), and Martischang Irrigation. Concentrations of VOCs, metals, and/or sulfate were similar to or less than previous quarters. With the exceptions of 1,1-DCE and PCE in Beller New Stock (G122015) Beller Stock Tank Pens #6 and #7, and Weylan Neal Irrigation (G31798), VOC concentrations were below MCLs. 1,4-Dioxane was detected in Beller New Stock (G122015) and Beller Stock Tank Pens #6 and #7. Concentrations of metals and sulfate were below MCLs and alternate cleanup levels when analyzed.

3.2.4 Additional Sample Locations

Two water samples, Surface Discharge Klassen West and Surface Discharge Klassen East, were collected in January 2005 from a surface discharge potentially related to a spring or shallow perched groundwater (Figure 6). The samples were collected to assess if VOCs and/or 1,4-dioxane were present and potentially assist in the location of additional southern terminus wells. VOCs were not detected in the sample collected from the west location and 1,4-dioxane was not detected in the western or eastern sample locations.

4.0 CONCLUSIONS

VOCs are detected in groundwater from wells aligned to the southeast from the facility to MW04-03. The data indicate that the lateral dispersion of VOCs along this line is relatively narrow (Figures 5 and 6). Based on the data collected at MW04-03, the southern extent of VOC-containing groundwater has not been determined.

As discussed in previous biannual reports, peaks in concentrations at on-site wells MW89-12 and MW89-15 coincide with seasonal stress on the aquifer during the summer irrigation season (Figures 7 and 8). It is typical for concentrations to decrease and stabilize during the following winter. As shown on Figure 8, the total concentrations of VOCs monitored at downgradient wells MW92-3A, MW92-3B, and Preister's Domestic well show an overall decrease or stabilized concentrations. The concentrations of VOCs also decrease an order of magnitude from the facility (represented by MW89-15) downgradient to the Preister Domestic wells (Figure 8).

Based on the revised aquifer data and recorded pumping rates, the estimated capture zones for wells AOIW, MW89-12, and G127000 are narrower than originally predicted (Figure 4). The primary cause of the reduced capture zone area is the reduced pumping rates from the planned rates and the shorter than normal irrigation season in 2004. The zones are based on consistent pumping for 8 to 9 months at a consistent minimum rate from each extraction/irrigation well. With consistent pumping rates and an increase in pumping duration, the operational data from 2004 does indicate that the system can be effective in controlling the plume in the vicinity of the

source area (AOIW and MW89-12) and through the central portion of the downgradient plume (G127000). The operational data collected in 2004 also illustrated the impact on capture zones due to changes to pumping rates, pumping schedules, and system maintenance as the result of weather, changes in field conditions or crop rotation, seasonal farm practices (planting, spraying, harvesting), or system breakdowns.

5.0 PROJECTED ACTIONS FOR BIENNIAL PERIOD APRIL 1 - SEPTEMBER 30, 2005

Based on continual review of the groundwater quality data and operations of the remedial pumping system in 2004 and the current data collected in February 2005, LMC intends to proceed with planning and completion of the following during 2005:

- Install additional monitoring wells to delineate the southern terminus of the VOC plume
- Explore options to allow extended (8 months to year-round) extraction of groundwater at G127000

Planning for installation of additional monitoring wells began after receipt of the data from MW04-02 and MW04-03 in December 2004. Currently, LMC is negotiating land agreements with owners of property identified for well placement. Upon completion of the land agreements, LMC will provide EPA a plan for the placement, well design, and sampling of additional wells. It is assumed that these wells will likely be installed post-harvest 2005 as all of the locations will require significant land work for access for drill rigs. If started in advance of the fall, crops will be destroyed as part of the installation.

The inconsistent pumping at well G127000 in 2004 was caused by the inability to use the volume of water necessary to pump and create an adequate capture zone. It is not possible to increase the pumping volume and use the resulting volume of water generated on the surrounding fields. Another means of creating and maintaining the capture zone at this location is to continually achieve the minimal pumping rate of 250 gpm but increase the overall time that the system is operated (greater than 8 months). LMC collected additional data in February 2005 (metals, sulfate, pH, 1,4-dioxane, as well as VOCs) to assess the possibility of discharging extracted water to Shell Creek. LMC intends to evaluate this possibility in preparation for the 2006 season.

6.0 RECOMMENDATIONS

Based on the quarterly groundwater data collected and assessment of the remedial pumping system, URS recommends the following for the monitoring period from April 2005 to October 2005:

- Continue pumping of MW89-12 as an interceptor well with a consistently, maintained pumping rate of 60 gpm from April-May through November 2005.
- Continue pumping of the AOIW to achieve continual minimum pumping rates of 500 gpm from April-May through November 2005.
- Continue pumping of G127000 to achieve continual minimum pumping rate of 250 gpm from May through September 2005 (or longer if possible). Pursue discharge options to augment the use of the water for irrigation and so that pumping can be increased to facilitate creation and maintenance of the necessary capture zone.
- Continue to delineate the southern extent of the VOC plume. As a safeguard for potential receptors downgradient prior to the installation of new monitoring wells, include sampling for VOCs of the following wells in the May 2005 and August 2005 sampling periods: Richard Wagner Irrigation, John Klassen Irrigation (G56241), Ron Pfeifer (G68239), and Tom Jarecki Domestic. The well locations are shown on Figure 2.
- Complete an elevation survey of extraction well and monitoring well measuring points in order to provide accurate water level elevation measurements and an accurate groundwater gradient for future capture zone monitoring and calculations.

7.0 REFERENCES

- Dames & Moore, 1990, *Remedial Investigation for Lindsay, Nebraska*. Prepared for Lindsay Manufacturing. June 20, 1990.
- Freeze, R.A. and Cherry, J.A. 1979. *Groundwater*. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.
- Todd, D.K. 1980. *Groundwater Hydrology*. John Wiley and Sons, New York.
- URS Corporation (URS). 2004. *Operations and Maintenance Plan, Supplemental Remedial Action, Lindsay Manufacturing, Lindsay, Nebraska*. July 9, 2004.
- U.S. Environmental Protection Agency (EPA). 2003. *Five-Year Review Report, Second Five-Year Review Report for Lindsay Manufacturing Superfund Site, Lindsay, Nebraska*. July 2003.
- . 1992. *Consent Decree, Lindsay Manufacturing Company, Lindsay, Nebraska*.
- . 1990. *Record of Decision, Lindsay Manufacturing Company, Lindsay, Nebraska*.

Table 1
Summary of Pumping Volumes
April 1, 2004 through March 31, 2005
Lindsay Manufacturing Company

	OIW			AOIW			TIW			MW 89-12			G127000			Total Gallons
	Total Gal.	Total Days Pumping	Average Pumping Rate ¹ (GPM)	Total Gal.	Total Days Pumping	Average Pumping Rate ¹ (GPM)	Total Gal.	Total Days Pumping	Average Pumping Rate ¹ (GPM)	Total Gal.	Total Days Pumping	Average Pumping Rate ¹ (GPM)	Total Gal.	Total Days Pumping	Average Pumping Rate ¹ (GPM)	
Monthly Summary																
April-04	0	0	NA	0	0	NA	0	0	NA	845,754	20	29	0	0	NA	845,754
May-04	0	0	NA	NA*	NA*	NA*	0	0	NA	991,732	14	49	5,374,269	31	120	6,366,001
June-04	0	0	NA	NA*	NA*	NA*	0	0	NA	770,788	15	36	17,193,632	30	398	17,964,420
July-04	0	0	NA	NA*	NA*	NA*	0	0	NA	835,488	19	31	13,140,092	31	294	13,975,580
August-04	0	0	NA	23,441,600	31	525	0	0	NA	1,164,758	27	30	25,051,989	31	561	49,658,347
September-04	0	0	NA	15,220,000	30	352	0	0	NA	1,578,905	27	41	8,136,189	30	188	24,935,094
October-04	0	0	NA	6,583,800	27	169	0	0	NA	1,362,685	31	31	0	0	NA	7,946,485
November-04	0	0	NA	0	0	NA	0	0	NA	186,938	8	16	0	0	NA	186,938
December-04	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0
January-05	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0
February-05	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0
March-05	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0	0	NA	0
62nd Quarter																
April, May, June 2004	0	0	NA	NA*	NA*	NA*	0	0	NA	2,608,274	49	37	22,567,901	61	257	25,176,175
63rd Quarter																
July, August, September 2004	0	0	NA	38,661,600	61	440	0	0	NA	3,579,151	73	34	46,328,270	92	350	88,569,021
64th Quarter																
October, November, December 2004	0	0	NA	6,583,800	27	169	0	0	NA	1,549,623	39	28	0	0	NA	8,133,423
65th Quarter																
January, February, March 2005	0	0	NA	0	0	0	0	0	NA	0	0	NA	0	0	NA	0
62nd through 65th Quarters	0	0	NA	45,245,400	88	357	0	0	NA	7,737,048	161	33	68,896,171	153	313	121,878,619

NA = not applicable or not available

* - AOIW was operated during these months, but pumping data not available due to loss of telemetry data

¹ Average Pumping Rate = gallons pumped / days pumped / 1440 minutes per day. Gallons pumped are based on LMC field data. Days pumped assumes pumping occurred 24 hours per day.

Table 2
Summary of Wells Sampled and Analytical Plan
Sixty-Fourth and Sixty-Fifth Quarters
October 2004 through March 2005
Lindsay Manufacturing Company

Well ID	Volatile Organic Compounds (VOCs) (EPA Method 8260B)	1,4 Dioxane (EPA Method 8270C)	Total Metals (CLP Method)	pH (lab) (EPA Method 159.1)	Sulfate (EPA Method 375.2)
Samples Collected November 2004					
87-3	X		X	X	X
89-10B	X				
89-11B	X				
89-12	X	X	X	X	X
89-13	X		X	X	X
89-14	X		X	X	X
89-15	X	X	X	X	X
92-3A	X		X	X	X
92-3B	X		X	X	X
OI Well	X				
AOI Well	X	X			
TI Well	X				
MW04-01 (depths: 76, 86, 96, 106, and 116 feet bgs)	X				
MW04-02 (depths: 68, 78, 88, and 98 feet bgs)	X				
MW04-03 (depths: 45, 55, 65, 85, 105, 110, and 120 feet bgs)	X				
Beller Domestic (BFF)	X	X	X	X	X
Beller Domestic (AFF)	X				
Beller Domestic (ALF)	X	X			
Beller New Stock (G122015)	X		X	X	X
Beller Old Irrigation (#54278)	X				
Beller Stock Tank Pen #6	X				
Beller Stock Tank Pen #7	X				
Preister's Domestic (BFF)	X	X	X	X	X
Preister's Domestic (AFF)	X				
Preister's Domestic (ALF)	X	X			
Preister's Old Domestic	X				
Preister's New Irrigation (G127000)	X				
Anthony Klassen Irrigation (G33172)	X				
John Klassan Irrigation (G56241)	X				
Martischang Irrigation	X				
Weylan Neal Irrigation (G31798)	X				
Samples Collected January 2005					
Surface Discharge Klassen East		X			
Surface Discharge Klassen West	X	X			
Samples Collected February 2005					
87-3	X	X	X	X	X
89-10B	X				
89-11B	X				
89-12	X	X			
89-13	X				
89-14	X		X	X	X
89-15	X	X	X	X	X
92-3A	X				
92-3B	X				
OI Well	X				
AOI Well	X	X	X	X	X
TI Well	X				
MW04-01 (depths: 76, 86, 96, 106, and 116 feet bgs)	X				
MW04-02 (depths: 68, 78, 88, and 98 feet bgs)	X				
MW04-03 (depths: 45, 55, 65, 85, 105, 110, and 120 feet bgs)	X				
MW04-03 Bailer		X			
Beller Domestic (BFF)	X	X	X	X	X
Beller Domestic (AFF)	X				
Beller Domestic (ALF)	X	X			
Beller New Stock (G122015)	X	X			
Beller Irrigation (#54278) Retro to Stock Well	X				
Beller Stock Tank Pen #6	X	X			
Beller Stock Tank Pen #7	X	X			
Preister's Domestic (BFF)	X				
Preister's Domestic (AFF)	X				
Preister's Domestic (ALF)	X	X			
Preister's Old Domestic	X				
Preister's New Irrigation (G127000)	X	X	X	X	X

BFF - Before first filter of whole-house treatment system installed August 2003.

AFF - After first filter of whole-house treatment system installed August 2003.

ALF - After last filter of whole-house treatment system installed August 2003. Effluent water is used by the household.

¹ Total metals include cadmium, chromium, iron, lead, and zinc.

Table 3
Summary of Analytical Results for Monitoring Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ²	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
87-3	11/01	6.35	6.6 J	11.5	949	19	5.0 U	5.0 U	5.0 U	30	5.0 U	5.0	54	NA	0.002 U	0.009	0.08	0.001 U	0.219	34
	2/02	6.60	6.7 J	12.2	766	22	5.0 U	5.0 U	5.0 U	30	5.0 U	6.0	58	NA	0.002 U	0.012	0.11	0.001 U	0.136	25
	5/02	6.61	6.7 J	10.4	785	14	5.0 U	5.0 U	5.0 U	22	5.0 U	5.0	41	NA	0.002 U	0.012 J	0.11	0.001 U	0.107	25
	8/02	6.44	6.79 J	13.2	722	12 J	5.0 UJ	5.0 UJ	5.0 UJ	13 J	5.0 UJ	5.0 UJ	25	NA	0.002 U	0.013	0.62	0.001 U	1.22	34
	11/02	6.58	6.78	11.6	920	17	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	8.0	25	NA	0.002 U	0.012	0.21	0.001 U	0.349	31
	2/03	6.59	6.85	12.4	982	27	5.0 U	5.0 U	5.0 U	29	5.0 U	8.0	64	NA	0.002 U	0.008	0.06	0.001 U	0.259	32
	5/03	6.47	6.76 J	12.1	774	23	5.0 U	5.0 U	5.0 U	24	5.0 U	11	58	NA	0.002 U	0.009	0.19	0.001 U	0.155	26
	8/03 (diffusion bag)	NA	NA	NA	NA	22	6.2	1.0 U	1.0 U	17	1.0 U	4.4	50	NA	NA	NA	NA	NA	NA	NA
	8/03	6.44	6.66 J	14.0	654	9.3	2.5	1.0 U	1.0 U	14	1.0 U	7.0	33	NA	0.002 U	0.008	0.33	0.001 U	0.947	47
	11/03	6.52	6.81 J	11.9	809	16	1.5	1.0 U	1.0 U	14	1.0 U	10	42	NA	0.002 U	0.008	0.07	0.002	0.418	55
	2/04	5.75	6.68 J	11.1	854	20	2.2	1.0 U	1.0 U	18	1.0 U	8.5	49	NA	0.002 U	0.010	0.14	0.001 U	0.306 J	40
	5/04	6.50	6.85 J	13.2	999	26	2.6	1.0 U	1.0 U	24	1.0 U	8.5	61	NA	0.002 U	0.007	0.24	0.001 U	0.272	34.8
	8/04	6.82	6.59	15.4	1001	370	60	6.9	5.0 U	200	5.2	400	1042	NA	0.002 U	0.006	0.63	0.001 U	0.584	63.3
	11/8/04	6.87	6.83 J	11.4	1044	930	90	10	10 U	300	10 U	520	1850	NA	0.002 U	0.005	0.12	0.001 U	0.231	118
	2/21/05	6.86	6.84 J	11.6	638	13	1.0	0.2	0.2 U	6.9	0.2 U	11	32	4.9 J	0.002 U	0.008	0.15	0.001 U	0.158	45.2
	2/21/05 (DUP)	6.86	6.85	11.6	638	14	1.2	0.3	0.2 U	7.9	0.2 U	13	36	5.3	0.002 U	0.011	0.16	0.001 U	0.143	43.0
89-10B	2/03	6.91	NA	12.1	474	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/03	6.75	NA	14.8	490	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/22/05	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
89-11B	12/02	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1	NA	NA	NA	NA	NA	NA	NA
	2/03	6.85	NA	10.4	654	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/03	6.90	NA	13.1	682	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/21/05	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.4	NA	NA	NA	NA	NA	NA	NA
89-12	11/01	6.47	NA	13.1	920	54	29	6.0	5.0 U	120	5.0 U	170	379	NA	NA	NA	NA	NA	NA	NA
	2/02	6.43	NA	11.0	974	24	5.0 U	5.0 U	5.0 U	23	5.0 U	70	117	NA	NA	NA	NA	NA	NA	NA
	3/02	6.35	NA	14.0	967	44	16	5.0 U	5.0 U	70	5.0 U	150	280	NA	NA	NA	NA	NA	NA	NA
	5/02	6.67	NA	12.2	1090	18	5.0 U	5.0 U	5.0 U	10	5.0 U	32	60	NA	NA	NA	NA	NA	NA	NA
	6/02	6.83	NA	13.5	949	19 J	5.0 UJ	5.0 UJ	5.0 UJ	11 J	5.0 UJ	28 J	58	NA	NA	NA	NA	NA	NA	NA
	8/02	6.25	NA	14.6	820	78 J	46 J	5.0 UJ	5.0 UJ	84 J	5.0 UJ	260 J	468	NA	NA	NA	0.05 U	NA	1.66	299
	11/02	6.37	NA	12.9	1172	74	33	7.0	5.0 U	110	5.0 U	280	504	NA	NA	NA	0.07	NA	1.96	NA
	2/03	5.70	NA	11.5	1270	42	15	5.0 U	5.0 U	67	5.0	400	529	NA	NA	NA	NA	NA	NA	NA
	5/03	6.39	6.66 J	12.5	960	50	15	5.0 U	5.0 U	45	5.0 U	180	290	NA	0.002 U	0.005 U	0.05 U	0.001 U	1.16	290
	8/03	6.05	NA	14.7	1252	95	74	23	1.0 U	170	8.0	340	710	NA	NA	NA	NA	NA	NA	NA
	11/03	6.12	6.37 J	13.5	1218	90	57	19	5.0 U	170	5.0 U	190	526	NA	0.002 U	0.005 U	0.05 U	0.001	3.33	370
	2/04	6.09	NA	13.3	1150	50	17	6.1	1.0 U	66	3.4	220 J	363	NA	NA	NA	NA	NA	NA	NA
	5/04	6.17	NA	12.9	1132	80	38	11	2.0 U	96	4.7	290 J	520	NA	NA	NA	NA	NA	NA	NA
	8/04	6.23	6.32	13.2	1366	85	87	29	2.0 U	150	10	350	711	42	0.002 U	0.005 U	0.05 U	0.001 U	3.31	22.5
	11/9/04	6.32	6.36 J	12.9	1155	60	60	23	5.0 U	86	7.2	240	476	27 J	0.002 U	0.005 U	0.05 U	0.001 U	4.19	278
	2/20/05	6.42	NA	14.2	1148	39	28	15	5.0 U	78	6.6	370	537	26	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Monitoring Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ²	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
89-13	11/01	6.88	NA	11.3	456	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/02	7.22	NA	9.7	528	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	5/02	6.73	NA	11.6	536	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/02	7.18	NA	14.1	513	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	ND	NA	NA	NA	NA	NA	NA	30
	11/02	7.29	NA	11.4	583	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/03	6.57	NA	10.4	605	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	5/03	7.10	7.3 J	11.4	495	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.326	36
	8/03	7.33	NA	12.2	567	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.4	5	NA	NA	NA	NA	NA	NA	NA
	11/03	7.25	7.44 J	11.3	505	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.4	4	NA	0.002 U	0.006	0.05	0.001 U	0.212	34
	2/04	7.02	NA	10.5	512	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.8	6	NA	NA	NA	NA	NA	NA	NA
	5/04	7.39	NA	11.4	440	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3	5	NA	NA	NA	NA	NA	NA	NA
	8/04	7.41	7.33	12.3	466	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	3.1	3	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.037	29.8
	11/8/04	7.40	7.53 J	11.1	430	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.6	2	NA	0.002 U	0.005	0.05 U	0.001 U	0.09	27.7
	2/21/05	6.94	NA	11.4	382	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2.0	2	NA	NA	NA	NA	NA	NA	NA
89-14	11/01	5.88	6.3 J	11.6	660	5.0 U	5.0 U	5.0 U	5.0 U	8	5.0 U	5.0	13	NA	0.003	0.027	3.31	0.005	10.1	170
	2/02	5.82	5.8 J	10.5	690	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0	6	NA	0.004	0.019	2.42	0.003	16.1	360
	5/02	5.61	5.2 J	14.2	1110	5.0 U	5.0 U	5.0 U	5.0 U	5.0	5.0 U	7.0	12	NA	0.006	0.006 J	2.21	0.002 U	17.6	280
	8/02	6.26	6.26 J	14.1	858	12 J	5.0 UJ	5.0 UJ	5.0 UJ	19 J	5.0 UJ	9.0 J	40	NA	0.004	0.005 U	1.16	0.001 U	10.5	200
	11/02	6.51	5.87 J	11.3	754	8.0	5.0 U	5.0 U	5.0 U	15	5.0 U	11	34	NA	0.003	0.007	1.08	0.001	7.08	150
	2/03	5.71	5.42 J	9.8	594	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0	6	NA	0.002	0.005 U	0.87	0.001	6.74	160
	5/03	5.21	5.14 J	14.9	345	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	8.0	8	NA	0.003	0.005 U	1.41	0.001 U	7.23	180
	8/03	6.25	5.80 J	13.4	709	4.1	1.0 U	1.0 U	1.0 U	7.2	1.0 U	6.8	18	NA	0.003	0.005 U	1.08	0.001 U	8.62	190
	11/03	6.11	5.86 J	11.4	505	2.1	1.0 U	1.0 U	1.0 U	4.4	1.0 U	5.6	12	NA	0.002	0.005 U	0.64	0.002	6.58	150
	2/04	5.96	5.53	13.0	457	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5	3	NA	0.002 U	0.005	0.68	0.001	4.6	130
	5/04	6.30	6.23	14.1	531	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.4	2	NA	0.002	0.005	1.81	0.001	6.53	188
	8/04	6.73	6.05	13.1	632	0.9	0.2 U	0.2 U	0.2 U	1.3	0.2 U	3.0	5	NA	0.002 U	0.006	0.92	0.001 U	4.87	132
	11/8/04	6.77	6.12 J	12.3	590	0.8	0.2 U	0.2 U	0.2 U	0.9	0.2 U	2.7	4	NA	0.002 U	0.005 U	0.73	0.001 U	5.11	125
	2/21/05	6.34	6.02 J	10.9	433	0.7 J	0.2 U	0.2 U	0.2 U	0.6	0.2 U	2.3	4	NA	0.002 U	0.005 U	0.32	0.001	2.80	81.3
89-15	11/01	5.02	4.8 J	12.6	2010	140	20	13	5.0 U	200	5.0 U	110	483	NA	0.007	0.01 U	33.3	0.001 U	127	1100
	2/02	6.18	6.2 J	10.5	1430	110	7	5.0 U	5.0 U	130	5.0 U	93	340	NA	0.002	0.008	1.84	0.001 U	71.5	600
	5/02	6.58	6.5 J	13.9	1210	67	5.0 U	5.0 U	5.0 U	89	5.0 U	56	212	NA	0.002	0.005 J	0.36	0.001 U	43.8	320
	8/02	5.29	5.32 J	14.0	1330	180 J	54 J	50 J	5.0 UJ	290 J	5.0 UJ	170 J	744	NA	0.007	0.006	19.1	0.001 U	71.2	580
	11/02	5.63	5.70 J	11.5	1920	130	36	40	5.0 U	180	5.0 U	110	496	NA	0.007	0.01 U	19.2	0.001 U	94.8	730
	2/03	5.86	6.31 J	10.8	1530	46	5.0 U	5.0 U	5.0 U	51	5.0 U	38	135	NA	0.005	0.005 U	3.41	0.002	62.4	390
	5/03	6.28	6.39 J	14.7	1040	58	5.0 U	5.0 U	5.0 U	76	5.0 U	53	187	NA	0.005	0.009	3.67	0.001 U	49.4	340
	8/03	5.61	5.81 J	14.0	1123	84	23	22	1.0 U	130	1.7	82	343	NA	0.005	0.015	21	0.001	60.1	520
	11/03	5.82	6.13 J	11.8	1124	55	7.9	2.8	1.0 U	71	1.0 U	37	174	NA	0.004	0.005 U	3.09	0.002	48.8	330
	2/04	5.17	5.48	11.6	1417	110	47	48	1.0 U	200	3.9	120	529	NA	0.004	0.010	55	0.002	51.0	680
	5/04	4.96	4.94 J	12.5	1474	110 J	60 J	72 J	3.0 UJ	220 J	6.7 J	170 J	639	NA	0.002 U	0.009	69.9	0.001	39.6	648
	8/04	5.56	5.26	13.9	1360	71	38	45	1.0 U	120	3.6	110	388	8.3	0.002 U	0.025	66.3	0.001 U	56.8	672
	11/9/04	5.71	5.70 J	11.0	1638	120	37	44	1.0 U	130	2.6	120	454	14 J	0.004	0.007	59.5	0.001 U	95.2	924
	2/21/05	5.40	5.19 J	11.6	1786	84	19	19	1.0 U	99	1.2	87	309	20	0.008	0.01 U	32.4	0.001	141	1050

Table 3
Summary of Analytical Results for Monitoring Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ²	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
92-3A	11/01	6.75	6.9 J	11.7	569	12	5.0 U	5.0 U	5.0 U	100	5.0 U	42	154	NA	0.002 U	0.102	3.63	0.002	0.030	26
	2/02	6.79	NA	10.6	568	16	5.0 U	5.0 U	5.0 U	110	5.0 U	48	174	NA	NA	NA	NA	NA	NA	NA
	5/02	6.77	8.0 J	12.2	459	5.0 U	5.0 U	5.0 U	5.0 U	97	5.0 U	42	139	NA	0.002 U	0.190 J	1.92	0.001 U	0.016	19 J
	8/02	6.58	NA	12.0	547	10	5.0 U	5.0 U	5.0 U	77 J	5.0 U	23	110	NA	NA	NA	NA	NA	NA	NA
	11/02	6.69	6.92 J	11.4	497	6.0	5.0 U	5.0 U	5.0 U	63	5.0 U	28	97	NA	0.002 U	0.085	1.98	0.001 U	0.007	17
	2/03	6.68	NA	10.6	505	5.0	5.0 U	5.0 U	5.0 U	65	5.0 U	29	99	NA	NA	NA	NA	NA	NA	NA
	5/03	6.73	6.98 J	11.6	448	13	5.0 U	5.0 U	5.0 U	81	5.0 U	37	131	NA	0.002 U	0.151	3.11	0.002	0.02 U	15
	8/03	6.68	NA	13.3	487	3.7	1.9	1.0 U	1.0 U	53	1.0 U	24	83	NA	NA	NA	NA	NA	NA	NA
	11/03	6.71	6.98	11.7	501	2.2	1.8	1.0 U	1.0 U	44	1.0 U	22	70	NA	0.002 U	0.176	2.93	0.002 J	0.013	14
	2/04	6.40	NA	10.6	486	6.2	1.9	1.0 U	1.0 U	54	1.0 U	26	88	NA	NA	NA	NA	NA	NA	NA
	5/04	6.65	7.02 J	13.1	523	3.8	1.9	1.0 U	1.0 U	50	1.0 U	22	78	NA	0.002 U	0.279	7.61	0.005	0.029	14.8
	8/04	NA	NA	NA	NA	14	0.8	0.2 U	0.2 U	24	0.2 U	4.4	43	NA	NA	NA	NA	NA	NA	NA
	11/04	6.82	6.95 J	11.6	484	2.7	1.4	0.5	0.2 U	27	0.2	18	50	NA	0.002 U	0.101	1.56	0.001 U	0.016	15.7
	2/22/05	NA	NA	NA	NA	14	0.6	0.6 U	0.6 U	14	0.6 U	5.4	34	NA	NA	NA	NA	NA	NA	NA
92-3B	11/01	6.41	6.5 J	12.2	724	5.0 U	5.0 U	5.0 U	5.0 U	16	5.0 U	8.0	24	NA	0.002 U	0.087	1.68	0.001 U	0.006 U	170
	2/02	6.45	NA	11.6	670	5.0 U	5.0 U	5.0 U	5.0 U	10	5.0 U	6.0	16	NA	NA	NA	NA	NA	NA	NA
	5/02	6.47	6.4 J	12.0	558	5.0 U	5.0 U	5.0 U	5.0 U	11	5.0 U	6.0	17	NA	0.002 U	0.066 J	0.54	0.001 U	0.008	150
	8/02	5.76	NA	12.9	711	5.0 U	5.0 U	5.0 U	5.0 U	12 J	5.0 U	5.0 U	12	NA	NA	NA	NA	NA	NA	NA
	11/02	6.50	6.53 J	11	651	5.0 U	5.0 U	5.0 U	5.0 U	9.0	5.0 U	6.0	15	NA	0.002 U	0.156	2.13	0.001 U	0.009	150
	2/03	6.34	NA	11.0	576	5.0 U	5.0 U	5.0 U	5.0 U	5.0	5.0 U	5.0 U	5	NA	NA	NA	NA	NA	NA	NA
	5/03	6.40	6.59 J	11.8	516	5.0 U	5.0 U	5.0 U	5.0 U	6.0	5.0 U	5.0 U	6	NA	0.002 U	0.135	1.7	0.001 U	0.018 U	110
	8/03	6.31	NA	12.8	587	1.0 U	1.0 U	1.0 U	1.0 U	5.7	1.0 U	3.8	10	NA	NA	NA	NA	NA	NA	NA
	11/03	6.33	6.55	11.7	632	2.3	1.0 U	1.0 U	1.0 U	6.0	1.0 U	4.4	13	NA	0.002 U	0.018	0.18	0.001 J	0.01	140
	2/04	6.36	NA	10.3	579	1.6	1.0 U	1.0 U	1.0 U	3.7	1.0 U	3.1	8	NA	NA	NA	NA	NA	NA	NA
	5/04	6.21	6.58 J	13.1	590	1.5	1.0 U	1.0 U	1.0 U	3.5	1.0 U	2.7	8	NA	0.002 U	0.055	0.57	0.001	0.006 U	72.2
	8/04	NA	NA	NA	NA	2.5	0.2 U	0.2 U	0.2 U	2.9	0.2 U	1.2	7	NA	NA	NA	NA	NA	NA	NA
	11/04	6.57	6.57 J	12.3	607	2.4	0.2	0.2 U	0.2 U	4.6	0.2 U	4.3	12	NA	0.002 U	0.066	0.82	0.001 U	0.009	165
	2/22/05	NA	NA	NA	NA	3.9	0.2 U	0.2 U	0.2 U	3.0	0.2 U	2.8	10	NA	NA	NA	NA	NA	NA	NA
01 Well	11/01	6.44	NA	12.1	929	28	5.0 U	5.0 U	5.0 U	35	5.0 U	23	86	NA	NA	NA	NA	NA	NA	NA
	2/02	6.73	NA	11.3	642	20	5.0 U	5.0 U	5.0 U	9.0	5.0 U	32	61	NA	NA	NA	NA	NA	NA	NA
	5/02	6.67	6.7 J	11.9	726	18	5.0 U	5.0 U	5.0 U	7.0	5.0 U	33	58	NA	0.002 U	0.005 U	0.25	0.001 U	12.5	210
	8/02	6.32	NA	11.6	1207	120 J	45 J	16 J	5.0 U	290 J	5.0 U	110 J	581	NA	NA	NA	NA	NA	NA	NA
	11/02	6.42	NA	12.8	850	35	8.0	5.0 U	5.0 U	59	5.0 U	35	137	NA	NA	NA	NA	NA	NA	NA
	2/03	6.40	NA	13.0	805	13	5.0 U	5.0 U	5.0 U	11	5.0 U	16	40	NA	NA	NA	NA	NA	NA	NA
	5/03	6.67	6.75 J	13.7	643	10	5.0 U	5.0 U	5.0 U	6.0	5.0 U	17	33	NA	0.002 U	0.005 U	0.26	0.003	6.17	140
	8/03	6.43	NA	11.8	1099	44	7.1	1.7	1.0 U	61	1.0 U	40	154	NA	NA	NA	NA	NA	NA	NA
	11/03	6.43	NA	11.2	881	35	8.8	3.3	1.0 U	58	1.0 U	29	134	NA	NA	NA	NA	NA	NA	NA
	2/04	6.39	NA	11.5	830	13	1.0 U	1.0 U	1.0 U	11	1.0 U	15	39	NA	NA	NA	NA	NA	NA	NA
	5/04	6.46	6.63 J	12.0	971	14	1.0 U	1.0 U	1.0 U	6.6	1.0 U	19	40	NA	0.002 U	0.005 U	8.34	0.064	26.4	361
	8/04	6.65	NA	14.0	1140	49	21	9.0	1.0 U	91	1.0 U	50	220	NA	NA	NA	NA	NA	NA	NA
	11/04	6.47	NA	11.4	819	21	6.5	3.7	1.0 U	30	1.0 U	24	85	NA	NA	NA	NA	NA	NA	NA
	2/22/05	6.52	NA	11.4	966	14	0.5	0.4 U	0.4 U	8.0	0.4 U	13	36	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Monitoring Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ²	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
AOI Well	11/01	6.27	NA	13.9	463	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/02	6.28	NA	13.5	379	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	5/02	6.39	6.4 J	13.8	381	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	0.002 U	0.005 U	0.14	0.001 U	2.05	46
	8/02	6.09	NA	12.9	475	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/02	6.18	NA	13	514	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/03	6.10	NA	12.4	521	5.0 U	5.0 U	5.0 U	5.0 U	6.0	5.0 U	5.0 U	6	NA	NA	NA	NA	NA	NA	NA
	5/03	6.22	6.42 J	12.7	434	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	ND	NA	0.002 U	0.005 U	0.24	0.004	2.26	52
	8/03	6.19	NA	15.0	482	5.0	1.8	1.0 U	1.0 U	9.2	1.0 U	5.6	22	NA	NA	NA	NA	NA	NA	NA
	11/03	6.11	NA	12.0	585	12	2.1	1.0 U	1.0 U	13	1.0 U	13	40	NA	NA	NA	NA	NA	NA	NA
	2/04	6.08	NA	12.5	559	12	4.0	1.3	1.0 U	18	1.0 U	12	47	NA	NA	NA	NA	NA	NA	NA
	5/04	6.06	6.47	13.7	572	12	2.8	1.0 U	1.0 U	14	1.0 U	9.8	39	NA	0.002 U	0.005 U	0.05 U	0.002	2.76	87.3
	8/04	6.67	NA	12.6	842	34	16	5.7	0.2 U	44	1.2	66	167	11	NA	NA	NA	NA	NA	NA
	11/04	6.59	NA	12.3	653	14	5.1	2.4	1.0 U	16	1.0 U	18	56	3.4 J	NA	NA	NA	NA	NA	NA
	2/22/05	6.65	6.41 J	12.5	493	4.6	1.1	0.4	0.2 U	4.6	0.2 U	5.0	16	5.0 U	0.002 U	0.005 U	0.16	0.001 U	0.806	61.4
TI Well	08/03 Diffusion 150' to 152'	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	08/03 Diffusion 165' to 167'	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	08/03 Diffusion 180' to 182'	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	6.99	NA	11.4	543	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/04	7.02	NA	11.2	484	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
2/22/05	7.10	NA	11.3	452	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA	NA
MW04-01	(76 feet bgs)	11/22/04	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(76 feet bgs)	2/20/05	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(86 feet bgs)	11/22/04	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(86 feet bgs)	2/20/05	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(96 feet bgs)	11/22/04	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(96 feet bgs)	2/20/05	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(106 feet bgs)	11/22/04	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	(106 feet bgs)	2/20/05	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
(116 feet bgs)	11/22/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/20/05	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA

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Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)						
						1,1-DCE	1,1-DCA	1,2-DCE ¹	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate	
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*	
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500	
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400	
MW04-02 (68 feet bgs)	11/22/04	NA	NA	NA	NA	0.3	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.6	NA	NA	NA	NA	NA	NA	NA	
	2/21/05	NA	NA	NA	NA	13	1.1	0.4	0.2 U	16	0.2 U	5.5	36	NA	NA	NA	NA	NA	NA	NA	
	(78 feet bgs)	11/22/04	NA	NA	NA	18	1.0	0.5	0.2 U	16	0.2 U	3.2	39	NA	NA	NA	NA	NA	NA	NA	
		2/21/05	NA	NA	NA	NA	14	1.7	0.8	0.2 U	22	0.2	14	53	NA	NA	NA	NA	NA	NA	
	(88 feet bgs)	11/22/04	NA	NA	NA	NA	16	1.2	0.6	0.2 U	20	0.2 U	5.8	44	NA	NA	NA	NA	NA	NA	
		2/21/05	NA	NA	NA	NA	14	1.7	0.8	0.2 U	23	0.2	17	57	NA	NA	NA	NA	NA	NA	
(98 feet bgs)	11/22/04	NA	NA	NA	NA	22	1.2	0.6	0.2 U	20	0.2 U	5.1	49	NA	NA	NA	NA	NA	NA	NA	
	2/21/05	NA	NA	NA	NA	30	3.8	1.7	0.2 U	48	0.5	23	107	NA	NA	NA	NA	NA	NA	NA	
MW04-03	(45 feet bgs)	11/22/04	NA	NA	NA	NA	38	1.5	0.7	0.2 U	40	0.2	17	97	NA	NA	NA	NA	NA	NA	
		2/23/05	NA	NA	NA	NA	23	1.5	0.6	0.2 U	33	0.2	17	75	NA	NA	NA	NA	NA	NA	
	(55 feet bgs)	11/22/04	NA	NA	NA	NA	47	1.8	0.8	0.2 U	51	0.3	23	124	NA	NA	NA	NA	NA	NA	
		2/23/05	NA	NA	NA	NA	28	1.8	0.7	0.2 U	40	0.3	20	91	NA	NA	NA	NA	NA	NA	
	(65 feet bgs)	11/22/04	NA	NA	NA	NA	82	2.8	1.2	0.2 U	82	0.4	38	206	NA	NA	NA	NA	NA	NA	
		2/23/05	NA	NA	NA	NA	42	2.5	1.1	0.2 U	54	0.4	27	127	NA	NA	NA	NA	NA	NA	
	(85 feet bgs)	11/22/04	NA	NA	NA	NA	84 J	3.1	1.4	0.2 U	90 J	0.5	40	219	NA	NA	NA	NA	NA	NA	
		2/23/05	NA	NA	NA	NA	53	3.6	1.4	0.2 U	68	0.6	34	161	NA	NA	NA	NA	NA	NA	
	(105 feet bgs)	11/22/04	NA	NA	NA	NA	62	3.0	1.3	0.2 U	95	0.4	47	209	NA	NA	NA	NA	NA	NA	
		2/23/05	NA	NA	NA	NA	54	3.5	1.5	0.2 U	71	0.5	38	169	NA	NA	NA	NA	NA	NA	
	(110 feet bgs)	11/22/04	NA	NA	NA	NA	62	3.2	1.4	0.2 U	94	0.5	46	207	NA	NA	NA	NA	NA	NA	
		2/23/05	NA	NA	NA	NA	59	3.6	1.4	0.2 U	74	0.5	35	174	NA	NA	NA	NA	NA	NA	
	(120 feet bgs)	11/22/04	NA	NA	NA	NA	62	3.0	1.4	0.2 U	97	0.4	48	212	NA	NA	NA	NA	NA	NA	NA
		2/23/05	NA	NA	NA	NA	55	3.3	1.3	0.2 U	73	0.5	33	166	NA	NA	NA	NA	NA	NA	NA
MW04-03 Bailor	2/23/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	

Notes:

NA = Not Analyzed or Not Available

ND = Not Detected

NS = No Standard

J = Indicates that value is an estimate either because quality control criteria were not met, or because the value was below the quantitation limit.

U = Indicates that the compound was analyzed for, but not detected.

UJ = The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is an approximate value.

bgs = Below Ground Surface

Bold font indicates result reported is above or equal to the MCL or the alternate cleanup level.

¹ Reference letter from State of Nebraska to Lindsay Manufacturing Company dated 12/14/00

² The EPA MCL for 1,2-DCE is the sum of the individual EPA MCLs for the cis-1,2-DCE (70 ug/L) and trans-1,2-DCE (100 ug/L) isomers.

* EPA secondary MCLs

1,1-DCE = 1,1-Dichloroethene

1,1-DCA = 1,1-Dichloroethane

1,2-DCE = total of cis-1,2-dichloroethene and trans-1,2-dichloroethene

1,2-DCA = 1,2-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

TCE = Trichloroethene

PCE = Tetrachloroethene

Total Volatile Organics = Sum of detected results for 1,1-DCE, 1,1-DCA, 1,2-DCE, 1,2-DCA, 1,1,1-TCA, TCE, and PCE

Table 4
Summary of Analytical Results for Domestic, Irrigation, and Stock Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ²	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
Beller Domestic (BFP)	11/02	6.69	NA	14.8	906	2.2	1.3	1.0 U	1.0 U	2.8	1.0 U	1.2	8	NA	NA	NA	NA	NA	NA	NA
	2/03	6.69	NA	13.4	746	2.3	1.4	1.0 U	1.0 U	3.0	1.0 U	9.3	16	NA	NA	NA	NA	NA	NA	NA
	8/03	6.67	6.97 J	14.8	802	2.0	1.4	1.0 U	1.0 U	2.3	1.0 U	6.8	13	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.007	39
	11/03	6.77	NA	13.1	780	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.9	4	NA	NA	NA	NA	NA	NA	NA
	2/04	6.49	6.81 J	7.7	785	1.0	1.0 U	1.0 U	1.0 U	1.2	1.0 U	4.9 J	7	NA	0.002 U	0.005 U	0.05 U	0.001	0.018 J	46
	5/04	6.75	7.01 J	12.8	761	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.7	8	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.007	41.3 J
	8/04	6.87	6.89	12.9	824	0.7	0.4	0.2 U	0.2 U	0.9	0.2 U	3.5	6	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.007	39
	9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 UJ	NA	NA	NA	NA	NA	NA
	11/7/2004	6.62	6.95 J	17.3	741	0.6	0.4	0.2 U	0.2 U	0.8	0.2 U	3.1	5	2.0 UJ	0.002 U	0.005 U	0.05 U	0.001 U	0.007	42.8
	2/20/2005	6.78	6.93 J	12.5	828	0.9	0.5	0.2 U	0.2 U	0.8 J	0.2 U	4.2	6	5.0 U	0.002 U	0.005 U	0.05 U	0.001	0.007	41.2
Beller Domestic (AFF)	08/03	6.79	NA	13.4	801	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/04	6.57	NA	9.5	798	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2	2	NA	NA	NA	NA	NA	NA	NA
	4/04	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.6	2	NA	NA	NA	NA	NA	NA	NA
	5/04	6.82	NA	12.3	763	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1	NA	NA	NA	NA	NA	NA	NA
	8/04	6.91	NA	12.8	821	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.3	NA	NA	NA	NA	NA	NA	NA
	9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 UJ	NA	NA	NA	NA	NA	NA
	11/7/2004	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.4	NA	NA	NA	NA	NA	NA	NA
	2/20/2005	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.5	0.5	NA	NA	NA	NA	NA	NA	NA
Beller Domestic (ALF)	09/02	NA	NA	NA	NA	1.4	1.0 U	1.0 U	1.0 U	1.8	1.0 U	4.2	7	NA	NA	NA	NA	NA	NA	NA
	11/02	6.74	NA	14.0	902	1.8	1.0	1.0 U	1.0 U	1.0 U	1.0 U	7	14	NA	NA	NA	NA	NA	NA	NA
	8/03	6.87	NA	13.0	800	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/03	6.73	NA	11.1	777	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/04	6.64	NA	10.6	795	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	5/04	6.83	NA	12.3	764	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	7.00	NA	13.2	812	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 UJ	NA	NA	NA	NA	NA	NA
	11/7/2004	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	3.0 UJ	NA	NA	NA	NA	NA	NA
	2/20/2005	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	ND	5.0 U	NA	NA	NA	NA	NA	NA
Beller Old Stock	09/02	NA	NA	NA	NA	21	6.9	1.0 U	1.0 U	29	1.0 U	65	122	NA	NA	NA	NA	NA	NA	NA
	11/02	6.75	NA	10.9	825	20	7.8	1.0 U	1.0 U	30	1.0 U	86	144	NA	NA	NA	NA	NA	NA	NA
Beller New Stock (G122015)	08/03	6.67	NA	14.2	720	33	15	1.0 U	1.0 U	47	1.3	130	226	NA	NA	NA	NA	NA	NA	NA
	8/04	6.82	NA	16.6	771	20	8.8	1.0 U	1.0 U	23	1.0 U	53	105	NA	NA	NA	NA	NA	NA	NA
	11/8/2004	6.91	6.76 J	10.5	863	38	16	1.5	1.0 U	31	1.5	120	208	NA	0.002 U	0.005 U	0.05 U	0.005 U	0.033	69.1
	2/22/2005	6.70	NA	10.6	682	32	13	1.4	1.0 U	36	1.2	110	194	16	NA	NA	NA	NA	NA	NA
Beller East Irrigation (#67535)	08/03	6.81	NA	13.9	535	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	1/04	6.85	NA	12.3	507	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Beller Irrigation (#54278)	8/03	6.81	NA	13.9	535	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	NA	NA	NA	NA	NA	NA	NA
	11/8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Beller Irrigation (#54278) Retro to Stock Well	2/20/05	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Beller Stock Tank Pen #6	11/8/2004	NA	NA	NA	NA	29	14	1.4	1.0 U	27	1.3	120	193	NA	NA	NA	NA	NA	NA	NA
	2/20/2005	NA	NA	NA	NA	25	11	1.5	1.0 U	29	1.0	88	156	14	NA	NA	NA	NA	NA	NA
Beller Stock Tank Pen #7	11/8/2004	NA	NA	NA	NA	31	15	1.4	1.0 U	27	1.3	110	186	NA	NA	NA	NA	NA	NA	NA
	2/20/2005	NA	NA	NA	NA	22	10	1.4	1.0 U	26	0.9 J	76	136	15	NA	NA	NA	NA	NA	NA

Table 4
Summary of Analytical Results for Domestic, Irrigation, and Stock Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ²	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
Preister's Old Domestic	11/01	6.84	7.0 J	16.1	949	38 J	4.7	2.2	0.3 J	77 J	0.5	37 J	160	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.046	130
	2/02	6.63	7.0 J	9.0	981	51	5.2	2.4	1.0 U	94	1.0 U	49	202	NA	0.002 U	0.005 U	0.05 U	0.001	0.009	120
	5/02	6.92	6.9 J	13.8	818	80	7.2	3.1	1.0 U	130	1.0 U	63	283	NA	0.002 U	0.011 J	0.05 U	0.004	0.020	170
	8/02	6.52	7.20 J	15.5	820	30 J	3.0 J	3.0 UJ	3 UJ	54 J	3.0 UJ	30 J	117	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.009	87
	9/02	NA	NA	NA	NA	29	2.8	1.0	1.0 U	53	1.0 U	24	110	NA	NA	NA	NA	NA	NA	NA
	11/02	7.07	7.02 J	13.6	749	27	2.9	1.5	1.0 U	50	1.0 U	28	109	NA	0.002 U	0.005 U	0.05 U	0.001	0.006	87
	2/03	6.75	7.12 J	12.9	827	24	2.8	1.4	1.0 U	47	1.0 U	27	102	NA	0.002 U	0.005 U	0.05 U	0.002	0.013	100
	5/03	6.81	7.05 J	14.2	722	40	3.9	1.9	1.0 U	71	1.0 U	41	158	NA	0.002 U	0.005 U	0.05 U	0.003	0.014 U	110
	08/03	6.76	7.09 J	15.2	734	18	2.1	1.0 U	1.0 U	33	1.0 U	19	72	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.008	72
	4/04	NA	NA	NA	NA	11	1.2	1.0 U	1.0 U	15 J	1.0 U	14	41	NA	NA	NA	NA	NA	NA	NA
	5/04	6.86	NA	12.3	717	13	1.5	1.0 U	1.0 U	20	1.0 U	14	49	NA	NA	NA	NA	NA	NA	NA
	8/04	7.11	NA	12.8	772	10	1.1	0.5	0.4 U	18	0.4 U	11	41	NA	NA	NA	NA	NA	NA	NA
	11/10/2004	6.73	NA	11.7	790	8.5	1.0	0.4	0.2 U	14	0.2 U	8.3	32	NA	NA	NA	NA	NA	NA	NA
	2/20/2005	7.03	NA	10.9	770	8.4	0.9	0.4	0.2 U	9.8	0.2 U	8.7	28	NA	NA	NA	NA	NA	NA	NA
Preister's Old Domestic (AF)	11/01	6.98	7.1 J	16.5	951	1.2	1.0	0.2 U	0.2 U	5.8	0.2 U	0.2 U	8	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.019	130
	02/02	6.80	7.1 J	10.1	970	1.1	0.6	0.2 U	0.2 U	3.6	0.2 U	0.2 U	5	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.008	140
	05/02	6.92	6.9 J	15.7	860	1.9	1.2	0.2 U	0.2 U	9.2	0.2 U	0.2 U	12	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.006	180
	08/02	6.60	7.21 J	14.7	834	31 J	4.3 J	1.0 J	0.2 UJ	69 J	0.2 UJ	0.2 UJ	105	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.007	88
	09/02	NA	NA	NA	NA	26	3.4	1.0 U	1.0 U	49	1.0 U	1.0 U	78	NA	NA	NA	NA	NA	NA	NA
	11/02	7.10	7.12 J	13.8	773	16	2.3	1.0 U	1.0 U	29	1.0 U	1.0 U	47	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	88
	05/03	6.86	7.10 J	13.9	737	16	1.8	1.0 U	1.0 U	23	1.0 U	1.0 U	41	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.007 U	110
	8/03	6.88	7.20 J	14.1	759	27	3.3	1.2	1.0 U	47	1.0 U	1.0 U	79	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	72
Preister's Domestic 2003 (BFF)	8/03	6.89	7.10 J	13.2	729	2.4	1.0 U	1.0 U	1.0 U	4.7	1.0 U	3.3	10	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	53
	11/03	6.84	7.06 J	11.1	691	1.4	1.0 U	1.0 U	1.0 U	2.6	1.0 U	1.5	6	NA	0.002 U	0.005 U	0.05 U	0.002	0.047	44
	2/04	6.82	6.92 J	10.8	698	1.1	1.0 U	1.0 U	1.0 U	1.6	1.0 U	1.3	4	NA	0.002 U	0.005 U	0.05 U	0.013	0.010 J	45
	5/04	6.93	7.07 J	12.1	682	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.6	2	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.008	52.6
	8/04	7.06	7.09	12.0	740	1.0	0.5	0.2 U	0.2 U	1.8	0.2 U	1.4	5	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	46.2
	9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1 J	NA	NA	NA	NA	NA	NA
	11/7/2004	6.73	7.11 J	13.4	695	0.6	0.4	0.2 U	0.2 U	1.0	0.2 U	0.9	3	2.5 UJ	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	43.4
	2/20/2005	6.96	6.97 J	12.1	719	0.6	0.4	0.2 U	0.2 U	0.8 J	0.2 U	0.8	3	5.0 U	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	43.6
Preister's Domestic 2003 (AFF)	2/20/05 (DUP)	6.96	NA	12.1	719	0.7	0.4	0.2 U	0.2 U	0.8	0.2 U	0.8	3	NA	NA	NA	NA	NA	NA	NA
	8/03	6.92	NA	13.3	711	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	2/04	6.69	NA	12.3	697	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	5/04	6.99	NA	12.1	690	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	7.17	NA	11.7	747	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 UJ	NA	NA	NA	NA	NA	NA
	11/7/2004	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Preister's Domestic 2003 (ALF)	2/20/2005	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	08/03	6.79	NA	12.4	732	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/03	6.87	7.10 J	10.0	699	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	0.002 U	0.005 U	0.05 U	0.001 U	0.006 U	42
	2/1/2004	6.70	NA	13.0	685	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	5/1/2004	7.11	NA	13.0	685	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/1/2004	7.26	NA	11.8	747	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 UJ	NA	NA	NA	NA	NA	NA
	11/7/2004	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	1.0 UJ	NA	NA	NA	NA	NA	NA
Preister's Domestic 2003 (ALF)	2/20/2005	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	ND	5.0 U	NA	NA	NA	NA	NA	NA

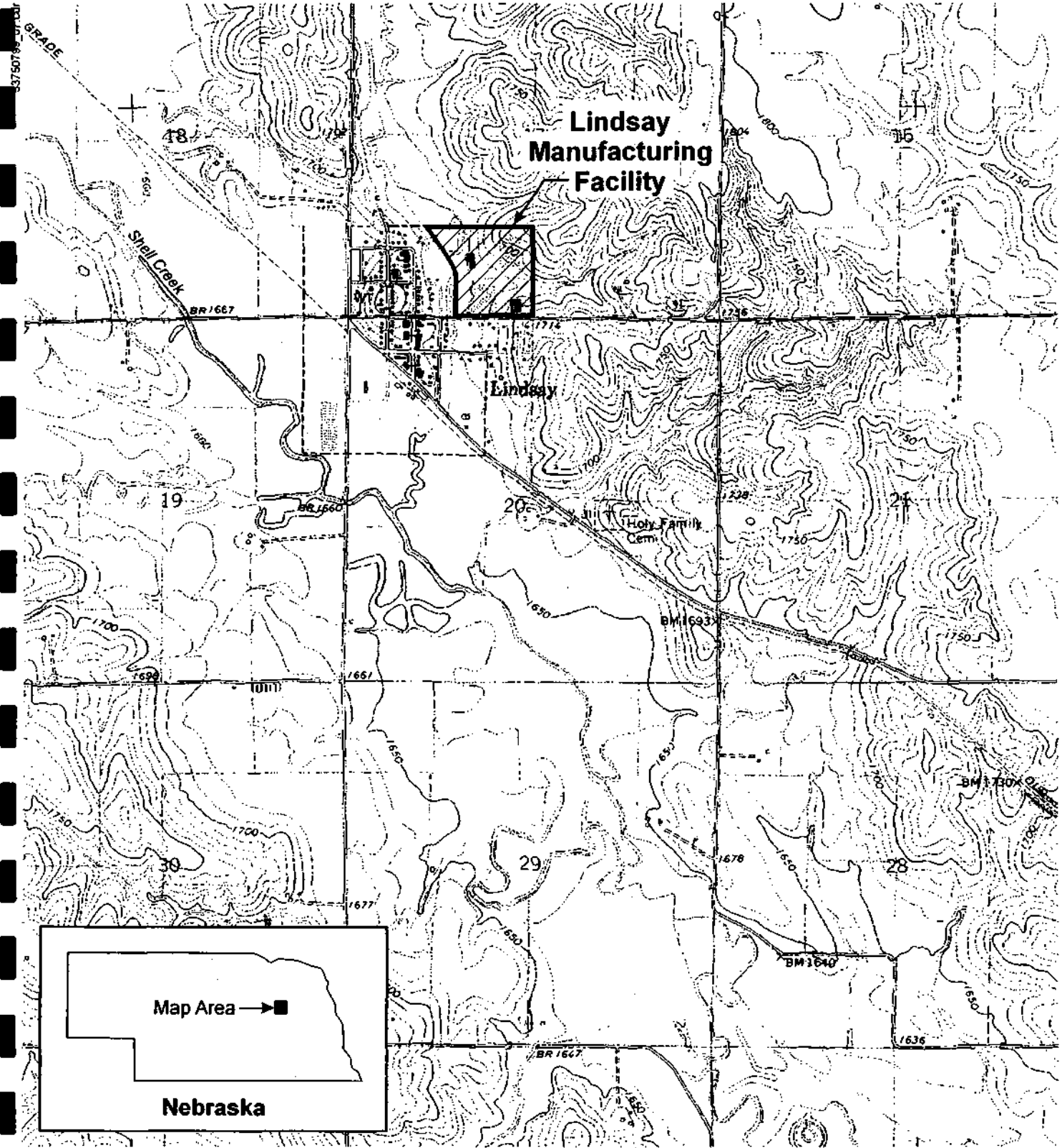
Table 4
Summary of Analytical Results for Domestic, Irrigation, and Stock Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)										Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate	
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*	
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500	
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400	
Preister's Stock	10/02	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	08/03	6.91	NA	14	695	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	8/04	7.18	NA	12.8	724	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	NA	NA	NA	NA	NA	NA	NA	
Preister's Old Irrigation	02/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.6	1.0 U	3.4	5	NA	NA	NA	NA	NA	NA	NA	
	08/03	6.56	NA	13	749	1.3	1.0 U	1.0 U	1.0 U	2.0	1.0 U	5.4	9	NA	NA	NA	NA	NA	NA	NA	
	8/04	NA	NA	NA	NA	0.5	0.4	0.2 U	0.2 U	0.8	0.2 U	2.5	4	NA	NA	NA	NA	NA	NA	NA	
Prekster's New Irrigation (G127000)	(48 feet)	4/04	NA	NA	NA	18	1.0 U	1.0 U	1.0 U	24 J	1.0 U	12	54	NA	NA	NA	NA	NA	NA	NA	
	(70 feet)	4/04	NA	NA	NA	58	3.1	1.3	1.0 U	71 J	1.0 U	20	153	NA	NA	NA	NA	NA	NA	NA	
	(92 feet)	4/04	NA	NA	NA	100	6.0	2.9	1.0 U	130 J	1.0	44	284	NA	NA	NA	NA	NA	NA	NA	
		5/04	6.69	NA	11.9	855	56	3.8	1.4	1.0 U	92	50	203	NA	NA	NA	NA	NA	NA	NA	
		8/04	NA	NA	NA	NA	9.0	0.6	0.2	0.2 U	15	8.2	33	NA	NA	NA	NA	NA	NA	NA	
		9/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.3 J	NA	NA	NA	NA	NA	NA	
		11/10/2004	NA	NA	NA	NA	83	5.5	2.4	0.2 U	110	30	232	NA	NA	NA	NA	NA	NA	NA	
		2/22/2005	7.18	6.91	10.9	766	41	2.7	1.0 U	64	1.0 U	42	150	4.7 J	0.002 U	0.005 U	0.26	0.002	0.081	159	
	(G127000-Pivot)	8/1/2004	6.90	NA	11.6	804	24	1.8	1.0 U	38	1.0 U	23	87	NA	NA	NA	NA	NA	NA	NA	
Old Moravec Domestic	10/02	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	12/02	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA	
Doug Beller Domestic	10/02	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
Weylan Neal Irrigation (G31798)	08/03	NA	NA	NA	NA	21	1.5	1.0 U	1.0 U	40	1.0 U	18	81	NA	NA	NA	NA	NA	NA	NA	
	4/04	NA	NA	NA	NA	14	1.0 U	1.0 U	1.0 U	20 J	1.0 U	14	48	NA	NA	NA	NA	NA	NA	NA	
	8/04	NA	NA	NA	NA	23	1.6	1.0 U	1.0 U	36	1.0 U	20	81	NA	NA	NA	NA	NA	NA	NA	
	11/9/2004	NA	NA	NA	NA	27	1.7	1.0 U	1.0 U	34	1.0 U	22	85	NA	NA	NA	NA	NA	NA	NA	
Anthony Klassen Irrigation (G33172)	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	4/04	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	8/04	NA	NA	NA	NA	0.6	0.2 U	0.2 U	0.2 U	1.0	0.2 U	0.5	2	NA	NA	NA	NA	NA	NA	NA	
	11/9/2004	NA	NA	NA	NA	0.6	0.2 U	0.2 U	0.2 U	1.1	0.2 U	0.7	2	NA	NA	NA	NA	NA	NA	NA	
John Klassen Irrigation (G56241)	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	4/04	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA	
	11/9/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA	
Jim Klassen Domestic	8/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
Jim Klassen Irrigation	8/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
Ron Pfeifer Domestic	10/02	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	2/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA	
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA	

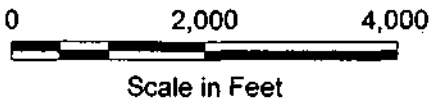
Table 4
Summary of Analytical Results for Domestic, Irrigation, and Stock Wells
Lindsay Manufacturing Company

Well ID	Date Collected	pH (field)	pH (lab)	Water Temperature (C°) (field)	Specific Conductivity (umhos/cm) (field)	Organic Analyses (ug/L)									Inorganic Analyses (mg/L)					
						1,1-DCE	1,1-DCA	1,2-DCE ¹	1,2-DCA	1,1,1-TCA	TCE	PCE	Total Volatile Organics	1,4-Dioxane	Cadmium	Chromium	Iron	Lead	Zinc	Sulfate
EPA MCL		-	-	NS	NS	7	NS	170	5	200	5	5	-	NS	0.005	0.05	0.3*	0.05	5.0*	250*
Alternate Cleanup Level ¹ - On Property		≥ 5.0	≥ 5.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	10	NE	NE	500
Alternate Cleanup Level ¹ - Off Property		≥ 6.3	≥ 6.3	NE	NE	NE	NE	NE	NE	NE	NE	NE	-	-	NE	NE	1	NE	NE	400
Ron Pfeifer Irrigation (#68239)	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Ben Pfeifer Domestic	2/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
Richard Wagner Irrigation	8/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Martischang Irrigation	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
	11/10/2004	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Tom Jareki Domestic	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Ed Laetkenhaus Domestic	2/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
Dave Chobon Domestic	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Lester Kopecky Domestic	08/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
	8/04	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	NA	NA	NA	NA	NA	NA	NA
Tom Medstrik Domestic	8/03	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	ND	NA	NA	NA	NA	NA	NA	NA
Surface Discharge Klassen East	1/31/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA
Surface Discharge Klassen West	1/31/05	NA	NA	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	ND	5.0 U	NA	NA	NA	NA	NA	NA

Notes:
NA = Not Analyzed or Not Available
ND = Not Detected
NS = No Standard
J = Indicates that value is an estimate either because quality control criteria were not met, or because the value was below the quantitation limit.
U = Indicates that the compound was analyzed for, but not detected.
UJ = The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is an approximate value.
Bold font indicates result reported is above or equal to the MCL or the alternate cleanup level.
¹ Reference letter from State of Nebraska to Lindsay Manufacturing Company dated 12/14/00
² The EPA MCL for 1,2-DCE is the sum of the individual EPA MCLs for the cis-1,2-DCE (70 ug/L) and trans-1,2-DCE (100 ug/L) isomers.
* EPA secondary MCLs
1,1-DCE = 1,1-Dichloroethene
1,1-DCA = 1,1-Dichloroethane
1,2-DCE = total of cis-1,2-dichloroethene and trans-1,2-dichloroethene
1,2-DCA = 1,2-Dichloroethane
1,1,1-TCA = 1,1,1-Trichloroethane
TCE = Trichloroethene
PCE = Tetrachloroethene
Total Volatile Organics = Sum of detected results for 1,1-DCE, 1,1-DCA, 1,2-DCE, 1,2-DCA, 1,1,1-TCA, TCE, and PCE



SOURCE: USGS 7.5-minute topographic map, Lindsay, Nebraska, revised 1985

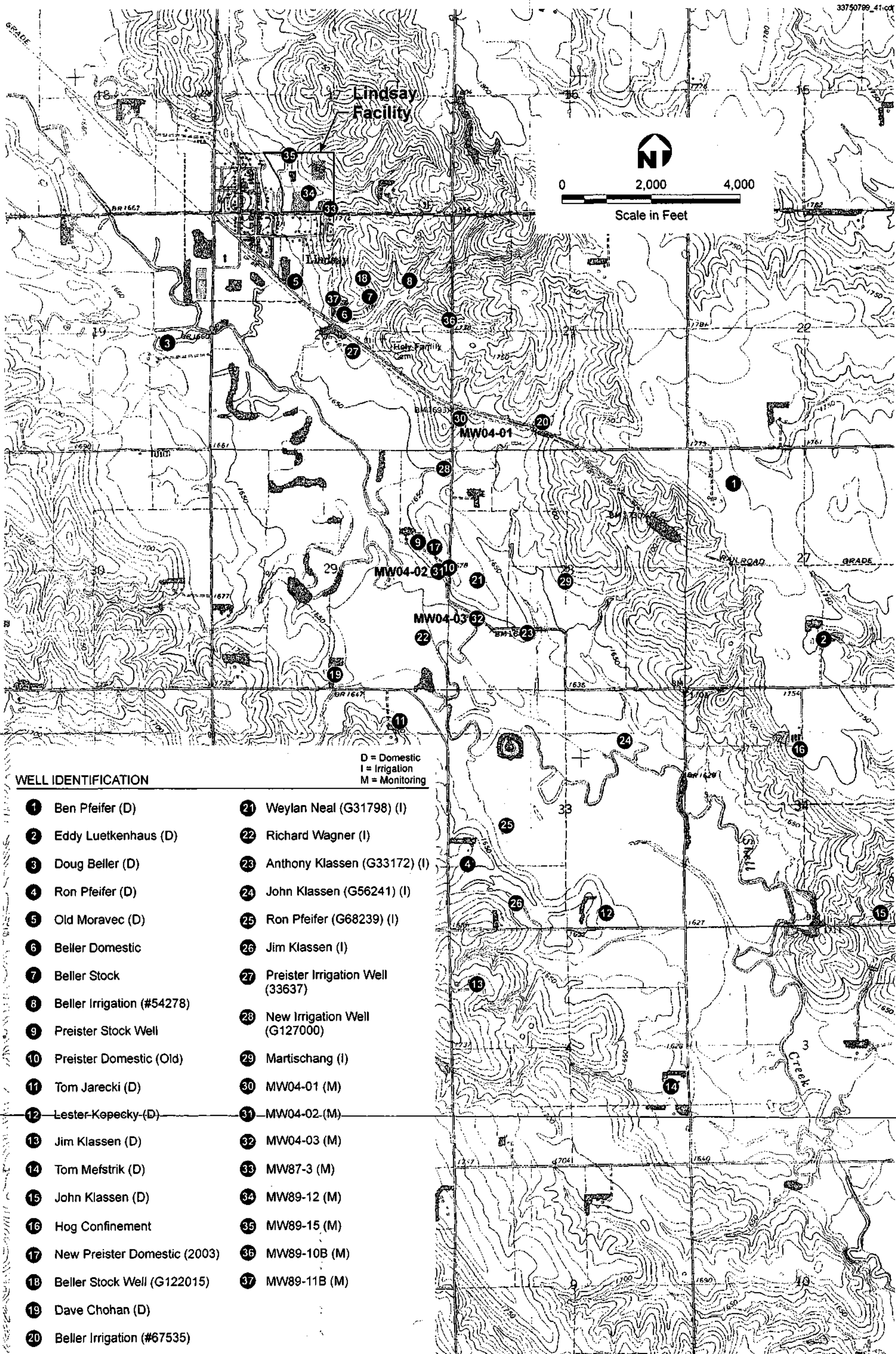


Job No. 33750799

Figure 1
Vicinity Map



Lindsay Manufacturing
Lindsay, Nebraska



SOURCE: USGS 7.5-minute topographic map, Lindsay, Nebraska, revised 1985

Job No. 33750799

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Figure 2
Well Locations Downgradient of Facility

Lindsay Manufacturing
Lindsay, Nebraska

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Job No. 33750799

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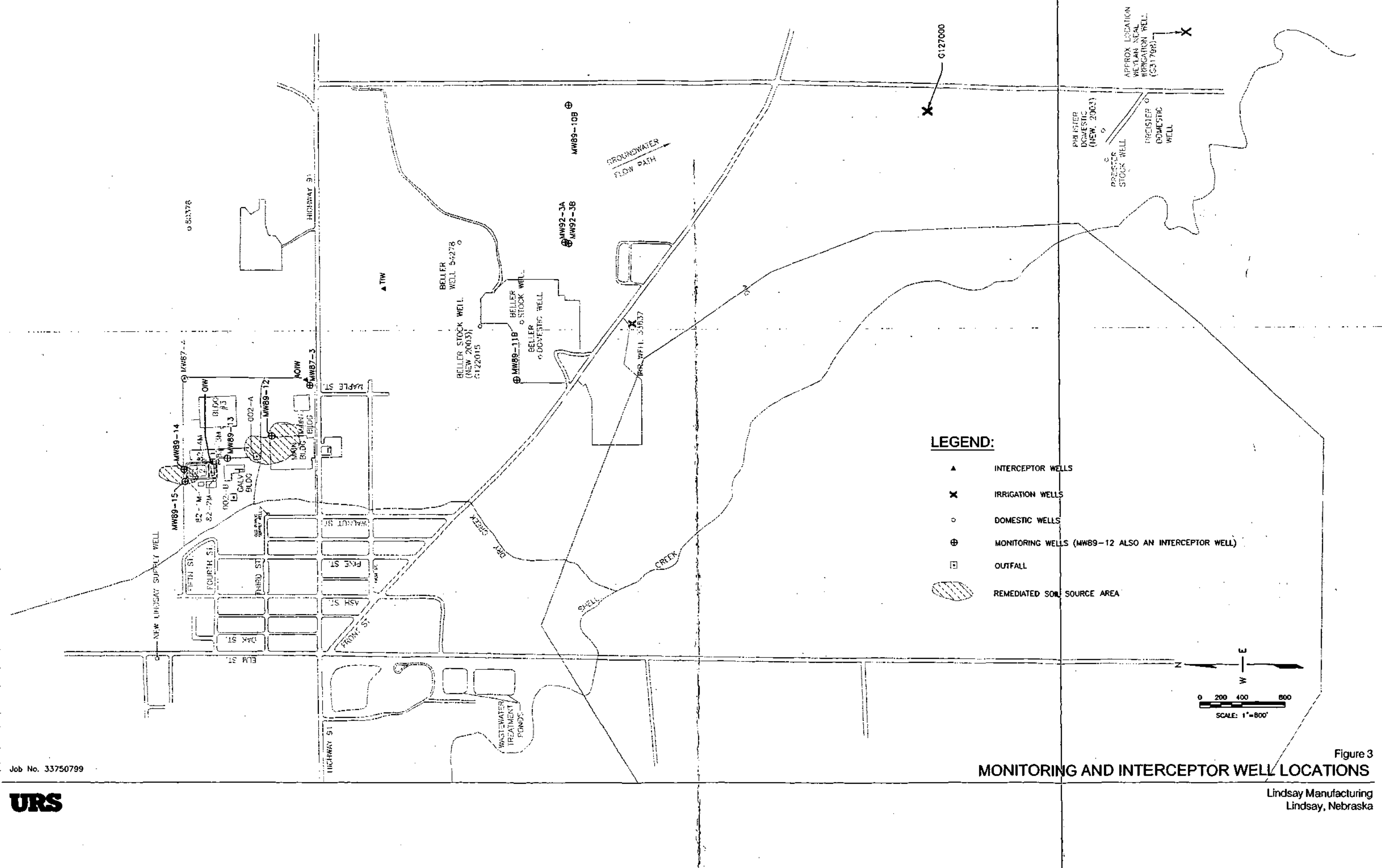


Figure 3
MONITORING AND INTERCEPTOR WELL LOCATIONS
Lindsay Manufacturing
Lindsay, Nebraska

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Job No. 33750799

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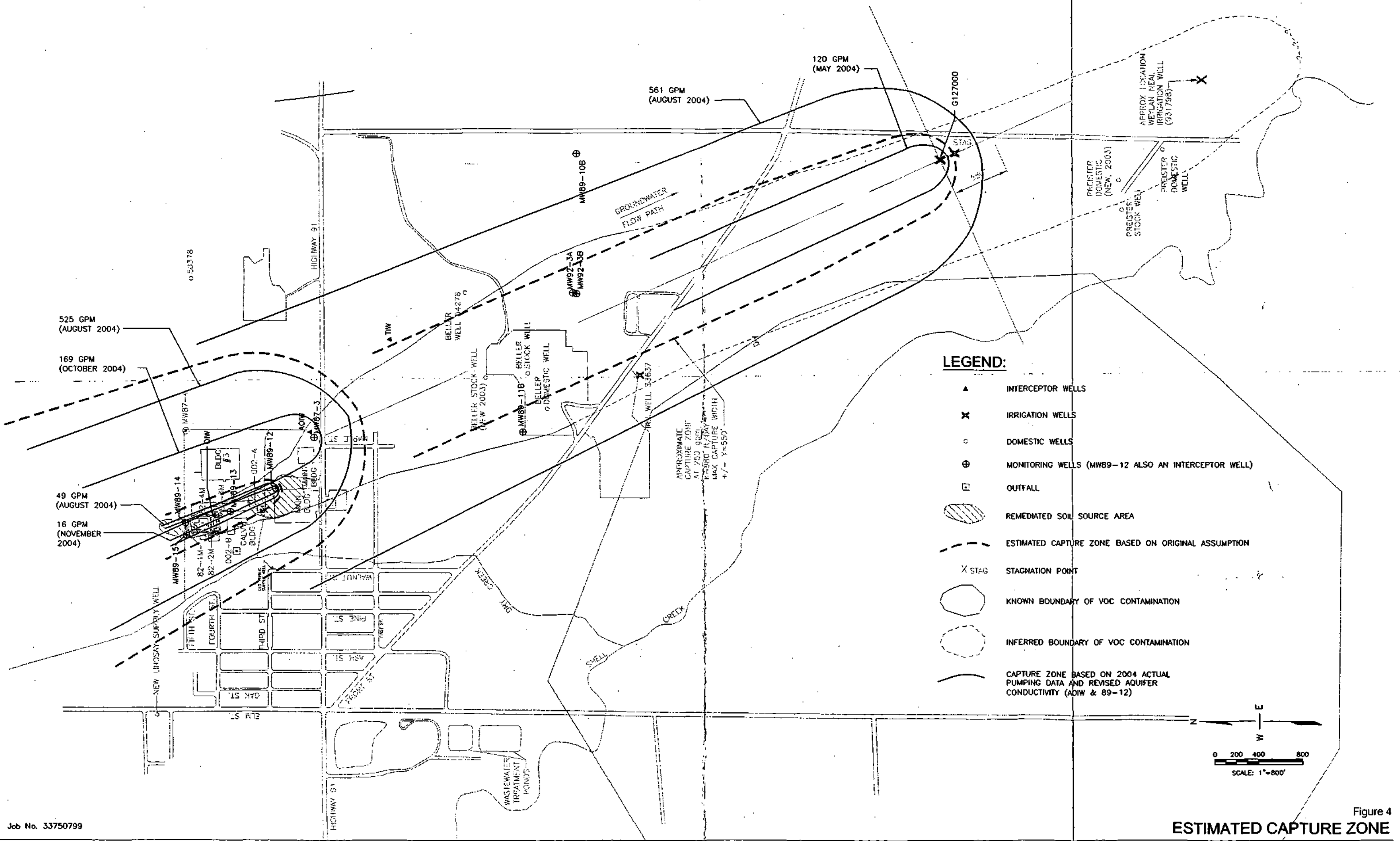
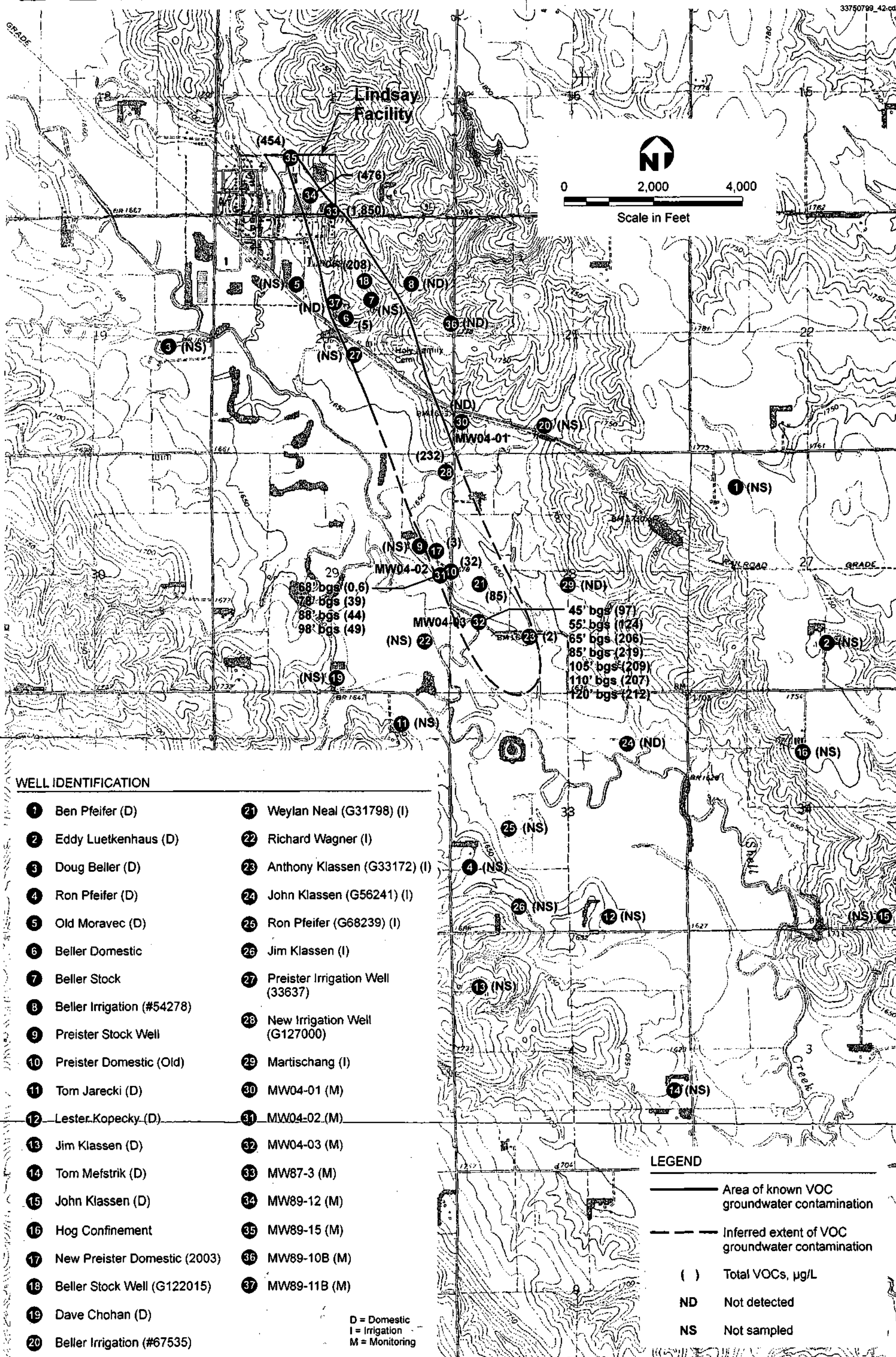


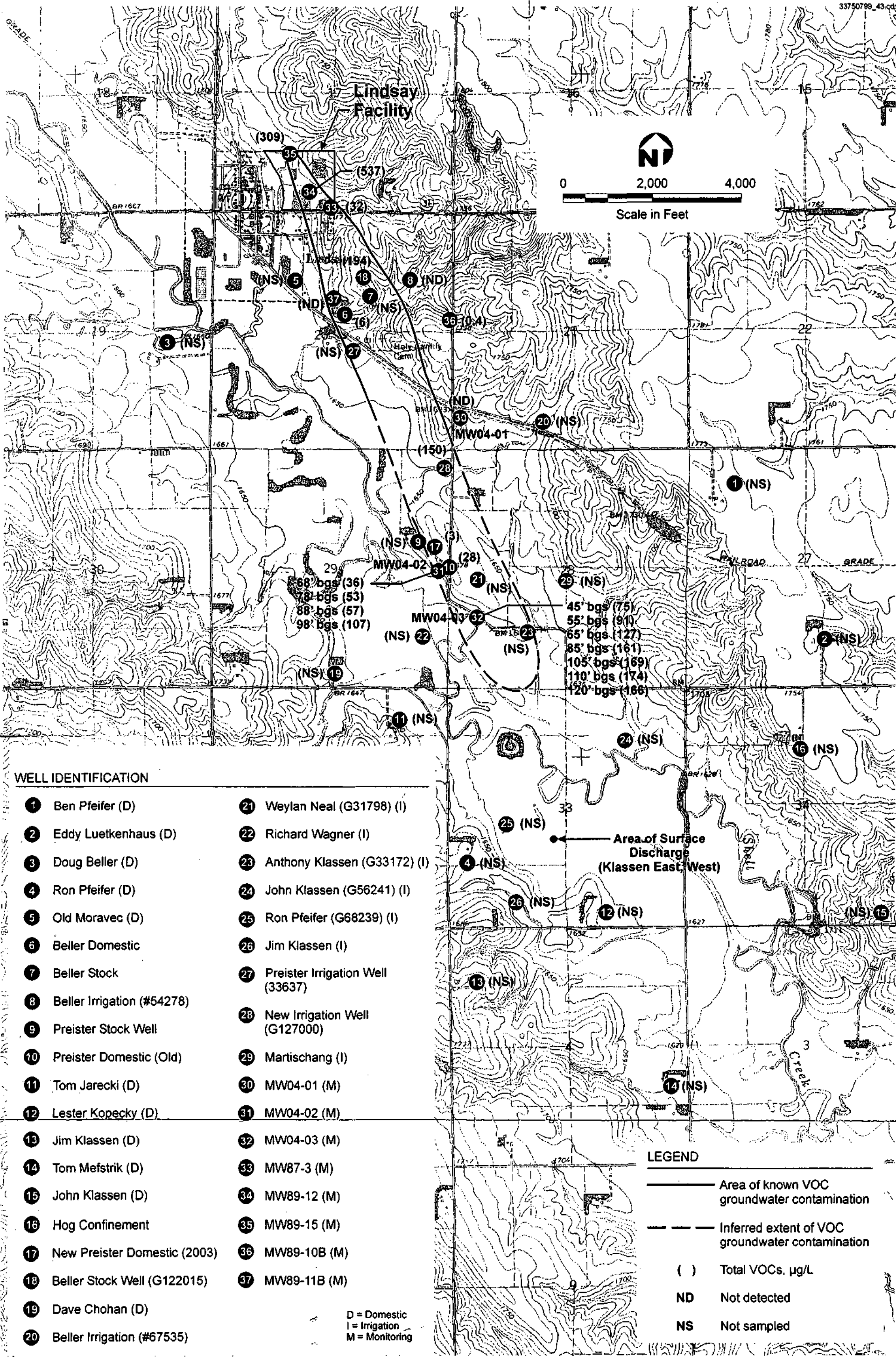
Figure 4
ESTIMATED CAPTURE ZONE
Lindsay Manufacturing
Lindsay, Nebraska



SOURCE: USGS 7.5-minute topographic map, Lindsay, Nebraska, revised 1985

Job No. 33750799

Figure 5
Total VOC Concentrations (November 2004)



SOURCE: USGS 7.5-minute topographic map, Lindsay, Nebraska, revised 1985

Job No. 33750799

Figure 6
Total VOC Concentrations (February 2005)

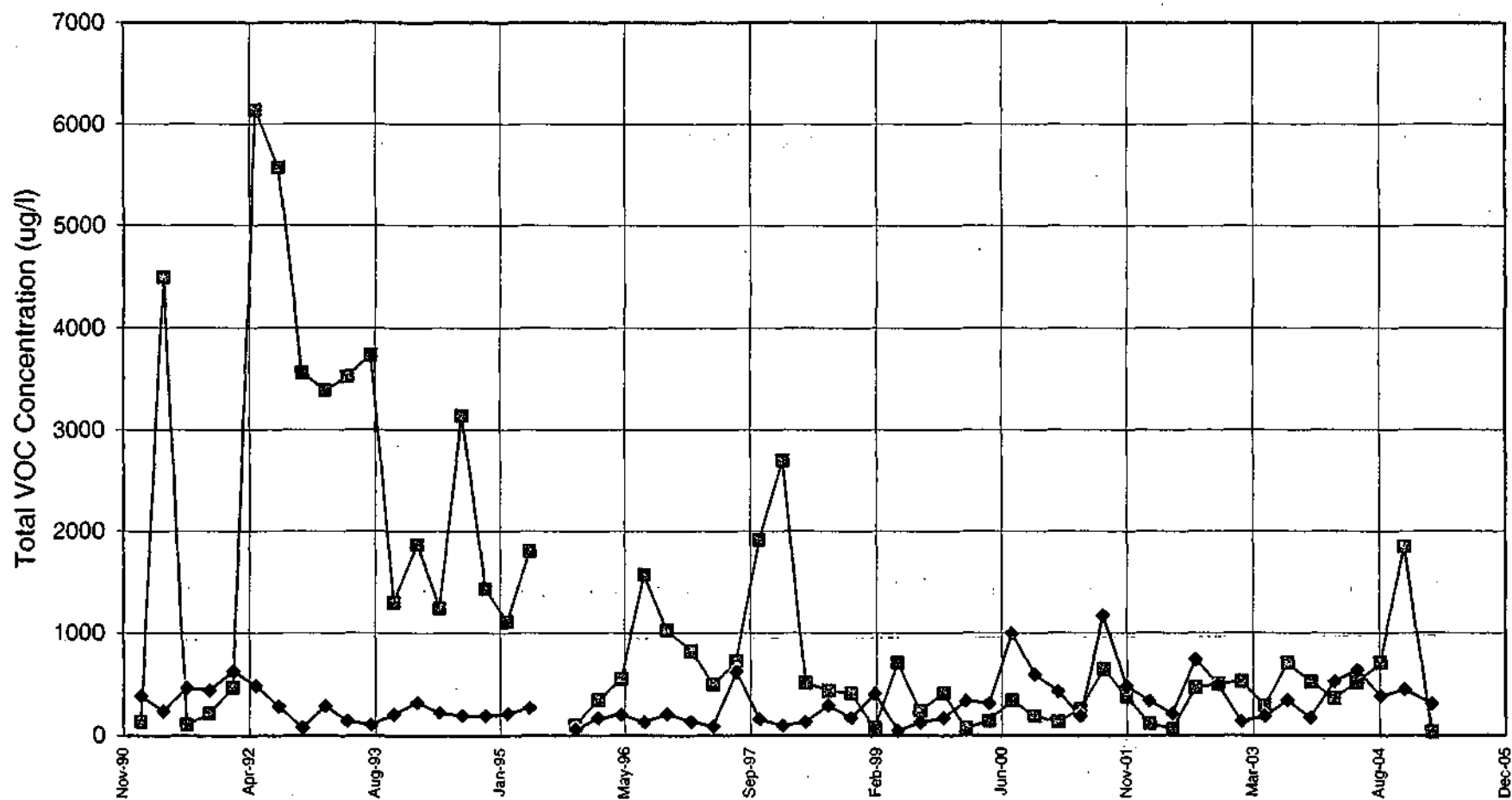
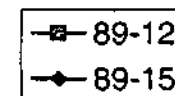


Figure 7
MW89-12 and MW89-15 Concentration Trends
Lindsay Manufacturing
Lindsay, Nebraska



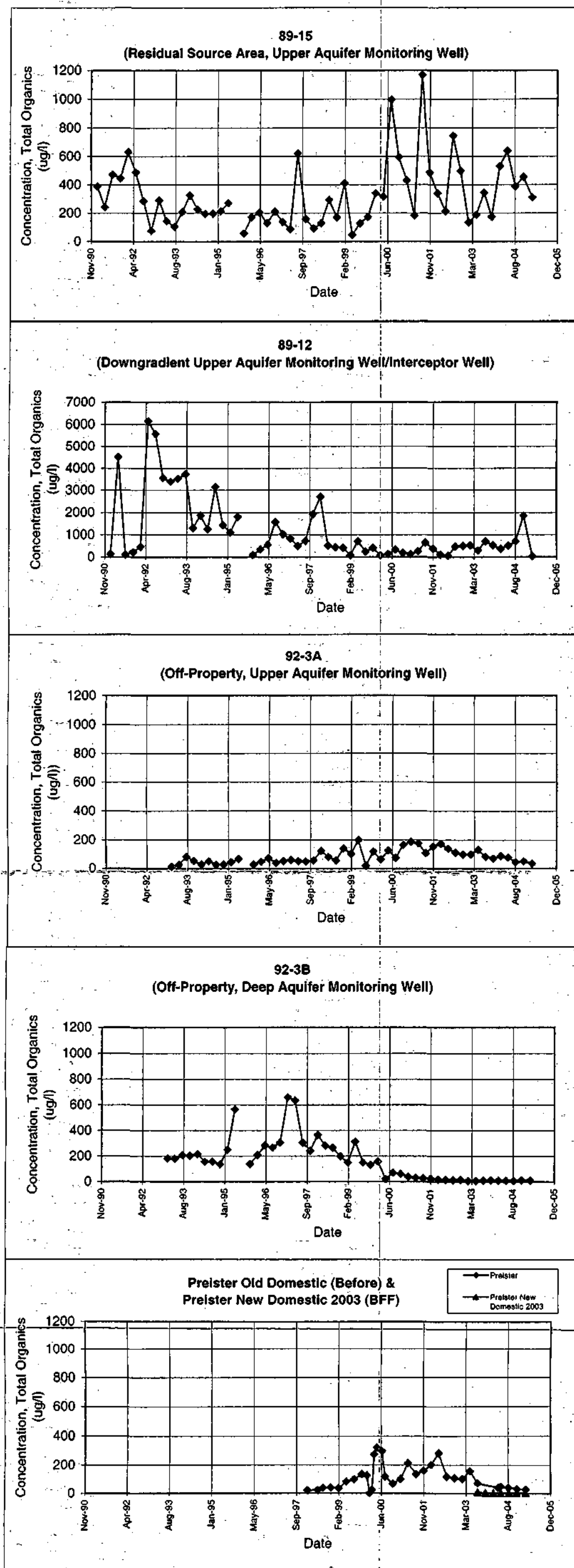


Figure 8
Concentration/Time Trends for Total Volatile Organics for Wells MW89-15, MW89-12, 92-3A, 92-3B, and Preister's Domestic (Before) Lindsay Manufacturing Lindsay, Nebraska

APPENDIX A
Capture Zone Calculations

**Estimation of Capture Area Existing Interception Wells
Lindsay Manufacturing
Lindsay, Nebraska
Project # 33750799**

Date: April 6, 2005
Author: Vance Atkins
Technical Review by: Ty Griffith

Known Conditions and Assumptions:

Well G127000:

Range of Hydraulic conductivities based on findings of June, 2004 48-hour pumping test.
Calculated Aquifer Transmissivity range = 38,000 (pumping) to 44,000 (recovery) ft^2/day
Calculated hydraulic conductivity (K) by dividing transmissivity by observed aquifer thickness (50 feet)
K range = 760 to 880 ft/day
Hydraulic gradient estimated based on observed aquifer conditions and observed travel times of VOCs

Well 89-12:

Hydraulic conductivity revised from previous calculations
Revised values based on findings of June, 1984 72-hour pumping test of Well OIW (Dames & Moore, 1990, RI/FS Table 3.6-2)
Calculated Aquifer Transmissivity = 176,000 gpd/ft = 23,500 ft^2/day (based on transmissivity observed as Well P-9, approximately 90 feet southeast of 89-12 location)
Aquifer thickness = 45 feet (based on thickness observed at Well 92-2, approximately 90 feet southeast of 89-12 location) (Well 89-12 does not fully penetrate aquifer)
Calculated hydraulic conductivity by dividing transmissivity by observed aquifer thickness (45 feet)
K = 520 ft/day
Hydraulic gradient based on surveyed wellhead elevations and groundwater measurements

Well AOIW:

Hydraulic conductivity revised from previous calculations
Revised values based on findings of February, 1989 step-drawdown and constant-rate pumping tests of Well AOIW (Dames & Moore, 1990, RI/FS Table 3.6-4)
Calculated average Aquifer Transmissivity = 165,000 gpd/ft = 22,060 ft^2/day
Aquifer thickness = 40 feet (based on thickness observed during drilling)
Calculated hydraulic conductivity by dividing transmissivity by observed aquifer thickness (40 feet)
K = 550 ft/day
Hydraulic gradient based on surveyed wellhead elevations and groundwater measurements

Analytical Method: Based on known conditions and stated assumptions.

The capture area was evaluated based on planned and actual pumping rates for the three wells using standard equations from Todd (1980) and others.

The attached calculation sheets document the formulas, the numeric values used for aquifer parameters, and the results.

Revised capture radius based on 2004 pumping records: Well G127000
Lindsay Manufacturing
Lindsay, Nebraska
Project # 33750799

Date: April 6, 2005

Definition of Variables used to estimate withdrawal rate and capture radius

	Planned pumping rate (250 gpm)				May pumping rate (120 gpm)				June pumping rate (398 gpm)				July pumping rate (294 gpm)				August pumping rate (561 gpm)				September pumping rate (188 gpm)			
	Symbol	Range of Values		units	Symbol	Range of Values		units	Symbol	Range of Values		units	Symbol	Range of Values		units	Symbol	Range of Values		units	Symbol	Range of Values		units
Hydraulic Conductivity (from 72-hour pump test)	K	760	880	ft/day	K	760	880	ft/day	K	760	880	ft/day	K	760	880	ft/day	K	760	880	ft/day	K	760	880	ft/day
Aquifer thickness (observed during drilling)	b	50	50	ft	b	50	50	ft	b	50	50	ft	b	50	50	ft	b	50	50	ft	b	50	50	ft
Hydraulic gradient (assumed based on aquifer conditions)	i	0.001	0.001	ft/ft	i	0.001	0.001	ft/ft	i	0.001	0.001	ft/ft	i	0.001	0.001	ft/ft	i	0.001	0.001	ft/ft	i	0.001	0.001	ft/ft
	Q	48,100	48,100	ft ³ /day	Q	23,100	23,100	ft ³ /day	Q	76,600	74,100	ft ³ /day	Q	56,600	56,600	ft ³ /day	Q	108,000	108,000	ft ³ /day	Q	36,200	36,200	ft ³ /day

To estimate capture we used the following equations from "Groundwater Hydrology" by D.K. Todd, 1980

$X_{stag} = Q/2\pi K b i$ where X_{stag} is the downgradient limit of capture (the downgradient stagnation point)

$Y_{div} = \pm Q/2K b i$ where $2Y_{div}$ equals the maximum width of capture

For the tested conditions:

	Range of Values			units	Range of Values			units	Range of Values			units	Range of Values			units	Range of Values			units	Range of Values			units
$X_{stag} =$	201	174		ft	$X_{stag} =$	97	84	ft	$X_{stag} =$	321	268	ft	$X_{stag} =$	237	205	ft	$X_{stag} =$	452	391	ft	$X_{stag} =$	152	131	ft
$Y_{div} =$	600	550		ft	$Y_{div} =$	300	260	ft	$Y_{div} =$	1000	840	ft	$Y_{div} =$	700	640	ft	$Y_{div} =$	1400	1230	ft	$Y_{div} =$	500	410	ft

The shape of the Capture zone can be estimated by:

$$x = \frac{-y}{\tan(2\pi K b i / Q)}$$

For the listed capture estimate, the shape of the capture area given by assigning a series of y values and solving for x

Low Range		High Range		Low Range		High Range		Low Range		High Range		Low Range		High Range		Low Range		High Range		Low Range		High Range	
+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x	+/- y	x
1	-201	1	-174	1	-97	1	-84	1	-321	1	-268	1	-237	1	-205	1	-452	1	-391	1	-152	1	-131
100	-185	100	-154	100	-60	100	-39	100	-310	100	-255	100	-223	100	-188	100	-445	100	-382	100	-129	100	-104
200	-130	200	-90	200	108	200	216	200	-278	200	-216	200	-178	200	-135	500	-251	500	-150	200	-51	200	-9
400	176	300	46	400	-261	250	1659	500	-6	500	152	400	47	300	-32	700	-16	700	157	400	726	300	263
500	645	400	357	500	245	255	2833	700	490	700	1195	500	299	400	161	1000	744	1000	1520	450	2567	400	4598
600	3642	500	1822	600	7337	260	8687	850	1585	800	5058	600	857	500	594	1200	2257	1200	17161	475	54732	410	39368

Revised capture radius based on 2004 pumping records: Well 89-12
Lindsay Manufacturing
Lindsay, Nebraska
Project # 33750799

Date: April 6, 2005
Definition of Variables used to estimate withdrawal rate and capture radius

	Planned pumping rate (40 gpm)			April pumping rate (29 gpm)			May pumping rate (49 gpm)			June pumping rate (36 gpm)			July pumping rate (31 gpm)			August pumping rate (30 gpm)			September pumping rate (41 gpm)			October pumping rate (31 gpm)			November pumping rate (16 gpm)			60 gpm (estimated rate of replacement pump)		
	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units
Hydraulic Conductivity (from 1984 OIW 72-hour pump test)	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day	K	520	ft/day
Aquifer thickness (observed during drilling)	b	45	ft	b	45	ft	b	45	ft	b	45	ft	b	45	ft	b	45	ft	b	45	ft	b	45	ft	b	45	ft	b	45	ft
Hydraulic gradient	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft
	Q	7,700	ft ³ /day	Q	5,600	ft ³ /day	Q	9,400	ft ³ /day	Q	6,900	ft ³ /day	Q	6,000	ft ³ /day	Q	5,800	ft ³ /day	Q	7,900	ft ³ /day	Q	6,000	ft ³ /day	Q	3,100	ft ³ /day	Q	11,600	ft ³ /day

To estimate capture we used the following equations from "Groundwater Hydrology" by D.K. Todd, 1980

$X_{avg} = Q/2\pi K b i$ where X_{avg} is the downgradient limit of capture (the downgradient stagnation point)

$Y_{div} = \pm \sqrt{Q/2 K b i}$ where $2 Y_{div}$ equals the maximum width of capture

For the tested conditions:

	Values	units	Values	units	Values	units	Values	units	Values	units	Values	units	Values	units	Values	units	Values	units	Values	units									
$X_{avg} =$	26	ft	$X_{avg} =$	19	ft	$X_{avg} =$	32	ft	$X_{avg} =$	23	ft	$X_{avg} =$	20	ft	$X_{avg} =$	20	ft	$X_{avg} =$	27	ft	$X_{avg} =$	20	ft	$X_{avg} =$	11	ft	$X_{avg} =$	39	ft
$Y_{div} =$	80	ft	$Y_{div} =$	60	ft	$Y_{div} =$	100	ft	$Y_{div} =$	70	ft	$Y_{div} =$	60	ft	$Y_{div} =$	60	ft	$Y_{div} =$	80	ft	$Y_{div} =$	60	ft	$Y_{div} =$	30	ft	$Y_{div} =$	120	ft

The shape of the Capture zone can be estimated by:

$$x = \frac{-y}{\tan(2\pi i K b i y / Q)}$$

For the listed capture estimate, the shape of the capture area given by assigning a series of y values and solving for x

+/- y	x
1	-26
10	-25
30	-14
50	18
75	263
80	923

+/- y	x
1	-19
10	-17
30	0
50	88
55	212
58	602

+/- y	x
1	-32
10	-31
30	-22
50	0
75	74
100	7480

+/- y	x
1	-23
10	-22
30	-9
50	31
60	91
70	438

+/- y	x
1	-20
10	-19
30	-3
50	60
60	294
63	1165

+/- y	x
1	-20
10	-18
30	-1
50	72
60	600
61	1243

+/- y	x
1	-27
10	-26
30	-15
50	15
75	205
80	484

+/- y	x
1	-20
10	-19
30	-3
50	60
60	294
63	1165

+/- y	x
1	-11
10	-7
30	98
50	2
60	89
65	550

+/- y	x
1	-39
10	-39
30	-32
50	-16
100	144
115	499

Revised capture radius based on 2004 pumping records: Well AOIW

Lindsay Manufacturing

Lindsay, Nebraska

Project # 33750799

Date: April 6, 2005

Definition of Variables used to estimate withdrawal rate and capture radius

	Planned pumping rate (500 gpm)			August pumping rate (525 gpm)			September pumping rate (352 gpm)			October pumping rate (169 gpm)		
	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units	Symbol	Values	units
Hydraulic Conductivity (from 1989 72-hour pump test)	K	550	ft/day	K	550	ft/day	K	550	ft/day	K	550	ft/day
Aquifer thickness (observed during drilling)	b	40	ft	b	40	ft	b	40	ft	b	40	ft
Hydraulic gradient	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft	i	0.002	ft/ft
	Q	96,300	ft ³ /day	Q	101,100	ft ³ /day	Q	67,800	ft ³ /day	Q	32,500	ft ³ /day

To estimate capture we used the following equations

$X_{stag} = Q/2\pi K b i$ where X_{stag} is the downgradient limit of capture (the downgradient stagnation point)

$Y_{div} = \pm \sqrt{Q/2 K b i}$ where $2 Y_{div}$ equals the maximum width of capture

For the tested conditions:

	Values	units		Values	units		Values	units		Values	units
$X_{stag} =$	348	ft	$X_{stag} =$	366	ft	$X_{stag} =$	245	ft	$X_{stag} =$	118	ft
$Y_{div} =$	1100	ft	$Y_{div} =$	1100	ft	$Y_{div} =$	800	ft	$Y_{div} =$	400	ft

The shape of the Capture zone can be estimated by:

$$x = \frac{-y}{\tan(2\pi K b i y / Q)}$$

For the listed capture estimate, the shape of the capture area given by assigning a series of y values and solving for x

+/- y	x
1	-348
100	-339
250	-286
500	-68
750	494
900	1442

+/- y	x
1	-366
100	-357
250	-307
500	-103
750	391
1000	2319

+/- y	x
1	-245
100	-231
250	-154
500	253
600	720
700	2369

+/- y	x
1	-118
100	-88
250	155
275	266
300	448
350	2111

APPENDIX B

Analytical Laboratory Reports and Data Review Reports



Memo

Century Square
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Seattle, Washington 98101
206.438.2700 Telephone
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To: Roy Elliott, Lead Consultant **Info:**

From: Jennifer Garner, Chemist
Karen Mixon, Senior Chemist *KM* **Date:** January 13, 2005

RE: QA/QC Data Summary Review
64th Quarterly Groundwater Sampling (November 2004)
Organic Data
Lindsay Manufacturing 33750799

The data quality review of 45 groundwater samples, one rinsate blank, and two trip blanks collected between November 7 and 22, 2004 has been completed. The samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B at Analytical Resources, Incorporated (ARI) located in Tukwila, Washington. Selected samples were analyzed for 1,4-dioxane by EPA Method 8270C as indicated in the cross-reference below. Samples were analyzed for the chemical constituents as described in *Groundwater Monitoring Plan, Remedial Action, for Lindsay Manufacturing Company, Lindsay, Nebraska* (Management Plan), dated September 1, 2004.

The analyses were performed in general accordance with methods specified in EPA's *Test Methods for Evaluating Solid Waste (SW-846), Update IIIB*, April 1998. The laboratory provided a full data package containing sample results and associated QA/QC data. The following samples are associated with ARI sample delivery groups (SDGs) HI24, HI50, and HJ85:

<u>Sample ID</u>	<u>ARI ID</u>	<u>Requested Analyses</u>
Duplicate (Field Duplicate of 87-3)	HI24A	VOCs
89-13	HI24B	VOCs
87-3	HI24C	VOCs
Beller's Stock Tank Pen #7	HI24D	VOCs
Beller's Stock Tank Pen #6	HI24E	VOCs
Beller's New Stock Well	HI24F	VOCs
89-11B	HI24G	VOCs
Beller's Old Irrigation Well	HI24H	VOCs
89-10B	HI24I	VOCs
89-14	HI24J	VOCs
Beller's Domestic BFF	HI24K	VOCs and 1,4-Dioxane
Beller's Domestic AFF	HI24L	VOCs
Beller's Domestic ALF	HI24M	VOCs and 1,4-Dioxane
Preister's Domestic BFF	HI24N	VOCs and 1,4-Dioxane
Preister's Domestic AFF	HI24O	VOCs
Preister's Domestic ALF	HI24P	VOCs and 1,4-Dioxane
Lab Trip Blank (Lab-Provided Trip Blank)	HI24Q	VOCs
89-12 Well	HI50A	VOCs and 1,4-Dioxane
89-15 Well	HI50B	VOCs and 1,4-Dioxane
AOI Well	HI50C	VOCs and 1,4-Dioxane
OI Well	HI50D	VOCs
92-3A Well	HI50E	VOCs
92-3B Well	HI50F	VOCs
TI Well	HI50G	VOCs

<u>Sample ID (continued)</u>	<u>ARI ID</u>	<u>Requested Analyses</u>
Anthony Klassen Irrigation	HI50H	VOCs
John Klassen Irrigation	HI50I	VOCs
Weylan Neal Irrigation	HI50J	VOCs
Preister's Old Domestic	HI50K	VOCs
Preister's New Irrigation	HI50L	VOCs
Trip Blank (Rinsate Blank)	HI50M	VOCs
Martischang Irrigation	HI50N	VOCs
Lab Trip Blank (Lab-Provided Trip Blank)	HI50O	VOCs
MW04-01 at 86'	HJ85A	VOCs
MW04-01 at 96'	HJ85B	VOCs
MW04-01 at 106'	HJ85C	VOCs
MW04-01 at 116'	HJ85D	VOCs
MW04-01 at 76'	HJ85E	VOCs
MW04-02 at 68'	HJ85F	VOCs
MW04-02 at 78'	HJ85G	VOCs
MW04-02 at 88'	HJ85H	VOCs
MW04-02 at 98'	HJ85I	VOCs
MW04-03 at 45'	HJ85J	VOCs
MW04-03 at 55'	HJ85K	VOCs
MW04-03 at 65'	HJ85L	VOCs
MW04-03 at 85'	HJ85M	VOCs
MW04-03 at 105'	HJ85N	VOCs
MW04-03 at 110'	HJ85O	VOCs
MW04-03 at 120'	HJ85P	VOCs

The following comments refer to ARI's performance in meeting the quality control specifications described in the analytical methods. Data were qualified based on the method criteria and guidance provided in the EPA document *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999.

The laboratory noted that the acid used to preserve VOC samples was contaminated with acetone and possibly 2-butanone and methylene chloride. In addition, it was noted by the reviewer that in some cases the results for acetone in the dilutions of samples exceeded the non-diluted results. As all samples collected for VOC analysis were preserved, the results for acetone in all samples associated with this sampling round are qualified 'DNR' for Do Not Report. The reported results for 2-butanone and methylene chloride are considered suspect and will be monitored during the next sampling round.

Samples were shipped by overnight delivery to the laboratory and cooler temperatures were within the EPA-recommended range of 4°C±2°C.

1. Holding Times – Acceptable
2. GC/MS Instrument Performance Checks - Acceptable
3. Initial and Continuing Calibrations – Acceptable except as noted below:

VOCs by Method 8260B - The percent relative standard deviations (%RSDs) exceeded the method criteria of 15% for acetone, bromodichloromethane, bromomethane, bromoform, chloroethane, 2-chloroethylvinylether (2-CVE), dibromochloromethane, 1,1-dichloroethene, cis-1,2-dichloroethene, cis-1,3-dichloropropene, trans-1,3-dichloropropene, 2-hexanone, methylene chloride, 4-methyl-2-pentanone, styrene, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane, vinyl acetate, vinyl chloride, and/or o-xylene in the initial calibrations analyzed on November 5, 2004 (instrument ID Finn3), November 11, 2004 (Finn1), November 12, 2004 (Finn5),

November 19, 2004 (Finn1), and December 2, 2004 (Finn1). Due to the exceedances, the laboratory elected to evaluate the compounds based on the alternative curve types of linear or quadratic fit rather than average response factor. The correlation coefficients were acceptable for all linear and quadratic curves. Data were not qualified based on the use of alternative curve types.

The percent recovery for 2-butanone (78.1%) was below the method criteria of 80-120% in the continuing calibration analyzed on November 15, 2004 (Finn1). The results for 2-butanone in samples 89-13, 89-11B, Beller's Old Irrigation Well, 89-10B, 89-14, and Beller's Domestic BFF are qualified as estimated and flagged with a 'UJ' based on the continuing calibration.

The percent recoveries for carbon disulfide (77.3%) and trans-1,2-dichloroethene (78.0%) were below the method criteria of 80-120% in the continuing calibration analyzed on November 16, 2004 (Finn1). The results for carbon disulfide and trans-1,2-dichloroethene in samples Beller's Domestic AFF, Beller's Domestic ALF, Preister's Domestic BFF, Preister's Domestic AFF, Preister's Domestic ALF, and Lab Trip Blank (HI24Q) are qualified as estimated and flagged with a 'UJ' based on the continuing calibration.

The percent recoveries for chloromethane (62.8%), bromomethane (122.9%), trichlorofluoromethane (134.4%), and 1,1,2-trichloro-1,2,2-trifluoroethane (142.3%) were outside the method criteria of 80-120% in the continuing calibration analyzed on November 16, 2004 (Finn5). Bromomethane, trichlorofluoromethane, and 1,1,2-trichloro-1,2,2-trifluoroethane were not detected in the associated samples and are not qualified. The results for chloromethane in samples Duplicate and 87-3 are qualified as estimated and flagged with a 'UJ' based on the continuing calibration.

The percent recoveries for acetone (124.4%), methylene chloride (125.0%), and carbon disulfide (125.5%) exceeded the method criteria of 80-120% in the continuing calibration analyzed on November 17, 2004 (Finn1). Methylene chloride and carbon disulfide were not detected in samples 92-3B Well, TI Well, and Anthony Klassen Irrigation and are not qualified. Acetone was not detected in sample TI Well and is not qualified. The results for acetone in samples 92-3B Well and Anthony Klassen Irrigation were previously flagged 'DNR' and require no further qualification.

The percent recoveries for 2-CVE (60.5%), cis-1,3-dichloropropene (77.7%), trans-1,3-dichloropropene (71.3%), 2-hexanone (65.3%), and bromoform (77.2%) were below the method criteria of 80-120% in the continuing calibration analyzed on November 18, 2004 (Finn3). The 2-CVE data are rejected based on QA/QC issues identified later in this report and are not further qualified based on continuing calibration results. The results for cis-1,3-dichloropropene, trans-1,3-dichloropropene, 2-hexanone, and bromoform in samples Beller's Stock Tank Pen #7, Beller's Stock Tank Pen #6, Beller's New Stock Well, 89-12 Well (analyzed November 18, 2004), 89-15 Well, AOI Well, and Weylan Neal Irrigation are qualified as estimated and flagged with a 'UJ' based on the continuing calibration.

The percent recoveries for acetone (123.1%), methylene chloride (120.3%), and 2-butanone (121.5%) exceeded the method criteria of 80-120% in the continuing calibration analyzed on November 23, 2004 (Finn1). Methylene chloride and 2-butanone were not detected in sample Lab Trip Blank (HI500) and are not qualified. The result for acetone in sample Lab Trip Blank (HI500) was previously flagged 'DNR' and requires no further qualification.

The percent recoveries for acetone (76.4%), carbon disulfide (121.3%), 2-butanone (78.6%), 2-CVE (65.3%), trans-1,3-dichloropropene (73.2%), 2-hexanone (67.9%), and bromoform (79.0%) were outside the method criteria of 80-120% in the continuing calibration analyzed on November 23, 2004 (Finn3). The 2-CVE data are rejected based on QA/QC issues identified later in this report and are not further qualified based on continuing calibration results. Carbon disulfide was either not reported from this analysis date or not detected in the associated samples and is not qualified. The results for 2-butanone, trans-1,3-dichloropropene, 2-hexanone, and bromoform in samples 89-12 Well and OI Well (analyzed November 23, 2004) are qualified as estimated and flagged with a 'UJ' based on the continuing calibration results. These compounds were not reported from this analysis date for samples 92-3A Well and Preister's New Irrigation

and are not qualified. The results for acetone in samples 89-12 Well, OI Well, 92-3A Well, and Preister's New Irrigation were previously flagged 'DNR' and require no further qualification.

The percent recovery for vinyl acetate (130.0%) exceeded the method criteria of 80-120% in the continuing calibration analyzed on November 30, 2004 (Finn1). Vinyl acetate was not detected in the associated samples and is not qualified.

The percent recoveries for 1,1,2-trichloro-1,2,2-trifluoroethane (133.6%), methylene chloride (128.6%), trans-1,2-dichloroethene (78.7%), and 1,1,2,2-tetrachloroethane (77.7%) were outside the method criteria of 80-120% in the continuing calibration analyzed on December 1, 2004 (Finn1). These compounds were not reported from this analysis date for samples MW04-02 at 78', MW04-02 at 88', MW04-02 at 98', MW04-03 at 45', MW04-03 at 55', MW04-03 at 65', and MW04-03 at 85' and are not qualified. Methylene chloride results reported as detected in samples MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' are qualified as not detected due to method blank contamination as described later in this report. The results for trans-1,2-dichloroethene, and 1,1,2,2-tetrachloroethane in samples MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' are qualified as estimated and flagged with a 'UJ' based on the continuing calibration.

1,4-Dioxane by Method 8270C – The percent recoveries for 1,4-dioxane and the surrogate 1,4-dioxane-d8 were below the method criteria of 80-120% in the continuing calibrations analyzed on November 16, 2004 (79.7% and 71.5%, respectively) and November 17, 2004 (61.2% and 61.6%, respectively). As 1,4-dioxane is not a calibration check compound (CCC) and not commonly requested, the laboratory elected to use the more liberal in-house control criteria of 60-140%. Based on reviewer judgment, the results for 1,4-dioxane in samples Beller's Domestic BFF, Beller's Domestic ALF, Preister's Domestic BFF, Preister's Domestic ALF, 89-12 Well, 89-15 Well, and AOI Well are qualified as estimated and flagged with a 'J' or 'UJ' due to the low continuing calibration results.

4. Blanks – Acceptable except as noted below:

VOCs by Method 8260B – Methylene chloride was detected in the method blanks analyzed on November 16, 2004 (Finn1, 0.3 ug/L), November 17, 2004 (Finn1, 0.5 ug/L), November 30, 2004 (Finn1, 0.2 J ug/L), December 1, 2004 (Finn1, 0.5 ug/L), and December 3, 2004 (Finn1, 0.3 J ug/L). With the exceptions of samples Lab Trip Blank (HI24Q), Lab Trip Blank (HI500), MW04-02 at 68', MW04-03 at 65', MW04-03 at 85', MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120', methylene chloride was not detected in the associated samples. Per CLP guidelines, analytes detected in samples that are also detected in blanks are qualified if the sample concentration is less than five times (5x) the blank concentration. For common laboratory contaminants such as methylene chloride, acetone, and 2-butanone, analytes detected in samples that are also detected in blanks are qualified if the sample concentration is less than ten times (10x) the blank concentration. The results for methylene chloride in samples Lab Trip Blank (HI24Q), Lab Trip Blank (HI500), MW04-02 at 68', MW04-03 at 65', MW04-03 at 85', MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' were less than 10x the method blank concentrations and are qualified as not detected and flagged 'U.'

Acetone (5.4 ug/L) and 2-butanone (1.7 ug/L) were detected in the rinsate blank collected on November 10, 2004 (HI50M). Data were not qualified based on the rinsate blank results.

5. Surrogates – Acceptable

6. Internal Standards - Acceptable

7. Laboratory Control /Laboratory Control Duplicate Sample (LCS/LCSD) – Acceptable except as noted below:

VOCs by Method 8260B – The percent recoveries for one or more analytes were outside the laboratory control limits in the LCS and/or LCSDs as indicated in the table below:

Date Analyzed	Instrument ID	Analyte	LCS Result	LCSD Result	RPD	Control Limits	Assigned Qualifier
11/16/04	Finn1	1,1,2-TC-1,2,2-TFA	122%	OK	OK	65-120%	None
		Methylene Chloride	128%	OK	OK	60-124%	None
11/16/04	Finn5	Acetone	OK	131%	OK	43-130%	DNR
11/18/04	Finn3	cis-1,3-DCP	OK	71.0%	OK	74-131%	None
11/22/04	Finn1	Vinyl Acetate	125%	OK	OK	27-122%	None
11/23/04	Finn3	cis-1,3-DCP	OK	71.0%	OK	74-131%	None
		trans-1,3-DCP	OK	65.6%	OK	68-127%	None
12/1/04	Finn1	1,1,2-TC-1,2,2-TFA	132%	130%	OK	65-120%	None
		Methylene Chloride	125%	125%	OK	60-124%	None

OK = Result acceptable

RPD = Relative Percent Difference

1,1,2-TC-1,2,2-TFA = 1,1,2-Trichloro-1,2,2-trifluoroethane

cis-1,3-DCP = cis-1,3-Dichloropropene

trans-1,3-DCP = trans-1,3-Dichloropropene

Data qualifiers were not assigned if at least two out of three control criteria were acceptable (LCS, LCSD, and/or RPD). In the event that the percent recoveries in the LCS and LCSD exceeded the control limits, data qualifiers were not assigned if the affected compound was reported as not detected in the associated samples.

Methylene chloride and 1,1,2-trichloro-1,2,2-trifluoroethane were either not reported from the respective analyses or reported as not detected in the samples analyzed on December 1, 2004 (Finn1) and are not qualified based on the LCS/LCSD results.

8. Matrix Spike/Matrix Spike Duplicate (MS/MSD) - Acceptable except as noted below:

VOCs by Method 8260B – MS/MSDs were performed on samples Beller's Domestic AFF, Martischang Irrigation, 89-12 Well, MW04-01 at 96', and MW04-03 at 85'. 2-CVE was not recovered from the MS/MSD pairs. Data are not typically qualified based on MS/MSD results alone; however, the non-recovery of 2-CVE is likely due to decomposition of 2-CVE by the hydrochloric acid sample preservative. As all of the associated samples were acidified for preservation, results for 2-CVE in all samples are rejected and flagged with an 'R.'

In addition to 2-CVE, the percent recoveries for one or more analytes were outside the laboratory control limits as indicated in the table below:

Sample ID	Analyte	MS Result	MSD Result	RPD	Control Limits	Assigned Qualifier
89-12 Well	Chloromethane	134%	OK	OK	46-133%	None
	Vinyl Chloride	134%	OK	OK	49-133%	None
	cis-1,3-DCP	OK	70.8%	OK	74-131%	None
	trans-1,3-DCP	OK	66.0%	OK	68-127%	None
MW04-01 at 96'	1,1,2-TC-1,2,2-TFA	122%	122%	OK	65-120%	None
	1,1,2,2-Tetrachloroethane	OK	75.0%	OK	77-124%	None
MW04-03 at 85'	1,1,2-TC-1,2,2-TFA	140%	140%	OK	65-120%	None
	1,1-Dichloroethene	215%	210%	OK	71-117%	J
	Methylene Chloride	162%	175%	OK	60-124%	None
	trans-1,2-Dichloroethene	69.0%	72.0%	OK	74-117%	UJ
	1,1,1-Trichloroethane	150%	162%	OK	70-120%	J
	1,1,2,2-Tetrachloroethane	69.5%	OK	OK	77-124%	None

Data qualifiers were not assigned if at least two out of three control criteria were acceptable (MS, MSD, and/or RPD). In the event that the percent recoveries in the MS and MSD exceeded the control limits, data qualifiers were not assigned if the affected compound was reported as not detected in the associated samples.

1,1,2-Trichloro-1,2,2-trifluoroethane was not detected in sample MW04-01 at 96'; therefore, data were not qualified in this sample based on the MS/MSD results.

1,1,2-Trichloro-1,2,2-trifluoroethane and methylene chloride were not detected in sample MW04-03 at 85'; therefore, data were not qualified for these compounds in this sample based on the MS/MSD results. The results for 1,1-dichloroethene, trans-1,2-dichloroethene, and 1,1,1-trichloroethane in sample MW04-03 at 85' are qualified as estimated and flagged with a 'J' or 'UJ' based on the MS/MSD results.

1,4-Dioxane by Method 8270C – A MS/MSD was not performed in association with this analysis. Precision was assessed for samples Beller's Domestic BFF, Beller's Domestic ALF, Preister's Domestic BFF, and Preister's Domestic ALF using the LCS/LCSD results. Precision was not assessed for samples 89-12 Well, 89-15 Well, and AOI Well,

9. Field Duplicate (Applicable to VOC analysis only) – Acceptable

VOCs by Method 8260B - A field duplicate was submitted for sample 87-3 and identified as Duplicate. Results were comparable.

10. Target Compound Identification – Acceptable

VOCs by Method 8260B – The results for acetone and/or 2-butanone in multiple samples were flagged with an 'M' by the laboratory to indicate poor spectral match. Results reported as detected for acetone in all associated samples were previously qualified as 'DNR' based on the acid preservative contamination and require no further qualification. The 'M' flagged result for 2-butanone in sample MW04-01 at 76' is qualified as estimated and flagged with a 'J.'

11. Reporting Limits – Acceptable except as noted below:

VOCs by Method 8260B – Samples 92-3A Well, Preister's New Irrigation, MW04-02 at 78', MW04-02 at 88', MW04-02 at 98', MW04-03 at 45', MW04-03 at 55', MW04-03 at 65', MW04-03 at 85', MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' required dilution to quantitate 1,1-dichloroethene, 1,1,1-trichloroethane, and/or tetrachloroethene within the linear range of the instrument. Sample results which exceeded the calibration range of the instrument were flagged 'E' by the laboratory and have been qualified as 'DNR' for Do Not Report. As the reporting limits were lower for the undiluted analyses, the results for compounds that were not flagged 'E' by the laboratory in the undiluted analyses of samples 92-3A Well, Preister's New Irrigation, MW04-02 at 78', MW04-02 at 88', MW04-02 at 98', MW04-03 at 45', MW04-03 at 55', MW04-03 at 65', MW04-03 at 85', MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' are flagged 'DNR' for the diluted analysis.

Sample OI Well required dilution to quantitate 1,1-dichloroethene and 1,1,1-trichloroethane within the linear range of the instrument. As the reporting limits are lower for the undiluted analysis, the results for compounds other than 1,1-dichloroethene and 1,1,1-trichloroethane in the undiluted analyses would typically be flagged 'DNR' in the diluted analysis. However, upon inspection of the raw sample results and chromatograms for both the diluted and undiluted analyses of sample OI Well, it was determined that several low-level detections (chloroform, 1,2-dichloroethane, trichloroethene, and 1,1,2-trichloroethane) were potentially the result of laboratory carryover contamination. The results for all VOCs in the undiluted analysis of sample OI Well are qualified 'DNR' and will not be used.

The reporting limits for all VOCs in samples Duplicate, 87-3, Beller's Stock Tank Pen #7, Beller's Stock Tank Pen #6, Beller's New Stock Well, 89-12 Well, 89-15 Well, AOI Well, and Weylan Neal Irrigation were elevated due to the dilutions necessary to quantitate high levels of target analytes. The elevated reporting limits do not adversely impact the use of the data for project objectives.

1,4-Dioxane by Method 8270C - The results for 1,4-dioxane in samples Beller's Domestic BFF, Beller's Domestic ALF, and Preister's Domestic BFF were flagged with a 'Y' by the laboratory to indicate an elevated reporting limit due to matrix interference and/or activity on the instrument. The results for 1,4-dioxane that were flagged 'Y' by the laboratory in samples Beller's Domestic BFF, Beller's Domestic ALF, and Preister's Domestic BFF are qualified as not detected and flagged with a 'U' at the raised reporting limit.

12. Type of Review - Summary

Overall Assessment of Data:

The usefulness of the data is based on the EPA guidance documents listed above. Upon consideration of the information presented above, the data are acceptable except where flagged with data qualifiers that modify the usefulness of the individual values. Data qualifiers do not affect the use of the data in relation to the project consent decree.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DNR - Do Not Report. Multiple results reported from different analytical dates and/or dilutions. Value from another analysis should be used.



Memo

Century Square
1501 4th Avenue, Suite 1400
Seattle, Washington 98101
206.438.2700 Telephone
206.438.2699 Fax

To: Roy Elliott, Lead Consultant **Info:**

From: Jennifer Garner, Chemist
Karen Mixon, Senior Chemist *ka* **Date:** January 13, 2005

RE: QA/QC Data Summary Review
64th Quarterly Groundwater Sampling (November 2004)
Inorganic Data
Lindsay Manufacturing 33750799

The data quality review of 11 groundwater samples and one rinsate blank collected between November 7 and 10, 2004 has been completed. The samples were analyzed for total metals (cadmium, chromium, lead, iron, and zinc), sulfate, and pH by Analytical Resources, Incorporated (ARI) located in Tukwila, Washington. The analyses were performed in general accordance with EPA Methods 6010B/7421, 375.2, and 150.1, respectively. Samples were analyzed for the chemical constituents as described in *Groundwater Monitoring Plan, Remedial Action, for Lindsay Manufacturing Company, Lindsay, Nebraska (Management Plan)*, dated September 1, 2004.

The analyses were performed in general accordance with methods specified in EPA's *Test Methods for Evaluating Solid Waste (SW-846), Update IIIB*, April 1998 and *Methods for Chemical Analysis of Water and Wastes*, March 1983. The laboratory provided a full data package containing sample results and associated QA/QC data. The following samples are associated with ARI sample delivery groups (SDGs) HI24 and HI50:

<u>Sample ID</u>	<u>ARI ID</u>
Duplicate (Field Duplicate of 87-3)	HI24A
89-13	HI24B
87-3	HI24C
Beller's New Stock Well	HI24F
89-14	HI24J
Beller's Domestic BFF	HI24K
Preister's Domestic BFF	HI24N
89-12 Well	HI50A
89-15 Well	HI50B
92-3A Well	HI50E
92-3B Well	HI50F
Trip Blank (Rinsate Blank)	HI50M

The following comments refer to ARI's performance in meeting the quality control specifications outlined in EPA Methods 6010B/7421, 375.2 and 150.1. Data were qualified based on the method criteria and guidance provided in the EPA document "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review," July 2002.

Samples were shipped by overnight delivery to the laboratory and cooler temperatures were within the EPA- recommended range of 4°C±2°C.

1. Holding Times – Acceptable except as noted below:

pH by Method 150.1 – The holding time for pH is 24 hours from collection. Samples Duplicate, 89-13, 87-3, 89-14, Beller's New Stock Well, Beller's Domestic BFF, Preister's Domestic BFF, 89-12 Well, 89-15 Well, 92-3A Well, 92-3B Well, and Trip Blank were analyzed one day past the 24-hour method holding time. The results for pH in these samples are qualified as estimated and flagged with a 'J' based on holding time exceedance.

2. Initial and Continuing Calibrations – Acceptable where applicable

3. Blanks – Acceptable where applicable except as noted below:

Metals by Methods 6010B and 7421 – Zinc (0.013 mg/L) was detected in the rinsate blank (Trip Blank) collected on November 10, 2004. Data were not qualified based on the rinsate blank results.

Lead was detected in the fourth instrument continuing calibration blank (CCB4) analyzed on November 15, 2004 (0.001 mg/L). The result for lead in sample Beller's New Stock Well (0.005 mg/L) is less than 10x the CCB concentration and is qualified as not detected and flagged with a 'U' based on the CCB result. Lead was not detected in any other sample associated with this blank.

4. Laboratory Control Sample (LCS) and/or Standard Reference Material (SRM) - Acceptable

5. Matrix Spike Samples – Acceptable except as noted below:

Metals by Methods 6010B and 7421 – Matrix spikes were performed on samples 89-13 Well and 89-12 Well. Results were acceptable.

pH by Method 150.1 – A matrix spike was not performed in association with pH analysis. Precision was assessed using the laboratory duplicate results.

Sulfate by Method 375.2 - Matrix spikes were performed on samples Duplicate and 89-12 Well. Results were acceptable.

6. Laboratory Duplicate Analysis - Acceptable

Metals by Methods 6010B and 7421 – Laboratory duplicates were performed on samples 89-13 Well and 89-12 Well. Results were acceptable.

pH by Method 150.1 – Laboratory duplicates were performed on samples Duplicate and 89-12 Well. Results were acceptable.

Sulfate by Method 375.2 - Laboratory duplicates were performed on samples Duplicate and 89-12 Well. Results were acceptable.

7. Field Duplicate - Acceptable

General - A field duplicate was submitted for sample 87-3 and identified as Duplicate. Results were comparable for all inorganic analyses.

8. ICP Interference Check Sample (applicable to Metals only) - Acceptable

9. ICP Serial Dilution (applicable to Metals only)

Per the method, the serial dilution was not required as these samples do not constitute an unusual matrix.

10. Type of Review – Summary

Overall Assessment of Data:

The usefulness of the data is based on the EPA guidance documents listed above. Upon consideration of the information presented above, the data are acceptable except where flagged with data qualifiers that modify the usefulness of the individual values.

Data Qualifiers:

U - The analyte was analyzed for, but not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DNR - Do Not Report. Multiple results reported from different analytical dates and/or dilutions. Value from another analysis should be used.



Analytical Resources, Incorporated
Analytical Chemists and Consultants

2 December 2004

Karen Mixon
URS Corporation
Century Square
1501 Fourth Avenue Suite 1400
Seattle, WA 98121

RE: Client Project: Lindsay Groundwater, 807
ARI Job Nos.: HI24 & HI50

Dear Karen:

Please find enclosed the original chain of custody documentation and the final data package for the samples from the project referenced above. Analytical Resources, Inc. (ARI) received sixteen water samples and a trip blank in good condition on November 9, 2004 and fourteen water samples and a trip blank on November 11, 2004. The samples were received intact and in good condition. The samples were received at cooler temperatures of 2.0 and 2.6 degrees Celsius.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, pH, sulfate and total metals as requested on the chain-of-custody.

Anomalies associated with these analyses are discussed in the case narrative.

A copy of this package will remain on file with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Mark D. Harris
Mark D. Harris
Project Manager
206/695-6210
mark@arilabs.com

Enclosures

cc: files HI24, HI50

MDH/mdh

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: FD24		Turn-around Requested:		Page: 1 of 2								
ARI Client Company: Lmc Lindsay		Phone: 402-428-7388		Date: 11-8-04	Ice Present? Yes							
Client Contact: Bob Jacobson		No. of Coolers: 1		Cooler Temps: 2.4								
Client Project Name: Bob Jacobson Groundwater		Analysis Requested										
Client Project #: 807	Samplers: Bob Rother		Notes/Comments									
Sample ID	Date	Time	Sample Matrix Number	No. Containers	Voc's	Ph. Sulfate	Metals Pb, Cr, Cd, Fe, Mn	1,4-Dioxane				
Belkin's Domestic Before first filter	11-7-04	0740hr	11,789	6	X	X	X	X				
Belkin's Domestic after first filter	11-7-04	0750hr	11,790	3	X							
Belkin's Domestic after last filter	11-7-04	0800hr	11,791	4	X			X				
Bruster's Domestic Before first filter	11-7-04	1100hr	11,792	6	X	X	X	X				
Bruster's Domestic after first filter	11-7-04	1120hr	11,793	3	X							
Bruster's Domestic after last filter	11-7-04	1130hr	11,794	4	X			X				
89-12-11	11-7-04	1135hr	11,795	6	X	X	X	X				
LAB TRIP BLANK				3	X							
Comments/Special Instructions												
000002	Relinquished by:		Received by:		Relinquished by:				Received by:			
	(Signature) Bob Rother		(Signature) Brian Kegel		(Signature)				(Signature)			
	Printed Name: Bob Rother		Printed Name: Brian Kegel		Printed Name:				Printed Name:			
	Company: Lmc Lindsay		Company: ARI		Company:				Company:			
Date & Time: 11-8-04 1500hr		Date & Time: 11/9/04 0945		Date & Time:				Date & Time:				



Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: HI24		Turn-around Requested:		Page: 2 of 2		 Analytical Resources, Incorporated Analytical Chemists and Consultants 4611 South 134th Place, Suite 100 Tukwila, WA 98168 206-695-6200 206-695-6201 (fax)							
ARI Client Company: LINC LINDSAY		Phone: 402-428-7388		Date: 11-8-04				Ice Present? YES					
Client Contact: Bob Jacobson				No. of Coolers: 1				Cooler Temps: 2.4					
Client Project Name: BOB JACOBSON Ground water													
Client Project #: 807		Samplers: Bob Rother		Analysis Requested						Notes/Comments			
Sample ID	Date	Time	SAMPLE Matrix NUMBER	No. Containers	VOC's	PH	SULFATE	METALS PB, CR, CO, FE, MN	1-4-DIOXANE				
Duplicate				8	X	X	X						
89-13	11-8-04	0620 HR	11,796	5	X	X	X						
87-3	11-8-04	0815 HR	11,797	5	X	X	X						
BELLERS STOCK TANK POOL #7	11-8-04	0915 HR	11,798	3	X								
BELLERS STOCK TANK POOL #6	11-8-04	0930 HR	11,799	3	X								
BELLERS NEW STOCK WELL	11-8-04	1000 HR	11,800	5	X	X	X						
89-11 B	11-8-04	1035 HR	11,801	3	X								
BELLERS OLD IRRIG WELL	11-8-04	1100 HR	11,802	3	X								
89-10 B	11-8-04	1120 HR	11,803	3	X								
89-14	11-8-04	1400 HR	11,804	5	X	X	X						
Comments/Special Instructions 000003	Relinquished by:		Received by:		Relinquished by:		Received by:						
	(Signature) Bob Rother		(Signature) Brian Kegel		(Signature)		(Signature)						
	Printed Name:		Printed Name:		Printed Name:		Printed Name:						
	BOB ROTHER		BRIAN KECEL										
Company:		Company:		Company:		Company:							
LINC LINDSAY		ARI											
Date & Time:		Date & Time:		Date & Time:		Date & Time:							
11-8-04 1500 HR.		11/9/04 0945											

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 1150		Turn-around Requested:		Page: 1 of 2															
ARI Client Company: LMC Lindsay		Phone: 1-402-428-7388		Date: 11-10-04	Ice Present? YES														
Client Contact: Bob Jacobson				No. of Coolers: 1	Cooler Temps: 2.6														
Client Project Name: Ground Water		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Analysis Requested</th> <th>Notes/Comments</th> </tr> <tr> <th>VOC's</th> <th>PH</th> <th>SULFATE</th> <th>METALS</th> <th>PCB/COTC/PAH</th> <th>1,4-DIOXANE</th> <th></th> </tr> </table>				Analysis Requested						Notes/Comments	VOC's	PH	SULFATE	METALS	PCB/COTC/PAH	1,4-DIOXANE	
Analysis Requested						Notes/Comments													
VOC's	PH	SULFATE	METALS	PCB/COTC/PAH	1,4-DIOXANE														
Client Project #: 807	Samplers: Bob Rother																		

Sample ID	Date	Time	SAMPLE Matrix No.	No. Containers	VOC's	PH	SULFATE	METALS	PCB/COTC/PAH	1,4-DIOXANE					
89-12 WELL	11-9-04	0620HR	11,795	6	X	X	X	X	X						
89-15 WELL	11-9-04	0745HR	11,805	5	X	X	X	X	X						
AOI WELL	11-9-04	0910HR	11,800	4	X				X						
OI WELL	11-9-04	1000HR	11,807	3	X										
92-3A WELL	11-9-04	1105HR	11,808	5	X	X	X								
92-3B WELL	11-9-04	1205HR	11,809	5	X	X	X								
TI WELL	11-9-04	1307HR	11,810	3	X										
ANTHONY KLASSED IRR.	11-9-04	1445HR	11,811	3	X										
JOHN KLASSED IRR.	11-9-04	1510HR	11,812	3	X										
WILLIAM NEAL IRR.	11-9-04	1529HR	11,813	3	X										

000004	Comments/Special Instructions		Relinquished by: (Signature) Bob Rother		Received by: (Signature) Brian Keel		Relinquished by: (Signature)		Received by: (Signature)	
			Printed Name: Bob Rother		Printed Name: Brian Keel		Printed Name:		Printed Name:	
			Company: LMC LINDSAY		Company: ARI		Company:		Company:	
			Date & Time: 11-10-04 1430hr		Date & Time: 11/11/04 0950		Date & Time:		Date & Time:	



Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
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206-695-6200 206-695-6201 (fax)

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Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:		Turn-around Requested:		Page: 2 of 2	
ARI Client Company: LMC LINDSAY		Phone: 1-402-428-7388		Date: 11-10-04	Ice Present? YES
Client Contact: BOB JACOBSON				No. of Coolers: 1	Cooler Temps: 2-6
Client Project Name: GROUND WATER		Analysis Requested			
Client Project #: 807		Notes/Comments			
Samplers: Bob Rother					
Sample ID	Date	Time	SAMPLE NO.	No. Containers	
PREISTER'S OLD DOMESTIC	11-10-04	0815HR	11,814	3	X
PREISTER'S NEW IRRIG.	11-10-04	0840HR	11,815	3	X
TRIP BLANK	11-10-04	0900HR	11,816	5	X X X
MARTISCHANG IRRIG.	11-10-04	1045HR	11,817	3	X
LAB TRIP BLANK				6	X
Comments/Special Instructions					
Relinquished by: (Signature) Bob Rother		Received by: (Signature) Brian Kevel		Relinquished by: (Signature)	
Printed Name: Bob Rother		Printed Name: Brian Kevel		Printed Name:	
Company: LMC LINDSAY		Company: ARI		Company:	
Date & Time: 11-10-04 1430h		Date & Time: 11/11/04 0950		Date & Time:	



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4611 South 134th Place, Suite 100
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206-695-6200 206-695-6201 (fax)

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Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.



Case Narrative

URS Corporation
Lindsay Groundwater Cleanup, 807
ARI Job Nos.: HI24 & HI50
2 December 2004

Volatile Organic Compounds by Method 8260B

Small amounts of methylene chloride were detected in two of the method blanks associated with the analyses of these samples. Since this a common laboratory contaminant, no corrective actions were taken. All positive results for methylene chloride have been "B" flagged for samples associated with these two method blanks.

Acetone was detected in several of these samples. It has since been discovered that the preservative in these vials may have been contaminated with acetone by the supplier. All positive results for acetone should be suspect even though this compound was not detected in the method blanks.

1,4-Dioxane by method 8270C

These analyses proceeded without incident of note.

Total Metals Analysis by methods 6010B and 7421

These analyses proceeded without incident of note.

Conventional Analyses

Several samples were received outside of holding time for pH analysis. All samples were analyzed for pH as soon as possible after receipt.

000007

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MB-111504

Page 1 of 1

METHOD BLANK

Lab Sample ID: MB-111504

QC Report No: HI24-URS Corp.

LIMS ID: 04-19410

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 11/29/04

Date Received: NA

Instrument/Analyst: FINNI/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/15/04 12:28

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	85.0%
d8-Toluene	102%
Bromofluorobenzene	82.6%
d4-1,2-Dichlorobenzene	91.0%

000011

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MB-111604

Page 1 of 1

METHOD BLANK

Lab Sample ID: MB-111604

QC Report No: HI24-URS Corp

LIMS ID: 04-19420

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *AB*

Date Sampled: NA

Reported: 11/29/04

Date Received: NA

Instrument/Analyst: FINNI/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/16/04 11:17

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.3
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.7%
d8-Toluene	113%
Bromofluorobenzene	91.1%
d4-1,2-Dichlorobenzene	104%

000012

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 89-13

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11,796

Lab Sample ID: HI24B

QC Report No: HI24-URS Corp

LIMS ID: 04-19410

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/08/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINNI/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/15/04 18:37

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U <i>WJ</i>
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	1.6
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	81.0%
d8-Toluene	110%
Bromofluorobenzene	85.0%
d4-1,2-Dichlorobenzene	101%

8/1-4-05

000013

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: 89-11 B

11,801

Lab Sample ID: HI24G

QC Report No: HI24-URS Corp

LIMS ID: 04-19415

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *MB*

Date Sampled: 11/08/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/15/04 19:07

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.5 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U NJ
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.2%
d8-Toluene	113%
Bromofluorobenzene	87.0%
d4-1,2-Dichlorobenzene	99.8%

1-4-05

000014

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: BELLER'S OLD IRRIG WELL
11,802

Lab Sample ID: HI24H

LIMS ID: 04-19416

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/08/04

Date Received: 11/09/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 11/15/04 19:36

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.7 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U NJ
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	116%
Bromofluorobenzene	92.8%
d4-1,2-Dichlorobenzene	108%

000015

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 89-10 B

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11,803

Lab Sample ID: HI24I

QC Report No: HI24-URS Corp

LIMS ID: 04-19417

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/08/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/15/04 20:06

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	3.2 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U WJ
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	116%
d8-Toluene	117%
Bromofluorobenzene	95.5%
d4-1,2-Dichlorobenzene	103%

8/14-05

000016

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 89-14

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11,804

Lab Sample ID: HI24J

QC Report No: HI24-URS Corp

LIMS ID: 04-19418

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/08/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/15/04 20:36

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	0.8
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U <i>UJ</i>
71-55-6	1,1,1-Trichloroethane	0.2	0.9
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	2.7
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.0%
d8-Toluene	111%
Bromofluorobenzene	89.0%
d4-1,2-Dichlorobenzene	105%

81-4-05

000017

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: BELLER'S DOMESTIC BFF
11,789

Lab Sample ID: HI24K

QC Report No: HI24-URS Corp

LIMS ID: 04-19419

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/07/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINNI/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/15/04 21:06

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.6 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	0.6
75-34-3	1,1-Dichloroethane	0.2	0.4
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U NJ
71-55-6	1,1,1-Trichloroethane	0.2	0.8
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	3.1
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.8%
d8-Toluene	109%
Bromofluorobenzene	83.0%
d4-1,2-Dichlorobenzene	99.0%

#1-4-05

000018

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

ANALYTICAL
RESOURCES
INCORPORATEDSample ID: BELLER'S DOMESTIC APP
11,790

Lab Sample ID: HI24L

LIMS ID: 04-19420

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/16/04 12:04

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.1 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U NJ
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U NJ
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.4
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	85.5%
d8-Toluene	104%
Bromofluorobenzene	80.5%
d4-1,2-Dichlorobenzene	94.8%

11-4-05

000019

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLER'S DOMESTIC ALP
11,791

Lab Sample ID: HI24M

LIMS ID: 04-19421

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/16/04 12:36

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.6 DWK
75-15-0	Carbon Disulfide	0.2	< 0.2 U WJ
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U WJ
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	83.5%
d8-Toluene	108%
Bromofluorobenzene	84.0%
d4-1,2-Dichlorobenzene	96.2%

#1-4-05

000022

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: PREISTER'S DOMESTIC BFF
11,792

Page 1 of 1

Lab Sample ID: HI24N

QC Report No: HI24-URS Corp

LIMS ID: 04-19422

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized:

Date Sampled: 11/07/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINNI/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/16/04 13:06

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.0 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U UJ
75-35-4	1,1-Dichloroethene	0.2	0.6
75-34-3	1,1-Dichloroethane	0.2	0.4
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U UJ
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	0.4
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	1.0
56-23-5	Carbon Tetrachloride	0.2	1.5
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.9
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	114%
Bromofluorobenzene	90.5%
d4-1,2-Dichlorobenzene	102%

11-405

000023

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: PREISTER'S DOMESTIC AFF
11,793

Lab Sample ID: HI240

LIMS ID: 04-19423

Matrix: Water

Data Release Authorized:

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: 11/07/04

Date Received: 11/09/04

Instrument/Analyst: FINNI/JA

Date Analyzed: 11/16/04 13:36

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.3 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U NJ
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U NJ
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.5%
d8-Toluene	110%
Bromofluorobenzene	84.2%
d4-1,2-Dichlorobenzene	99.0%

*1-4-05

000024

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: PREISTER'S DOMESTIC ALF
11,794

Lab Sample ID: HI24P

LIMS ID: 04-19424

Matrix: Water

Data Release Authorized:

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: 11/07/04

Date Received: 11/09/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/16/04 16:37

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.0 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U WJ
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U WJ
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	84.0%
d8-Toluene	105%
Bromofluorobenzene	83.8%
d4-1,2-Dichlorobenzene	98.2%

000025

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: LAB TRIP BLANK

SAMPLE

Lab Sample ID: HI24Q

LIMS ID: 04-19425

Matrix: Water

Data Release Authorized: *AB*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled:

Date Received: 11/09/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/16/04 15:06

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.4 B U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U M J
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U M J
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.0%
d8-Toluene	112%
Bromofluorobenzene	85.0%
d4-1,2-Dichlorobenzene	100%

1-4-05

000026

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLER'S DOMESTIC AFF
MS/MSD

Lab Sample ID: HI24L

LIMS ID: 04-19420

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Instrument/Analyst MS: FINN1/JA

MSD: FINN1/JA

Date Analyzed MS: 11/16/04 16:12

MSD: 11/16/04 17:04

Sample Amount MS: 20.0 mL

MSD: 20.0 mL

Purge Volume MS: 20.0 mL

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
Bromomethane	< 0.2	4.5	4.0	112%	4.6	4.0	115%	2.2%
Vinyl Chloride	< 0.2	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
Chloroethane	< 0.2	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Methylene Chloride	< 0.3	4.5	4.0	112%	4.7	4.0	118%	4.3%
Acetone	2.1	21.4	20.0	96.5%	20.4	20.0	91.5%	4.8%
Carbon Disulfide	< 0.2	3.0	4.0	75.0%	3.2	4.0	80.0%	6.5%
1,1-Dichloroethene	< 0.2	4.0	4.0	100%	4.2	4.0	105%	4.9%
1,1-Dichloroethane	< 0.2	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
trans-1,2-Dichloroethene	< 0.2	3.0	4.0	75.0%	3.3	4.0	82.5%	9.5%
cis-1,2-Dichloroethene	< 0.2	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Chloroform	< 0.2	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
1,2-Dichloroethane	< 0.2	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
2-Butanone	< 1.0	13.3	20.0	66.5%	14.0	20.0	70.0%	5.1%
1,1,1-Trichloroethane	< 0.2	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Carbon Tetrachloride	< 0.2	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Vinyl Acetate	< 0.2	3.6	4.0	90.0%	3.9	4.0	97.5%	8.0%
Bromodichloromethane	< 0.2	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
1,2-Dichloropropane	< 0.2	3.4	4.0	85.0%	3.7	4.0	92.5%	8.5%
cis-1,3-Dichloropropene	< 0.2	4.0	4.0	100%	4.3	4.0	108%	7.2%
Trichloroethene	< 0.2	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Dibromochloromethane	< 0.2	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
1,1,2-Trichloroethane	< 0.2	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Benzene	< 0.2	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
trans-1,3-Dichloropropene	< 0.2	4.2	4.0	105%	4.4	4.0	110%	4.7%
2-Chloroethylvinylether	< 0.5	< 0.5	4.0	NA	< 0.5	4.0	NA	NA
Bromoform	< 0.2	3.2	4.0	80.0%	3.6	4.0	90.0%	11.8%
4-Methyl-2-Pentanone (MIBK)	< 1.0	17.6	20.0	88.0%	18.5	20.0	92.5%	5.0%
2-Hexanone	< 1.0	16.9	20.0	84.5%	17.6	20.0	88.0%	4.1%
Tetrachloroethene	0.4	4.3	4.0	97.5%	4.4	4.0	100%	2.3%
1,1,2,2-Tetrachloroethane	< 0.2	3.3	4.0	82.5%	3.3	4.0	82.5%	0.0%
Toluene	< 0.2	4.0	4.0	100%	4.3	4.0	108%	7.2%
Chlorobenzene	< 0.2	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
Ethylbenzene	< 0.2	4.4	4.0	110%	4.6	4.0	115%	4.4%
Styrene	< 0.2	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
Trichlorofluoromethane	< 0.2	4.1	4.0	102%	4.3	4.0	108%	4.8%
1,1,2-Trichloro-1,2,2-trifl	< 0.2	4.1	4.0	102%	4.4	4.0	110%	7.1%
m,p-Xylene	< 0.4	8.4	8.0	105%	8.8	8.0	110%	4.7%
o-Xylene	< 0.2	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-111504

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-111504

QC Report No: HI24-URS Corp

LIMS ID: 04-19410

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 11/29/04

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 11/15/04 11:17

Purge Volume LCS: 20.0 mL

LCSD: 11/15/04 11:57

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Bromomethane	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Vinyl Chloride	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Chloroethane	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Methylene Chloride	4.0	4.0	100%	4.2	4.0	105%	4.9%
Acetone	20.1	20.0	100%	18.4	20.0	92.0%	8.8%
Carbon Disulfide	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
1,1-Dichloroethene	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
1,1-Dichloroethane	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
trans-1,2-Dichloroethene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
cis-1,2-Dichloroethene	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Chloroform	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
1,2-Dichloroethane	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
2-Butanone	16.2	20.0	81.0%	15.5	20.0	77.5%	4.4%
1,1,1-Trichloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Carbon Tetrachloride	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
Vinyl Acetate	4.3	4.0	108%	4.2	4.0	105%	2.4%
Bromodichloromethane	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
1,2-Dichloropropane	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
cis-1,3-Dichloropropene	4.3	4.0	108%	4.3	4.0	108%	0.0%
Trichloroethene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Dibromochloromethane	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
1,1,2-Trichloroethane	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Benzene	4.0	4.0	100%	4.1	4.0	102%	2.5%
trans-1,3-Dichloropropene	4.3	4.0	108%	4.4	4.0	110%	2.3%
2-Chloroethylvinylether	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Bromoform	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
4-Methyl-2-Pentanone (MIBK)	19.2	20.0	96.0%	18.7	20.0	93.5%	2.6%
2-Hexanone	18.1	20.0	90.5%	18.6	20.0	93.0%	2.7%
Tetrachloroethene	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
1,1,2,2-Tetrachloroethane	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
Toluene	4.1	4.0	102%	4.2	4.0	105%	2.4%
Chlorobenzene	4.0	4.0	100%	4.1	4.0	102%	2.5%
Ethylbenzene	4.5	4.0	112%	4.7	4.0	118%	4.3%
Styrene	4.1	4.0	102%	4.2	4.0	105%	2.4%
Trichlorofluoromethane	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
1,1,2-Trichloro-1,2,2-trifl	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2

Sample ID: LCS-111504
LCS/LCSD

Lab Sample ID: LCS-111504

QC Report No: HI24-URS Corp

LIMS ID: 04-19410

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Date Analyzed: 11/15/04 11:17

Purge Volume: 20.0 mL

LCSD: 11/15/04 11:57

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	8.8	8.0	110%	9.1	8.0	114%	3.4%
o-Xylene	3.9	4.0	97.5%	4.1	4.0	102%	5.0%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	88.9%	88.2%
d8-Toluene	101%	107%
Bromofluorobenzene	89.2%	94.3%
d4-1,2-Dichlorobenzene	88.8%	95.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-111604

LCS/LCSD

Lab Sample ID: LCS-111604

LIMS ID: 04-19420

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/JA

LCSD: FINN1/JA

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Date Analyzed LCS: 11/16/04 10:02

Purge Volume LCS: 20.0 mL

LCSD: 11/16/04 10:46

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	4.5	4.0	112%	3.8	4.0	95.0%	16.9%
Bromomethane	5.0	4.0	125%	4.2	4.0	105%	17.4%
Vinyl Chloride	4.7	4.0	118%	3.9	4.0	97.5%	18.6%
Chloroethane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Methylene Chloride	5.1	4.0	128%	4.6	4.0	115%	10.3%
Acetone	22.9	20.0	114%	21.7	20.0	108%	5.4%
Carbon Disulfide	3.7	4.0	92.5%	3.2	4.0	80.0%	14.5%
1,1-Dichloroethene	4.5	4.0	112%	3.8	4.0	95.0%	16.9%
1,1-Dichloroethane	4.1	4.0	102%	3.6	4.0	90.0%	13.0%
trans-1,2-Dichloroethene	3.6	4.0	90.0%	3.3	4.0	82.5%	8.7%
cis-1,2-Dichloroethene	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
Chloroform	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
1,2-Dichloroethane	4.2	4.0	105%	4.1	4.0	102%	2.4%
2-Butanone	16.4	20.0	82.0%	16.8	20.0	84.0%	2.4%
1,1,1-Trichloroethane	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
Carbon Tetrachloride	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Vinyl Acetate	4.3	4.0	108%	4.1	4.0	102%	4.8%
Bromodichloromethane	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
1,2-Dichloropropane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
cis-1,3-Dichloropropene	4.5	4.0	112%	4.4	4.0	110%	2.2%
Trichloroethene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Dibromochloromethane	3.3	4.0	82.5%	3.6	4.0	90.0%	8.7%
1,1,2-Trichloroethane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Benzene	4.3	4.0	108%	4.0	4.0	100%	7.2%
trans-1,3-Dichloropropene	4.6	4.0	115%	4.6	4.0	115%	0.0%
2-Chloroethylvinylether	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Bromoform	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
4-Methyl-2-Pentanone (MIBK)	20.7	20.0	104%	21.0	20.0	105%	1.4%
2-Hexanone	19.6	20.0	98.0%	20.1	20.0	100%	2.5%
Tetrachloroethene	4.1	4.0	102%	4.1	4.0	102%	0.0%
1,1,2,2-Tetrachloroethane	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Toluene	4.4	4.0	110%	4.3	4.0	108%	2.3%
Chlorobenzene	4.2	4.0	105%	4.0	4.0	100%	4.9%
Ethylbenzene	4.9	4.0	122%	4.6	4.0	115%	6.3%
Styrene	4.4	4.0	110%	4.3	4.0	108%	2.3%
Trichlorofluoromethane	4.7	4.0	118%	4.0	4.0	100%	16.1%
1,1,2-Trichloro-1,2,2-trifl	4.9	4.0	122%	4.1	4.0	102%	17.8%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-111604

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LCS/LCSD

Lab Sample ID: LCS-111604

QC Report No: HI24-URS Corp

LIMS ID: 04-19420

Project: LMC Lindsay Monthly GW
807

Matrix: Water

Date Analyzed: 11/16/04 10:02

Purge Volume: 20.0 mL

LCSD: 11/16/04 10:46

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	9.4	8.0	118%	9.0	8.0	112%	4.3%
o-Xylene	4.2	4.0	105%	4.1	4.0	102%	2.4%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.0%	86.9%
d8-Toluene	105%	103%
Bromofluorobenzene	93.3%	89.8%
d4-1,2-Dichlorobenzene	89.4%	89.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MB-111604

Page 1 of 1

METHOD BLANK

Lab Sample ID: MB-111604

QC Report No: HI24-URS Corp

LIMS ID: 04-19409

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 11/29/04

Date Received: NA

Instrument/Analyst: FINN5/PKC

Sample Amount: 5.00 mL

Date Analyzed: 11/16/04 13:28

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.2%
d8-Toluene	89.2%
Bromofluorobenzene	85.7%
d4-1,2-Dichlorobenzene	87.6%

000033

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-111804

METHOD BLANK

Lab Sample ID: MB-111804

LIMS ID: 04-19412

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PKC

Date Analyzed: 11/18/04 11:20

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	90.2%
d8-Toluene	91.5%
Bromofluorobenzene	84.3%
d4-1,2-Dichlorobenzene	91.9%

000034

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: DUPLICATE
SAMPLE

Lab Sample ID: HI24A

LIMS ID: 04-19409

Matrix: Water

Data Release Authorized: *AS*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled:

Date Received: 11/09/04

Instrument/Analyst: FINN5/PKC

Date Analyzed: 11/16/04 21:10

Sample Amount: 0.50 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	10	< 10 U <i>UJ</i>
74-83-9	Bromomethane	10	< 10 U
75-01-4	Vinyl Chloride	10	< 10 U
75-00-3	Chloroethane	10	< 10 U
75-09-2	Methylene Chloride	20	< 20 U
67-64-1	Acetone	50	< 50 U
75-15-0	Carbon Disulfide	10	< 10 U
75-35-4	1,1-Dichloroethene	10	970
75-34-3	1,1-Dichloroethane	10	93
156-60-5	trans-1,2-Dichloroethene	10	< 10 U
156-59-2	cis-1,2-Dichloroethene	10	10
67-66-3	Chloroform	10	< 10 U
107-06-2	1,2-Dichloroethane	10	< 10 U
78-93-3	2-Butanone	50	< 50 U
71-55-6	1,1,1-Trichloroethane	10	320
56-23-5	Carbon Tetrachloride	10	< 10 U
108-05-4	Vinyl Acetate	50	< 50 U
75-27-4	Bromodichloromethane	10	< 10 U
78-87-5	1,2-Dichloropropane	10	< 10 U
10061-01-5	cis-1,3-Dichloropropene	10	< 10 U
79-01-6	Trichloroethene	10	< 10 U
124-48-1	Dibromochloromethane	10	< 10 U
79-00-5	1,1,2-Trichloroethane	10	< 10 U
71-43-2	Benzene	10	< 10 U
10061-02-6	trans-1,3-Dichloropropene	10	< 10 U
110-75-8	2-Chloroethylvinylether	50	< 50 U <i>R</i>
75-25-2	Bromoform	10	< 10 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	50	< 50 U
591-78-6	2-Hexanone	50	< 50 U
127-18-4	Tetrachloroethene	10	520
79-34-5	1,1,2,2-Tetrachloroethane	10	< 10 U
108-88-3	Toluene	10	< 10 U
108-90-7	Chlorobenzene	10	< 10 U
100-41-4	Ethylbenzene	10	< 10 U
100-42-5	Styrene	10	< 10 U
75-69-4	Trichlorofluoromethane	10	< 10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	20	< 20 U
1330-20-7	m,p-Xylene	10	< 10 U
95-47-6	o-Xylene	10	< 10 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.2%
d8-Toluene	89.7%
Bromofluorobenzene	88.8%
d4-1,2-Dichlorobenzene	88.0%

000035

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: 87-3

11,797

Lab Sample ID: HI24C

LIMS ID: 04-19411

Matrix: Water

Data Release Authorized: 

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/08/04

Date Received: 11/09/04

Instrument/Analyst: FINN5/PKC

Date Analyzed: 11/16/04 21:39

Sample Amount: 0.50 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	10	< 10 U ^{UJ}
74-83-9	Bromomethane	10	< 10 U
75-01-4	Vinyl Chloride	10	< 10 U
75-00-3	Chloroethane	10	< 10 U
75-09-2	Methylene Chloride	20	< 20 U
67-64-1	Acetone	50	< 50 U
75-15-0	Carbon Disulfide	10	< 10 U
75-35-4	1,1-Dichloroethene	10	930
75-34-3	1,1-Dichloroethane	10	90
156-60-5	trans-1,2-Dichloroethene	10	< 10 U
156-59-2	cis-1,2-Dichloroethene	10	10
67-66-3	Chloroform	10	< 10 U
107-06-2	1,2-Dichloroethane	10	< 10 U
78-93-3	2-Butanone	50	< 50 U
71-55-6	1,1,1-Trichloroethane	10	300
56-23-5	Carbon Tetrachloride	10	< 10 U
108-05-4	Vinyl Acetate	50	< 50 U
75-27-4	Bromodichloromethane	10	< 10 U
78-87-5	1,2-Dichloropropane	10	< 10 U
10061-01-5	cis-1,3-Dichloropropene	10	< 10 U
79-01-6	Trichloroethene	10	< 10 U
124-48-1	Dibromochloromethane	10	< 10 U
79-00-5	1,1,2-Trichloroethane	10	< 10 U
71-43-2	Benzene	10	< 10 U
10061-02-6	trans-1,3-Dichloropropene	10	< 10 U
110-75-8	2-Chloroethylvinylether	50	< 50 U ^R
75-25-2	Bromoform	10	< 10 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	50	< 50 U
591-78-6	2-Hexanone	50	< 50 U
127-18-4	Tetrachloroethene	10	520
79-34-5	1,1,2,2-Tetrachloroethane	10	< 10 U
108-88-3	Toluene	10	< 10 U
108-90-7	Chlorobenzene	10	< 10 U
100-41-4	Ethylbenzene	10	< 10 U
100-42-5	Styrene	10	< 10 U
75-69-4	Trichlorofluoromethane	10	< 10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	< 20 U
1330-20-7	m,p-Xylene	10	< 10 U
95-47-6	o-Xylene	10	< 10 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.2%
d8-Toluene	90.3%
Bromofluorobenzene	87.1%
d4-1,2-Dichlorobenzene	89.4%

000036

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLER'S STOCK TANK PEN #7
11,798

Lab Sample ID: HI24D

LIMS ID: 04-19412

Matrix: Water

Data Release Authorized: *MS*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: 11/08/04

Date Received: 11/09/04

Instrument/Analyst: FINN3/PKC

Date Analyzed: 11/18/04 14:30

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	6.1 DNR
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	31
75-34-3	1,1-Dichloroethane	1.0	15
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.4
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	27
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
79-01-6	Trichloroethene	1.0	1.3
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U <i>UR</i>
75-25-2	Bromoform	1.0	< 1.0 U <i>UJ</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>UJ</i>
127-18-4	Tetrachloroethene	1.0	110
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	89.8%
d8-Toluene	92.1%
Bromofluorobenzene	83.6%
d4-1,2-Dichlorobenzene	91.6%

81-405

000037

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: BELLER'S STOCK TANK PEN #6
11,799

Lab Sample ID: HI24E

QC Report No: HI24-URS Corp

LIMS ID: 04-19413

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/08/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINN3/PKC

Sample Amount: 5.00 mL

Date Analyzed: 11/18/04 14:58

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	29
75-34-3	1,1-Dichloroethane	1.0	14
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.4
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	27
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U <i>WJ</i>
79-01-6	Trichloroethene	1.0	1.3
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U <i>WJ</i>
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U <i>R</i>
75-25-2	Bromoform	1.0	< 1.0 U <i>WJ</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>WJ</i>
127-18-4	Tetrachloroethene	1.0	120
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.0%
d8-Toluene	94.2%
Bromofluorobenzene	85.1%
d4-1,2-Dichlorobenzene	90.6%

11-4-05

000038

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: BELLER'S NEW STOCK WELL

Page 1 of 1

11,800

Lab Sample ID: HI24F

QC Report No: HI24-URS Corp

LIMS ID: 04-19414

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/08/04

Reported: 11/29/04

Date Received: 11/09/04

Instrument/Analyst: FINN3/PKC

Sample Amount: 5.00 mL

Date Analyzed: 11/18/04 15:25

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	38
75-34-3	1,1-Dichloroethane	1.0	16
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.5
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	31
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
79-01-6	Trichloroethene	1.0	1.5
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U <i>R</i>
75-25-2	Bromoform	1.0	< 1.0 U <i>UJ</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>UJ</i>
127-18-4	Tetrachloroethene	1.0	120
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.7%
d8-Toluene	96.0%
Bromofluorobenzene	83.9%
d4-1,2-Dichlorobenzene	91.5%

11-4-05

000039

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-111604

LCS/LCSD

Lab Sample ID: LCS-111604

LIMS ID: 04-19409

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN5/PKC

LCSD: FINN5/PKC

Date Analyzed LCS: 11/16/04 12:20

LCSD: 11/16/04 12:59

Sample Amount LCS: 5.00 mL

LCSD: 5.00 mL

Purge Volume LCS: 5.0 mL

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	27.0	50.0	54.0%	27.6	50.0	55.2%	2.2%
Bromomethane	52.1	50.0	104%	56.9	50.0	114%	8.8%
Vinyl Chloride	43.5	50.0	87.0%	46.7	50.0	93.4%	7.1%
Chloroethane	50.3	50.0	101%	53.7	50.0	107%	6.5%
Methylene Chloride	42.9	50.0	85.8%	46.7	50.0	93.4%	8.5%
Acetone	320	250	128%	328	250	131%	2.5%
Carbon Disulfide	42.5	50.0	85.0%	45.6	50.0	91.2%	7.0%
1,1-Dichloroethene	49.5	50.0	99.0%	54.2	50.0	108%	9.1%
1,1-Dichloroethane	42.8	50.0	85.6%	48.3	50.0	96.6%	12.1%
trans-1,2-Dichloroethene	43.9	50.0	87.8%	46.9	50.0	93.8%	6.6%
cis-1,2-Dichloroethene	43.3	50.0	86.6%	48.1	50.0	96.2%	10.5%
Chloroform	42.9	50.0	85.8%	47.2	50.0	94.4%	9.5%
1,2-Dichloroethane	45.8	50.0	91.6%	47.9	50.0	95.8%	4.5%
2-Butanone	225	250	90.0%	254	250	102%	12.1%
1,1,1-Trichloroethane	42.2	50.0	84.4%	48.1	50.0	96.2%	13.1%
Carbon Tetrachloride	47.2	50.0	94.4%	48.9	50.0	97.8%	3.5%
Vinyl Acetate	42.9	50.0	85.8%	49.4	50.0	98.8%	14.1%
Bromodichloromethane	49.1	50.0	98.2%	50.5	50.0	101%	2.8%
1,2-Dichloropropane	46.2	50.0	92.4%	49.3	50.0	98.6%	6.5%
cis-1,3-Dichloropropene	44.2	50.0	88.4%	45.3	50.0	90.6%	2.5%
Trichloroethene	47.0	50.0	94.0%	48.4	50.0	96.8%	2.9%
Dibromochloromethane	48.8	50.0	97.6%	52.0	50.0	104%	6.3%
1,1,2-Trichloroethane	50.0	50.0	100%	51.9	50.0	104%	3.7%
Benzene	46.8	50.0	93.6%	49.1	50.0	98.2%	4.8%
trans-1,3-Dichloropropene	42.1	50.0	84.2%	44.2	50.0	88.4%	4.9%
2-Chloroethylvinylether	47.2	50.0	94.4%	48.9	50.0	97.8%	3.5%
Bromoform	41.7	50.0	83.4%	45.3	50.0	90.6%	8.3%
4-Methyl-2-Pentanone (MIBK)	249	250	99.6%	266	250	106%	6.6%
2-Hexanone	243	250	97.2%	255	250	102%	4.8%
Tetrachloroethene	46.7	50.0	93.4%	48.2	50.0	96.4%	3.2%
1,1,2,2-Tetrachloroethane	43.7	50.0	87.4%	46.4	50.0	92.8%	6.0%
Toluene	49.3	50.0	98.6%	50.9	50.0	102%	3.2%
Chlorobenzene	48.7	50.0	97.4%	50.1	50.0	100%	2.8%
Ethylbenzene	48.4	50.0	96.8%	50.4	50.0	101%	4.0%
Styrene	51.9	50.0	104%	53.8	50.0	108%	3.6%
Trichlorofluoromethane	54.5	50.0	109%	61.7	50.0	123%	12.4%
1,1,2-Trichloro-1,2,2-trifluoroethane	58.9	50.0	118%	66.0	50.0	132%	11.4%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-111604

LCS/LCSD

Lab Sample ID: LCS-111604

LIMS ID: 04-19409

Matrix: Water

Date Analyzed: 11/16/04 12:20

LCSD: 11/16/04 12:59

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Purge Volume: 5.0 mL

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	103	100	103%	103	100	103%	0.0%
o-Xylene	48.3	50.0	96.6%	51.1	50.0	102%	5.6%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	84.3%	89.2%
d8-Toluene	94.1%	90.6%
Bromofluorobenzene	90.2%	86.8%
d4-1,2-Dichlorobenzene	88.6%	89.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-111804

LCS/LCSD

Lab Sample ID: LCS-111804

LIMS ID: 04-19412

Matrix: Water

Data Release Authorized:

Reported: 11/29/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PKC

LCSD: FINN3/PKC

Date Analyzed LCS: 11/18/04 10:24

LCSD: 11/18/04 10:53

Sample Amount LCS: 5.00 mL

LCSD: 5.00 mL

Purge Volume LCS: 5.0 mL

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	48.1	50.0	96.2%	43.9	50.0	87.8%	9.1%
Bromomethane	55.1	50.0	110%	50.9	50.0	102%	7.9%
Vinyl Chloride	49.8	50.0	99.6%	46.8	50.0	93.6%	6.2%
Chloroethane	56.9	50.0	114%	51.9	50.0	104%	9.2%
Methylene Chloride	57.6	50.0	115%	54.4	50.0	109%	5.7%
Acetone	233	250	93.2%	273	250	109%	15.8%
Carbon Disulfide	62.9	50.0	126%	59.9	50.0	120%	4.9%
1,1-Dichloroethene	56.8	50.0	114%	52.3	50.0	105%	8.2%
1,1-Dichloroethane	55.7	50.0	111%	50.9	50.0	102%	9.0%
trans-1,2-Dichloroethene	57.6	50.0	115%	52.3	50.0	105%	9.6%
cis-1,2-Dichloroethene	56.5	50.0	113%	51.3	50.0	103%	9.6%
Chloroform	54.1	50.0	108%	49.6	50.0	99.2%	8.7%
1,2-Dichloroethane	49.2	50.0	98.4%	45.6	50.0	91.2%	7.6%
2-Butanone	225	250	90.0%	265	250	106%	16.3%
1,1,1-Trichloroethane	46.3	50.0	92.6%	42.5	50.0	85.0%	8.6%
Carbon Tetrachloride	49.7	50.0	99.4%	45.1	50.0	90.2%	9.7%
Vinyl Acetate	48.9	50.0	97.8%	51.3	50.0	103%	4.8%
Bromodichloromethane	55.3	50.0	111%	49.1	50.0	98.2%	11.9%
1,2-Dichloropropane	52.9	50.0	106%	47.6	50.0	95.2%	10.5%
cis-1,3-Dichloropropene	40.6	50.0	81.2%	35.5	50.0	71.0%	13.4%
Trichloroethene	54.6	50.0	109%	48.6	50.0	97.2%	11.6%
Dibromochloromethane	45.0	50.0	90.0%	40.9	50.0	81.8%	9.5%
1,1,2-Trichloroethane	54.3	50.0	109%	51.4	50.0	103%	5.5%
Benzene	56.2	50.0	112%	51.6	50.0	103%	8.5%
trans-1,3-Dichloropropene	37.2	50.0	74.4%	34.0	50.0	68.0%	9.0%
2-Chloroethylvinylether	34.2	50.0	68.4%	35.8	50.0	71.6%	4.6%
Bromoform	40.2	50.0	80.4%	36.6	50.0	73.2%	9.4%
4-Methyl-2-Pentanone (MIBK)	214	250	85.6%	241	250	96.4%	11.9%
2-Hexanone	176	250	70.4%	212	250	84.8%	18.6%
Tetrachloroethene	55.7	50.0	111%	50.4	50.0	101%	10.0%
1,1,2,2-Tetrachloroethane	50.7	50.0	101%	48.3	50.0	96.6%	4.8%
Toluene	58.4	50.0	117%	53.4	50.0	107%	8.9%
Chlorobenzene	55.8	50.0	112%	51.5	50.0	103%	8.0%
Ethylbenzene	60.8	50.0	122%	55.4	50.0	111%	9.3%
Styrene	60.1	50.0	120%	56.5	50.0	113%	6.2%
Trichlorofluoromethane	55.5	50.0	111%	51.6	50.0	103%	7.3%
1,1,2-Trichloro-1,2,2-trifluoroethane	160.5	50.0	121%	59.3	50.0	119%	2.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-111804

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LCS/LCSD

Lab Sample ID: LCS-111804

QC Report No: HI24-URS Corp

LIMS ID: 04-19412

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Date Analyzed: 11/18/04 10:24

Purge Volume: 5.0 mL

LCSD: 11/18/04 10:53

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	120	100	120%	109	100	109%	9.6%
o-Xylene	56.1	50.0	112%	52.4	50.0	105%	6.8%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	85.7%	89.9%
d8-Toluene	97.6%	95.3%
Bromofluorobenzene	90.1%	89.4%
d4-1,2-Dichlorobenzene	87.8%	90.9%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MB-111704

Page 1 of 1

METHOD BLANK

Lab Sample ID: MB-111704

QC Report No: HI50-URS Corp

LIMS ID: 04-19579

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 12/01/04

Date Received: NA

Instrument/Analyst: FINN1/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/17/04 11:58

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.5
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.4%
d8-Toluene	110%
Bromofluorobenzene	87.9%
d4-1,2-Dichlorobenzene	98.0%

000045

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

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Sample ID: MB-112204

METHOD BLANK

Lab Sample ID: MB-112204

LIMS ID: 04-19577

Matrix: Water

Data Release Authorized: *PS*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/22/04 11:57

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	93.4%
d8-Toluene	106%
Bromofluorobenzene	84.4%
d4-1,2-Dichlorobenzene	96.8%

000046

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-112304

METHOD BLANK

Lab Sample ID: MB-112304

LIMS ID: 04-19587

Matrix: Water

Data Release Authorized: 

Reported: 12/01/04

QC Report No: H150-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/23/04 12:56

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.2%
d8-Toluene	99.4%
Bromofluorobenzene	81.4%
d4-1,2-Dichlorobenzene	95.0%

000047

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: OI WELL

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11,807

Lab Sample ID: HI50D

QC Report No: HI50-URS Corp

LIMS ID: 04-19577

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/09/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst: FINNI/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/22/04 14:39

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U DNR
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	21 E
75-34-3	1,1-Dichloroethane	0.2	6.4
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	3.4
67-66-3	Chloroform	0.2	0.2
107-06-2	1,2-Dichloroethane	0.2	0.3
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	33 E
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.4
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	0.3
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	21
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	112%
Bromofluorobenzene	90.0%
d4-1,2-Dichlorobenzene	106%

11-4-05

000048

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 92-3A WELL

Page 1 of 1

11,808

Lab Sample ID: HI50E

QC Report No: HI50-URS Corp

LIMS ID: 04-19578

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: 

Date Sampled: 11/09/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst: PINN1/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/22/04 15:10

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	2.7
75-34-3	1,1-Dichloroethane	0.2	1.4
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.5
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	34 E DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.2
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	18 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	119%
Bromofluorobenzene	97.5%
d4-1,2-Dichlorobenzene	106%

11-4-05

000049

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: 92-3B WELL

11,809

Lab Sample ID: HI50F

LIMS ID: 04-19579

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/17/04 19:50

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.5 M DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	2.4
75-34-3	1,1-Dichloroethane	0.2	0.2
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	4.6
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	4.3
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	112%
Bromofluorobenzene	87.5%
d4-1,2-Dichlorobenzene	102%

#1-4-05

000050

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: TI WELL
11,810

Lab Sample ID: HI50G

LIMS ID: 04-19580

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: PINN1/JA

Date Analyzed: 11/17/04 20:19

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>U</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.5%
d8-Toluene	110%
Bromofluorobenzene	87.2%
d4-1,2-Dichlorobenzene	99.2%

11-4-05

000051

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: ANTHONY KLASSEN IRR.
11,811

Lab Sample ID: HI50H

QC Report No: HI50-URS Corp

LIMS ID: 04-19581

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/09/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst: FINN1/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/17/04 20:49

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.2 M DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	0.6
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	1.1
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.7
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.0%
d8-Toluene	114%
Bromofluorobenzene	87.8%
d4-1,2-Dichlorobenzene	107%

11-4-05
000052

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: JOHN KLASSEN IRR.
11,812

Lab Sample ID: HI501

LIMS ID: 04-19582

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/22/04 15:41

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.1 M DJR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	120%
Bromofluorobenzene	94.8%
d4-1,2-Dichlorobenzene	109%

21-4-05

000053

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: PREISTER'S OLD DOMESTIC
11,814

Lab Sample ID: HI50K

QC Report No: HI50-URS Corp

LIMS ID: 04-19584

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized:

Date Sampled: 11/10/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst: FINNI/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/22/04 16:12

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	8.5
75-34-3	1,1-Dichloroethane	0.2	1.0
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	14
56-23-5	Carbon Tetrachloride	0.2	0.3
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	8.3
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	114%
d8-Toluene	117%
Bromofluorobenzene	96.5%
d4-1,2-Dichlorobenzene	113%

11-4-05

000054

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: PREISTER'S NEW IRRIG.
11,815

Lab Sample ID: HI50L

LIMS ID: 04-19585

Matrix: Water

Data Release Authorized:

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/10/04

Date Received: 11/11/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/22/04 16:42

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.1 MDNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	44 E DNR
75-34-3	1,1-Dichloroethane	0.2	5.5
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	2.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	57 E DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.8
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	27 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	118%
Bromofluorobenzene	94.5%
d4-1,2-Dichlorobenzene	108%

8/1-4-05

000055

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: TRIP BLANK

11,816

Lab Sample ID: HI50M

LIMS ID: 04-19586

Matrix: Water

Data Release Authorized: *AB*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/10/04

Date Received: 11/11/04

Instrument/Analyst: FINNI/JA

Date Analyzed: 11/22/04 17:13

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	5.4 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.7
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ²
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	121%
Bromofluorobenzene	96.0%
d4-1,2-Dichlorobenzene	112%

11-4-05

000056

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MARTISCHANG IRRIG.

Page 1 of 1

11,817

Lab Sample ID: HISON

QC Report No: HI50-URS Corp

LIMS ID: 04-19587

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/10/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst: FINN1/JA

Sample Amount: 20.0 mL

Date Analyzed: 11/22/04 17:44

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	117%
Bromofluorobenzene	92.0%
d4-1,2-Dichlorobenzene	102%

11-4-05

000057

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: LAB TRIP BLANK
SAMPLE

Lab Sample ID: HI500

LIMS ID: 04-19588

Matrix: Water

Data Release Authorized: *AS*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled:

Date Received: 11/11/04

Instrument/Analyst: FINN1/JA

Date Analyzed: 11/23/04 20:03

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.4 ^u
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	103%
d8-Toluene	104%
Bromofluorobenzene	84.8%
d4-1,2-Dichlorobenzene	98.3%

9/1-4-05

000060

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MARTISCHANG IRRIG.

Page 1 of 1

MS/MSD

Lab Sample ID: HI50N

QC Report No: HI50-URS Corp

LIMS ID: 04-19587

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized:

Date Sampled: 11/10/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst MS: FINN1/JA

Sample Amount MS: 20.0 mL

MSD: FINN1/JA

MSD: 20.0 mL

Date Analyzed MS: 11/23/04 15:07

Purge Volume MS: 20.0 mL

MSD: 11/23/04 15:26

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Bromomethane	< 0.2	3.8	4.0	95.0%	4.3	4.0	108%	12.3%
Vinyl Chloride	< 0.2	4.2	4.0	105%	4.1	4.0	102%	2.4%
Chloroethane	< 0.2	4.1	4.0	102%	4.0	4.0	100%	2.5%
Methylene Chloride	< 0.3	4.3	4.0	108%	4.1	4.0	102%	4.8%
Acetone	< 1.0	24.1	20.0	120%	20.3	20.0	102%	17.1%
Carbon Disulfide	< 0.2	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
1,1-Dichloroethene	< 0.2	4.3	4.0	108%	4.0	4.0	100%	7.2%
1,1-Dichloroethane	< 0.2	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
trans-1,2-Dichloroethene	< 0.2	3.6	4.0	90.0%	3.3	4.0	82.5%	8.7%
cis-1,2-Dichloroethene	< 0.2	3.9	4.0	97.5%	3.5	4.0	87.5%	10.8%
Chloroform	< 0.2	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
1,2-Dichloroethane	< 0.2	4.1	4.0	102%	3.4	4.0	85.0%	18.7%
2-Butanone	< 1.0	22.6	20.0	113%	18.3	20.0	91.5%	21.0%
1,1,1-Trichloroethane	< 0.2	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
Carbon Tetrachloride	< 0.2	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Vinyl Acetate	< 0.2	4.6	4.0	115%	3.9	4.0	97.5%	16.5%
Bromodichloromethane	< 0.2	4.1	4.0	102%	3.6	4.0	90.0%	13.0%
1,2-Dichloropropane	< 0.2	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
cis-1,3-Dichloropropene	< 0.2	4.0	4.0	100%	3.3	4.0	82.5%	19.2%
Trichloroethene	< 0.2	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
Dibromochloromethane	< 0.2	3.8	4.0	95.0%	3.4	4.0	85.0%	11.1%
1,1,2-Trichloroethane	< 0.2	4.3	4.0	108%	3.6	4.0	90.0%	17.7%
Benzene	< 0.2	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
trans-1,3-Dichloropropene	< 0.2	4.1	4.0	102%	3.5	4.0	87.5%	15.8%
2-Chloroethylvinylether	< 0.5	< 0.5	4.0	NA	< 0.5	4.0	NA	NA
Bromoform	< 0.2	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
4-Methyl-2-Pentanone (MIBK)	< 1.0	21.8	20.0	109%	17.4	20.0	87.0%	22.4%
2-Hexanone	< 1.0	20.9	20.0	104%	18.1	20.0	90.5%	14.4%
Tetrachloroethene	< 0.2	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
1,1,2,2-Tetrachloroethane	< 0.2	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
Toluene	< 0.2	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
Chlorobenzene	< 0.2	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Ethylbenzene	< 0.2	3.9	4.0	97.5%	3.9	4.0	97.5%	0.0%
Styrene	< 0.2	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Trichlorofluoromethane	< 0.2	4.2	4.0	105%	3.9	4.0	97.5%	7.4%
1,1,2-Trichloro-1,2,2-trifl	< 0.2	4.5	4.0	112%	4.1	4.0	102%	9.3%
m,p-Xylene	< 0.4	7.7	8.0	96.2%	7.7	8.0	96.2%	0.0%
o-Xylene	< 0.2	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

000061

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-111704

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LCS/LCSD

Lab Sample ID: LCS-111704

QC Report No: HI50-URS Corp

LIMS ID: 04-19579

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized:

Date Sampled: NA

Reported: 12/01/04

Date Received: NA

Instrument/Analyst LCS: FINN1/JA

Sample Amount LCS: 20.0 mL

LCSD: FINN1/JA

LCSD: 20.0 mL

Date Analyzed LCS: 11/17/04 10:44

Purge Volume LCS: 20.0 mL

LCSD: 11/17/04 11:28

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
Bromomethane	4.8	4.0	120%	4.5	4.0	112%	6.5%
Vinyl Chloride	3.9	4.0	97.5%	3.5	4.0	87.5%	10.8%
Chloroethane	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Methylene Chloride	4.8	4.0	120%	4.7	4.0	118%	2.1%
Acetone	22.0	20.0	110%	21.9	20.0	110%	0.5%
Carbon Disulfide	3.0	4.0	75.0%	2.8	4.0	70.0%	6.9%
1,1-Dichloroethene	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
1,1-Dichloroethane	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
trans-1,2-Dichloroethene	3.2	4.0	80.0%	3.2	4.0	80.0%	0.0%
cis-1,2-Dichloroethene	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Chloroform	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
1,2-Dichloroethane	4.2	4.0	105%	4.1	4.0	102%	2.4%
2-Butanone	15.7	20.0	78.5%	15.0	20.0	75.0%	4.6%
1,1,1-Trichloroethane	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
Carbon Tetrachloride	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Vinyl Acetate	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Bromodichloromethane	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
1,2-Dichloropropane	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
cis-1,3-Dichloropropene	4.4	4.0	110%	4.3	4.0	108%	2.3%
Trichloroethene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Dibromochloromethane	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
1,1,2-Trichloroethane	3.9	4.0	97.5%	3.9	4.0	97.5%	0.0%
Benzene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
trans-1,3-Dichloropropene	4.6	4.0	115%	4.5	4.0	112%	2.2%
2-Chloroethylvinylether	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
Bromoform	3.5	4.0	87.5%	3.6	4.0	90.0%	2.8%
4-Methyl-2-Pentanone (MIBK)	19.6	20.0	98.0%	20.3	20.0	102%	3.5%
2-Hexanone	19.3	20.0	96.5%	18.4	20.0	92.0%	4.8%
Tetrachloroethene	4.2	4.0	105%	4.0	4.0	100%	4.9%
1,1,2,2-Tetrachloroethane	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Toluene	4.4	4.0	110%	4.2	4.0	105%	4.7%
Chlorobenzene	4.2	4.0	105%	4.0	4.0	100%	4.9%
Ethylbenzene	4.6	4.0	115%	4.4	4.0	110%	4.4%
Styrene	4.4	4.0	110%	4.2	4.0	105%	4.7%
Trichlorofluoromethane	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,1,2-Trichloro-1,2,2-trifl	4.4	4.0	110%	4.1	4.0	102%	7.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-111704

Page 2 of 2

LCS/LCSD

Lab Sample ID: LCS-111704

QC Report No: HI50-URS Corp

LIMS ID: 04-19579

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 11/17/04 10:44

Purge Volume: 20.0 mL

LCSD: 11/17/04 11:28

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	9.3	8.0	116%	8.6	8.0	108%	7.8%
o-Xylene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	88.6%	96.9%
d8-Toluene	106%	110%
Bromofluorobenzene	95.4%	95.8%
d4-1,2-Dichlorobenzene	92.8%	96.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 2Sample ID: LCS-112204
LCS/LCSD

Lab Sample ID: LCS-112204

LIMS ID: 04-19577

Matrix: Water

Data Release Authorized: *BB*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/JA

Sample Amount LCS: 20.0 mL

LCSD: FINN1/JA

LCSD: 20.0 mL

Date Analyzed LCS: 11/22/04 10:53

Purge Volume LCS: 20.0 mL

LCSD: 11/22/04 11:26

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
Bromomethane	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
Vinyl Chloride	4.3	4.0	108%	3.9	4.0	97.5%	9.8%
Chloroethane	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
Methylene Chloride	4.4	4.0	110%	3.8	4.0	95.0%	14.6%
Acetone	22.8	20.0	114%	17.8	20.0	89.0%	24.6%
Carbon Disulfide	4.3	4.0	108%	3.9	4.0	97.5%	9.8%
1,1-Dichloroethene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
1,1-Dichloroethane	3.9	4.0	97.5%	3.5	4.0	87.5%	10.8%
trans-1,2-Dichloroethene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
cis-1,2-Dichloroethene	4.0	4.0	100%	3.5	4.0	87.5%	13.3%
Chloroform	4.1	4.0	102%	3.6	4.0	90.0%	13.0%
1,2-Dichloroethane	4.2	4.0	105%	3.5	4.0	87.5%	18.2%
2-Butanone	24.3	20.0	122%	18.0	20.0	90.0%	29.8%
1,1,1-Trichloroethane	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
Carbon Tetrachloride	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Vinyl Acetate	5.0	4.0	125%	4.0	4.0	100%	22.2%
Bromodichloromethane	4.2	4.0	105%	3.6	4.0	90.0%	15.4%
1,2-Dichloropropane	4.1	4.0	102%	3.5	4.0	87.5%	15.8%
cis-1,3-Dichloropropene	4.3	4.0	108%	3.6	4.0	90.0%	17.7%
Trichloroethene	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Dibromochloromethane	4.3	4.0	108%	3.6	4.0	90.0%	17.7%
1,1,2-Trichloroethane	4.6	4.0	115%	3.7	4.0	92.5%	21.7%
Benzene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
trans-1,3-Dichloropropene	4.4	4.0	110%	3.6	4.0	90.0%	20.0%
2-Chloroethylvinylether	4.7	4.0	118%	3.6	4.0	90.0%	26.5%
Bromoform	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
4-Methyl-2-Pentanone (MIBK)	23.7	20.0	118%	19.2	20.0	96.0%	21.0%
2-Hexanone	22.8	20.0	114%	18.8	20.0	94.0%	19.2%
Tetrachloroethene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
1,1,2,2-Tetrachloroethane	4.0	4.0	100%	3.5	4.0	87.5%	13.3%
Toluene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
Chlorobenzene	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
Ethylbenzene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
Styrene	4.3	4.0	108%	3.8	4.0	95.0%	12.3%
Trichlorofluoromethane	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
1,1,2-Trichloro-1,2,2-trifl	4.3	4.0	108%	4.0	4.0	100%	7.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-112204

Page 2 of 2

LCS/LCSD

Lab Sample ID: LCS-112204

QC Report No: HI50-URS Corp

LIMS ID: 04-19577

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 11/22/04 10:53

Purge Volume: 20.0 mL

LCSD: 11/22/04 11:26

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	7.9	8.0	98.8%	7.6	8.0	95.0%	3.9%
o-Xylene	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	112%	94.3%
d8-Toluene	110%	105%
Bromofluorobenzene	102%	95.0%
d4-1,2-Dichlorobenzene	97.8%	93.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-112304

LCS/LCSD

Lab Sample ID: LCS-112304

LIMS ID: 04-19587

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/JA

LCSD: FINN1/JA

Date Analyzed LCS: 11/23/04 11:52

LCSD: 11/23/04 12:26

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
Bromomethane	4.6	4.0	115%	4.4	4.0	110%	4.4%
Vinyl Chloride	4.3	4.0	108%	4.0	4.0	100%	7.2%
Chloroethane	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
Methylene Chloride	4.6	4.0	115%	4.3	4.0	108%	6.7%
Acetone	24.5	20.0	122%	21.4	20.0	107%	13.5%
Carbon Disulfide	3.8	4.0	95.0%	3.4	4.0	85.0%	11.1%
1,1-Dichloroethene	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,1-Dichloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
cis-1,2-Dichloroethene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
Chloroform	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
1,2-Dichloroethane	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
2-Butanone	24.5	20.0	122%	21.0	20.0	105%	15.4%
1,1,1-Trichloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Carbon Tetrachloride	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
Vinyl Acetate	4.8	4.0	120%	4.1	4.0	102%	15.7%
Bromodichloromethane	4.2	4.0	105%	3.6	4.0	90.0%	15.4%
1,2-Dichloropropane	3.9	4.0	97.5%	3.5	4.0	87.5%	10.8%
cis-1,3-Dichloropropene	4.1	4.0	102%	3.6	4.0	90.0%	13.0%
Trichloroethene	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
Dibromochloromethane	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
1,1,2-Trichloroethane	4.5	4.0	112%	3.8	4.0	95.0%	16.9%
Benzene	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
trans-1,3-Dichloropropene	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
2-Chloroethylvinylether	4.3	4.0	108%	3.5	4.0	87.5%	20.5%
Bromoform	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
4-Methyl-2-Pentanone (MIBK)	22.8	20.0	114%	19.9	20.0	99.5%	13.6%
2-Hexanone	21.7	20.0	108%	19.9	20.0	99.5%	8.7%
Tetrachloroethene	3.6	4.0	90.0%	3.3	4.0	82.5%	8.7%
1,1,2,2-Tetrachloroethane	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Toluene	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
Chlorobenzene	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Ethylbenzene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Styrene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
Trichlorofluoromethane	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
1,1,2-Trichloro-1,2,2-trifl	4.3	4.0	108%	4.0	4.0	100%	7.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-112304

LCS/LCSD

Lab Sample ID: LCS-112304

LIMS ID: 04-19587

Matrix: Water

Date Analyzed: 11/23/04 11:52

LCSD: 11/23/04 12:26

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Purge Volume: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	7.6	8.0	95.0%	7.1	8.0	88.8%	6.8%
o-Xylene	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	109%	105%
d8-Toluene	112%	105%
Bromofluorobenzene	97.9%	95.7%
d4-1,2-Dichlorobenzene	95.8%	92.6%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-111804

METHOD BLANK

Lab Sample ID: MB-111804

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized: *AB*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PKC

Date Analyzed: 11/18/04 11:20

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	90.2%
d8-Toluene	91.5%
Bromofluorobenzene	84.3%
d4-1,2-Dichlorobenzene	91.9%

000069

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-112304
METHOD BLANK

Lab Sample ID: MB-112304

QC Report No: H150-URS Corp

LIMS ID: 04-19585

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: 

Date Sampled: NA

Reported: 12/01/04

Date Received: NA

Instrument/Analyst: FINN3/JA

Sample Amount: 5.00 mL

Date Analyzed: 11/23/04 11:31

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	85.6%
d8-Toluene	89.5%
Bromofluorobenzene	83.4%
d4-1,2-Dichlorobenzene	90.8%

000070

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-12 WELL
REANALYSIS

Lab Sample ID: HI50A

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/JA

Date Analyzed: 11/23/04 12:15

Sample Amount: 1.67 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	3.0	< 3.0 U DNR
74-83-9	Bromomethane	3.0	< 3.0 U
75-01-4	Vinyl Chloride	3.0	< 3.0 U
75-00-3	Chloroethane	3.0	< 3.0 U
75-09-2	Methylene Chloride	6.0	< 6.0 U
67-64-1	Acetone	15	< 15 U
75-15-0	Carbon Disulfide	3.0	< 3.0 U
75-35-4	1,1-Dichloroethene	3.0	52
75-34-3	1,1-Dichloroethane	3.0	53
156-60-5	trans-1,2-Dichloroethene	3.0	< 3.0 U
156-59-2	cis-1,2-Dichloroethene	3.0	22
67-66-3	Chloroform	3.0	< 3.0 U
107-06-2	1,2-Dichloroethane	3.0	< 3.0 U
78-93-3	2-Butanone	15	< 15 U
71-55-6	1,1,1-Trichloroethane	3.0	81
56-23-5	Carbon Tetrachloride	3.0	< 3.0 U
108-05-4	Vinyl Acetate	15	< 15 U
75-27-4	Bromodichloromethane	3.0	< 3.0 U
78-87-5	1,2-Dichloropropane	3.0	< 3.0 U
10061-01-5	cis-1,3-Dichloropropene	3.0	< 3.0 U
79-01-6	Trichloroethene	3.0	7.2
124-48-1	Dibromochloromethane	3.0	< 3.0 U
79-00-5	1,1,2-Trichloroethane	3.0	< 3.0 U
71-43-2	Benzene	3.0	< 3.0 U
10061-02-6	trans-1,3-Dichloropropene	3.0	< 3.0 U
110-75-8	2-Chloroethylvinylether	15	< 15 U
75-25-2	Bromoform	3.0	< 3.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	15	< 15 U
591-78-6	2-Hexanone	15	< 15 U
127-18-4	Tetrachloroethene	3.0	240
79-34-5	1,1,2,2-Tetrachloroethane	3.0	< 3.0 U
108-88-3	Toluene	3.0	< 3.0 U
108-90-7	Chlorobenzene	3.0	< 3.0 U
100-41-4	Ethylbenzene	3.0	< 3.0 U
100-42-5	Styrene	3.0	< 3.0 U
75-69-4	Trichlorofluoromethane	3.0	< 3.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	< 6.0 U
1330-20-7	m,p-Xylene	3.0	< 3.0 U
95-47-6	o-Xylene	3.0	< 3.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.3%
d8-Toluene	91.7%
Bromofluorobenzene	84.5%
d4-1,2-Dichlorobenzene	89.5%

11-4-05

000074

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: 89-12 WELL

11,795

Lab Sample ID: HI50A

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized: *AB*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/PKC

Date Analyzed: 11/18/04 15:52

Sample Amount: 1.0 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	5.0	< 5.0 U
74-83-9	Bromomethane	5.0	< 5.0 U
75-01-4	Vinyl Chloride	5.0	< 5.0 U
75-00-3	Chloroethane	5.0	< 5.0 U
75-09-2	Methylene Chloride	10	< 10 U
67-64-1	Acetone	25	< 25 U
75-15-0	Carbon Disulfide	5.0	< 5.0 U
75-35-4	1,1-Dichloroethene	5.0	60
75-34-3	1,1-Dichloroethane	5.0	60
156-60-5	trans-1,2-Dichloroethene	5.0	< 5.0 U
156-59-2	cis-1,2-Dichloroethene	5.0	23
67-66-3	Chloroform	5.0	< 5.0 U
107-06-2	1,2-Dichloroethane	5.0	< 5.0 U
78-93-3	2-Butanone	25	< 25 U
71-55-6	1,1,1-Trichloroethane	5.0	86
56-23-5	Carbon Tetrachloride	5.0	< 5.0 U
108-05-4	Vinyl Acetate	25	< 25 U
75-27-4	Bromodichloromethane	5.0	< 5.0 U
78-87-5	1,2-Dichloropropane	5.0	< 5.0 U
10061-01-5	cis-1,3-Dichloropropene	5.0	< 5.0 U <i>WJ</i>
79-01-6	Trichloroethene	5.0	7.2
124-48-1	Dibromochloromethane	5.0	< 5.0 U
79-00-5	1,1,2-Trichloroethane	5.0	< 5.0 U
71-43-2	Benzene	5.0	< 5.0 U
10061-02-6	trans-1,3-Dichloropropene	5.0	< 5.0 U <i>WJ</i>
110-75-8	2-Chloroethylvinylether	25	< 25 U <i>R</i>
75-25-2	Bromoform	5.0	< 5.0 U <i>WJ</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	< 25 U
591-78-6	2-Hexanone	25	< 25 U <i>WJ</i>
127-18-4	Tetrachloroethene	5.0	240
79-34-5	1,1,2,2-Tetrachloroethane	5.0	< 5.0 U
108-88-3	Toluene	5.0	< 5.0 U
108-90-7	Chlorobenzene	5.0	< 5.0 U
100-41-4	Ethylbenzene	5.0	< 5.0 U
100-42-5	Styrene	5.0	< 5.0 U
75-69-4	Trichlorofluoromethane	5.0	< 5.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	< 10 U
1330-20-7	m,p-Xylene	5.0	< 5.0 U
95-47-6	o-Xylene	5.0	< 5.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.4%
d8-Toluene	94.7%
Bromofluorobenzene	82.5%
d4-1,2-Dichlorobenzene	91.2%

*1-405

000071

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 89-15 WELL

Page 1 of 1

11,805

Lab Sample ID: HI50B

QC Report No: HI50-URS Corp

LIMS ID: 04-19575

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/09/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/PKC

Sample Amount: 5.00 mL

Date Analyzed: 11/18/04 16:20

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	8.0 <i>DNR</i>
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	120
75-34-3	1,1-Dichloroethane	1.0	37
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	44
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	130
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U <i>US</i>
79-01-6	Trichloroethene	1.0	2.6
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U <i>US</i>
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U <i>US</i>
75-25-2	Bromoform	1.0	< 1.0 U <i>US</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>US</i>
127-18-4	Tetrachloroethene	1.0	120
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	90.0%
d8-Toluene	94.8%
Bromofluorobenzene	83.4%
d4-1,2-Dichlorobenzene	93.8%

9/1-4-05

000075

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: AOI WELL

11,806

Lab Sample ID: HI50C

LIMS ID: 04-19576

Matrix: Water

Data Release Authorized:

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/PKC

Date Analyzed: 11/18/04 16:47

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	14
75-34-3	1,1-Dichloroethane	1.0	5.1
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	2.4
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	16
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U UJ
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U UJ
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U R
75-25-2	Bromoform	1.0	< 1.0 U UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U UJ
127-18-4	Tetrachloroethene	1.0	18
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	91.4%
d8-Toluene	94.8%
Bromofluorobenzene	82.5%
d4-1,2-Dichlorobenzene	91.9%

9/1-4-05

000076

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: OI WELL
REANALYSIS

Lab Sample ID: HI50D

LIMS ID: 04-19577

Matrix: Water

Data Release Authorized: *AB*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/JA

Date Analyzed: 11/23/04 12:44

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	21
75-34-3	1,1-Dichloroethane	1.0	6.5
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	3.7
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U <i>UJ</i>
71-55-6	1,1,1-Trichloroethane	1.0	30
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U <i>R</i>
75-25-2	Bromoform	1.0	< 1.0 U <i>UJ</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>UJ</i>
127-18-4	Tetrachloroethene	1.0	24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.9%
d8-Toluene	94.1%
Bromofluorobenzene	84.5%
d4-1,2-Dichlorobenzene	88.9%

11-4-05

000077

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 92-3A WELL
REANALYSIS

Lab Sample ID: HI50E

LIMS ID: 04-19578

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/JA

Date Analyzed: 11/23/04 13:11

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	2.8
75-34-3	1,1-Dichloroethane	1.0	1.3
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U DNR
71-55-6	1,1,1-Trichloroethane	1.0	27
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	18
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	87.7%
d8-Toluene	93.6%
Bromofluorobenzene	81.8%
d4-1,2-Dichlorobenzene	91.5%

8-4-05
000078

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: WEYLAN NEAL IRR.

11,813

Lab Sample ID: HI50J

LIMS ID: 04-19583

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/09/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/PKC

Date Analyzed: 11/18/04 17:14

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	27
75-34-3	1,1-Dichloroethane	1.0	1.7
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	34
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U <i>UJ</i>
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U <i>U R</i>
75-25-2	Bromoform	1.0	< 1.0 U <i>UJ</i>
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>UJ</i>
127-18-4	Tetrachloroethene	1.0	22
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.0%
d8-Toluene	90.9%
Bromofluorobenzene	82.9%
d4-1,2-Dichlorobenzene	90.3%

9/1-4-05

000079

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: PREISTER'S NEW IRRIG.
REANALYSIS

Lab Sample ID: HI50L

LIMS ID: 04-19585

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/10/04

Date Received: 11/11/04

Instrument/Analyst: FINN3/JA

Date Analyzed: 11/23/04 13:39

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	83
75-34-3	1,1-Dichloroethane	1.0	5.8 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	2.7
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U DNR
71-55-6	1,1,1-Trichloroethane	1.0	110
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	30
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	87.0%
d8-Toluene	92.2%
Bromofluorobenzene	84.5%
d4-1,2-Dichlorobenzene	92.0%

11-4-05

000080

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 89-12 WELL

Page 1 of 1

MS/MSD

Lab Sample ID: HI50A

QC Report No: HI50-URS Corp

LIMS ID: 04-19574

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *AS*

Date Sampled: 11/09/04

Reported: 12/01/04

Date Received: 11/11/04

Instrument/Analyst MS: FINN3/PKC

Sample Amount MS: 1.0 mL

MSD: FINN3/PKC

MSD: 1.0 mL

Date Analyzed MS: 11/18/04 17:42

Purge Volume MS: 5.0 mL

MSD: 11/18/04 18:09

MSD: 5.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 5.0	334	250	134%	317	250	127%	5.2%
Bromomethane	< 5.0	310	250	124%	296	250	118%	4.6%
Vinyl Chloride	< 5.0	336	250	134%	308	250	123%	8.7%
Chloroethane	< 5.0	319	250	128%	295	250	118%	7.8%
Methylene Chloride	< 10.0	298	250	119%	280	250	112%	6.2%
Acetone	< 25.0	1510	1250	121%	1330	1250	106%	12.7%
Carbon Disulfide	< 5.0	358	250	143%	312	250	125%	13.7%
1,1-Dichloroethene	59.5	369	250	124%	338	250	111%	8.8%
1,1-Dichloroethane	60.0	340	250	112%	312	250	101%	8.6%
trans-1,2-Dichloroethene	< 5.0	293	250	117%	271	250	108%	7.8%
cis-1,2-Dichloroethene	22.6	310	250	115%	288	250	106%	7.4%
Chloroform	< 5.0	277	250	111%	252	250	101%	9.5%
1,2-Dichloroethane	< 5.0	248	250	99.2%	234	250	93.6%	5.8%
2-Butanone	< 25.0	1460	1250	117%	1320	1250	106%	10.1%
1,1,1-Trichloroethane	85.5	324	250	95.4%	298	250	85.0%	8.4%
Carbon Tetrachloride	< 5.0	246	250	98.4%	223	250	89.2%	9.8%
Vinyl Acetate	< 25.0	266	250	106%	238	250	95.2%	11.1%
Bromodichloromethane	< 5.0	274	250	110%	252	250	101%	8.4%
1,2-Dichloropropane	< 5.0	260	250	104%	244	250	97.6%	6.3%
cis-1,3-Dichloropropene	< 5.0	194	250	77.6%	177	250	70.8%	9.2%
Trichloroethene	7.2	272	250	106%	256	250	99.5%	6.1%
Dibromochloromethane	< 5.0	224	250	89.6%	206	250	82.4%	8.4%
1,1,2-Trichloroethane	< 5.0	284	250	114%	266	250	106%	6.5%
Benzene	< 5.0	290	250	116%	272	250	109%	6.4%
trans-1,3-Dichloropropene	< 5.0	180	250	72.0%	165	250	66.0%	8.7%
2-Chloroethylvinylether	< 25.0	< 25.0	250	NA	< 25.0	250	NA	NA
Bromoform	< 5.0	214	250	85.6%	196	250	78.4%	8.8%
4-Methyl-2-Pentanone (MIBK)	< 25.0	1280	1250	102%	1180	1250	94.4%	8.1%
2-Hexanone	< 25.0	1150	1250	92.0%	1060	1250	84.8%	8.1%
Tetrachloroethene	236	505	250	108%	470	250	93.6%	7.2%
1,1,2,2-Tetrachloroethane	< 5.0	277	250	111%	258	250	103%	7.1%
Toluene	< 5.0	293	250	117%	266	250	106%	9.7%
Chlorobenzene	< 5.0	273	250	109%	260	250	104%	4.9%
Ethylbenzene	< 5.0	300	250	120%	281	250	112%	6.5%
Styrene	< 5.0	292	250	117%	278	250	111%	4.9%
Trichlorofluoromethane	< 5.0	304	250	122%	272	250	109%	11.1%
1,1,2-Trichloro-1,2,2-trifl	< 10.0	318	250	127%	275	250	110%	14.5%
m,p-Xylene	< 5.0	575	500	115%	545	500	109%	5.4%
o-Xylene	< 5.0	280	250	112%	261	250	104%	7.0%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-111804

LCS/LCSD

Lab Sample ID: LCS-111804

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized: 

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PKC

LCSD: FINN3/PKC

Sample Amount LCS: 5.00 mL

LCSD: 5.00 mL

Date Analyzed LCS: 11/18/04 10:24

Purge Volume LCS: 5.0 mL

LCSD: 11/18/04 10:53

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	48.1	50.0	96.2%	43.9	50.0	87.8%	9.1%
Bromomethane	55.1	50.0	110%	50.9	50.0	102%	7.9%
Vinyl Chloride	49.8	50.0	99.6%	46.8	50.0	93.6%	6.2%
Chloroethane	56.9	50.0	114%	51.9	50.0	104%	9.2%
Methylene Chloride	57.6	50.0	115%	54.4	50.0	109%	5.7%
Acetone	233	250	93.2%	273	250	109%	15.8%
Carbon Disulfide	62.9	50.0	126%	59.9	50.0	120%	4.9%
1,1-Dichloroethene	56.8	50.0	114%	52.3	50.0	105%	8.2%
1,1-Dichloroethane	55.7	50.0	111%	50.9	50.0	102%	9.0%
trans-1,2-Dichloroethene	57.6	50.0	115%	52.3	50.0	105%	9.6%
cis-1,2-Dichloroethene	56.5	50.0	113%	51.3	50.0	103%	9.6%
Chloroform	54.1	50.0	108%	49.6	50.0	99.2%	8.7%
1,2-Dichloroethane	49.2	50.0	98.4%	45.6	50.0	91.2%	7.6%
2-Butanone	225	250	90.0%	265	250	106%	16.3%
1,1,1-Trichloroethane	46.3	50.0	92.6%	42.5	50.0	85.0%	8.6%
Carbon Tetrachloride	49.7	50.0	99.4%	45.1	50.0	90.2%	9.7%
Vinyl Acetate	48.9	50.0	97.8%	51.3	50.0	103%	4.8%
Bromodichloromethane	55.3	50.0	111%	49.1	50.0	98.2%	11.9%
1,2-Dichloropropane	52.9	50.0	106%	47.6	50.0	95.2%	10.5%
cis-1,3-Dichloropropene	40.6	50.0	81.2%	35.5	50.0	71.0%	13.4%
Trichloroethene	54.6	50.0	109%	48.6	50.0	97.2%	11.6%
Dibromochloromethane	45.0	50.0	90.0%	40.9	50.0	81.8%	9.5%
1,1,2-Trichloroethane	54.3	50.0	109%	51.4	50.0	103%	5.5%
Benzene	56.2	50.0	112%	51.6	50.0	103%	8.5%
trans-1,3-Dichloropropene	37.2	50.0	74.4%	34.0	50.0	68.0%	9.0%
2-Chloroethylvinylether	34.2	50.0	68.4%	35.8	50.0	71.6%	4.6%
Bromoform	40.2	50.0	80.4%	36.6	50.0	73.2%	9.4%
4-Methyl-2-Pentanone (MIBK)	214	250	85.6%	241	250	96.4%	11.9%
2-Hexanone	176	250	70.4%	212	250	84.8%	18.6%
Tetrachloroethene	55.7	50.0	111%	50.4	50.0	101%	10.0%
1,1,2,2-Tetrachloroethane	50.7	50.0	101%	48.3	50.0	96.6%	4.8%
Toluene	58.4	50.0	117%	53.4	50.0	107%	8.9%
Chlorobenzene	55.8	50.0	112%	51.5	50.0	103%	8.0%
Ethylbenzene	60.8	50.0	122%	55.4	50.0	111%	9.3%
Styrene	60.1	50.0	120%	56.5	50.0	113%	6.2%
Trichlorofluoromethane	55.5	50.0	111%	51.6	50.0	103%	7.3%
1,1,2-Trichloro-1,2,2-trifluoroethane	60.5	50.0	121%	59.3	50.0	119%	2.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-111804

Page 2 of 2

LCS/LCSD

Lab Sample ID: LCS-111804

QC Report No: HI50-URS Corp

LIMS ID: 04-19574

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 11/18/04 10:24

Purge Volume: 5.0 mL

LCSD: 11/18/04 10:53

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	120	100	120%	109	100	109%	9.6%
o-Xylene	56.1	50.0	112%	52.4	50.0	105%	6.8%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	85.7%	89.9%
d8-Toluene	97.6%	95.3%
Bromofluorobenzene	90.1%	89.4%
d4-1,2-Dichlorobenzene	87.8%	90.9%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-112304

LCS/LCSD

Lab Sample ID: LCS-112304

LIMS ID: 04-19585

Matrix: Water

Data Release Authorized: 

Reported: 12/01/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/JA

LCSD: FINN3/JA

Date Analyzed LCS: 11/23/04 10:33

LCSD: 11/23/04 11:03

Sample Amount LCS: 5.00 mL

LCSD: 5.00 mL

Purge Volume LCS: 5.0 mL

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	57.6	50.0	115%	53.2	50.0	106%	7.9%
Bromomethane	55.3	50.0	111%	50.7	50.0	101%	8.7%
Vinyl Chloride	56.3	50.0	113%	52.3	50.0	105%	7.4%
Chloroethane	57.8	50.0	116%	54.0	50.0	108%	6.8%
Methylene Chloride	53.1	50.0	106%	49.8	50.0	99.6%	6.4%
Acetone	203	250	81.2%	231	250	92.4%	12.9%
Carbon Disulfide	58.2	50.0	116%	53.9	50.0	108%	7.7%
1,1-Dichloroethene	53.4	50.0	107%	49.9	50.0	99.8%	6.8%
1,1-Dichloroethane	50.9	50.0	102%	46.4	50.0	92.8%	9.2%
trans-1,2-Dichloroethene	52.3	50.0	105%	47.8	50.0	95.6%	9.0%
cis-1,2-Dichloroethene	55.8	50.0	112%	50.6	50.0	101%	9.8%
Chloroform	51.8	50.0	104%	48.5	50.0	97.0%	6.6%
1,2-Dichloroethane	48.3	50.0	96.6%	44.6	50.0	89.2%	8.0%
2-Butanone	203	250	81.2%	237	250	94.8%	15.5%
1,1,1-Trichloroethane	44.7	50.0	89.4%	41.1	50.0	82.2%	8.4%
Carbon Tetrachloride	49.9	50.0	99.8%	43.8	50.0	87.6%	13.0%
Vinyl Acetate	44.2	50.0	88.4%	44.7	50.0	89.4%	1.1%
Bromodichloromethane	53.3	50.0	107%	47.1	50.0	94.2%	12.4%
1,2-Dichloropropane	52.1	50.0	104%	46.1	50.0	92.2%	12.2%
cis-1,3-Dichloropropene	40.9	50.0	81.8%	35.5	50.0	71.0%	14.1%
Trichloroethene	53.7	50.0	107%	47.0	50.0	94.0%	13.3%
Dibromochloromethane	44.5	50.0	89.0%	40.0	50.0	80.0%	10.7%
1,1,2-Trichloroethane	51.5	50.0	103%	46.9	50.0	93.8%	9.3%
Benzene	57.2	50.0	114%	51.6	50.0	103%	10.3%
trans-1,3-Dichloropropene	37.6	50.0	75.2%	32.8	50.0	65.6%	13.6%
2-Chloroethylvinylether	34.9	50.0	69.8%	34.5	50.0	69.0%	1.2%
Bromofom	41.5	50.0	83.0%	40.3	50.0	80.6%	2.9%
4-Methyl-2-Pentanone (MIBK)	206	250	82.4%	229	250	91.6%	10.6%
2-Hexanone	173	250	69.2%	210	250	84.0%	19.3%
Tetrachloroethene	55.8	50.0	112%	50.7	50.0	101%	9.6%
1,1,2,2-Tetrachloroethane	50.2	50.0	100%	50.8	50.0	102%	1.2%
Toluene	56.7	50.0	113%	50.4	50.0	101%	11.8%
Chlorobenzene	55.5	50.0	111%	50.7	50.0	101%	9.0%
Ethylbenzene	60.6	50.0	121%	55.1	50.0	110%	9.5%
Styrene	60.1	50.0	120%	54.2	50.0	108%	10.3%
Trichlorofluoromethane	55.7	50.0	111%	50.9	50.0	102%	9.0%
1,1,2-Trichloro-1,2,2-trifluoroethane	54.9	50.0	110%	50.5	50.0	101%	8.3%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-112304
LCS/LCSD

Lab Sample ID: LCS-112304

QC Report No: HI50-URS Corp

LIMS ID: 04-19585

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 11/23/04 10:33

Purge Volume: 5.0 mL

LCSD: 11/23/04 11:03

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	118	100	118%	107	100	107%	9.8%
o-Xylene	55.8	50.0	112%	51.0	50.0	102%	9.0%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	81.8%	84.5%
d8-Toluene	94.3%	90.1%
Bromofluorobenzene	87.2%	87.6%
d4-1,2-Dichlorobenzene	91.1%	87.1%

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: MB-111104
METHOD BLANK

Lab Sample ID: MB-111104
LIMS ID: 04-19419
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 11/22/04

QC Report No: HI24-URS Corp
Project: LMC Lindsay Monthly GW
807
Date Sampled: NA
Date Received: NA

Date Extracted: 11/11/04
Date Analyzed: 11/16/04 12:12
Instrument/Analyst: NT4/PK

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	1.0	< 1.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	78.0%
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000087



ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: BELLER'S DOMESTIC BFF
SAMPLE

Lab Sample ID: HI24K
LIMS ID: 04-19419
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 11/22/04

QC Report No: HI24-URS Corp
Project: LMC Lindsay Monthly GW
807
Date Sampled: 11/07/04
Date Received: 11/09/04

Date Extracted: 11/11/04
Date Analyzed: 11/16/04 13:52
Instrument/Analyst: NT4/PK

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	2.0	< 2.0 Y <i>UJ</i>

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	73.2%
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11-4-05

000088

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: BELLER'S DOMESTIC ALF
SAMPLE

Lab Sample ID: HI24M

LIMS ID: 04-19421

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/22/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Date Extracted: 11/11/04

Date Analyzed: 11/16/04 14:25

Instrument/Analyst: NT4/PK

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	3.0	< 3.0 Y <i>WJ</i>

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	73.2%
----------------	-------

9/1-4-05

000089

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1Sample ID: PREISTER'S DOMESTIC BFF
SAMPLE

Lab Sample ID: HI24N

LIMS ID: 04-19422

Matrix: Water

Data Release Authorized: *AS*

Reported: 11/22/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Date Extracted: 11/11/04

Date Analyzed: 11/16/04 14:58

Instrument/Analyst: NT4/PK

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	2.5	< 2.5 Y <i>WJ</i>

Reported in $\mu\text{g/L}$ (ppb)Semivolatile Surrogate Recovery

d8-1,4-Dioxane	76.0%
----------------	-------

2/1-4-05

000090

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1Sample ID: PREISTER'S DOMESTIC ALF
SAMPLE

Lab Sample ID: HI24P

LIMS ID: 04-19424

Matrix: Water

Data Release Authorized: *AS*

Reported: 11/22/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Date Extracted: 11/11/04

Date Analyzed: 11/16/04 15:31

Instrument/Analyst: NT4/PK

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	1.0	< 1.0 U <i>WJ</i>
Reported in $\mu\text{g/L}$ (ppb)			
Semivolatile Surrogate Recovery			
	d8-1,4-Dioxane	73.6%	

9/1-4-05

000091

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: LCS-111104
LCS/LCSD

Lab Sample ID: LCS-111104
LIMS ID: 04-19419
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 11/22/04

QC Report No: HI24-URS Corp
Project: LMC Lindsay Monthly GW
807
Date Sampled: 11/07/04
Date Received: 11/09/04

Date Extracted LCS/LCSD: 11/11/04

Sample Amount LCS: 500 mL

Date Analyzed LCS: 11/16/04 12:46

LCSD: 500 mL

Final Extract Volume LCS: 0.50 mL

LCSD: 11/16/04 13:19

LCSD: 0.50 mL

Instrument/Analyst LCS: NT4/PK

Dilution Factor LCS: 1.00

LCSD: NT4/PK

LCSD: 1.00

GPC Cleanup: NO

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,4-Dioxane	20.4	25.0	81.6%	19.4	25.0	77.6%	5.0%

Semivolatile Surrogate Recovery

	LCS	LCSD
d8-1,4-Dioxane	76.0%	74.4%

Results reported in $\mu\text{g/L}$

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: MB-111504
METHOD BLANK

Lab Sample ID: MB-111504
LIMS ID: 04-19574
Matrix: Water
Data Release Authorized: 
Reported: 11/18/04

QC Report No: HI50-URS Corp
Project: LMC Lindsay Monthly
807
Date Sampled: NA
Date Received: NA

Date Extracted: 11/15/04
Date Analyzed: 11/17/04 19:21
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	1.0	< 1.0 U

Reported in µg/L (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	68.0%
----------------	-------

000094

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: 89-12 WELL
SAMPLE

Lab Sample ID: HI50A

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized: *AS*

Reported: 11/18/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Date Extracted: 11/15/04

Date Analyzed: 11/17/04 20:26

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	1.0	27 J

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	70.8%
----------------	-------

8/1-4-05

000095

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: 89-15 WELL
SAMPLE

Lab Sample ID: HI50B

LIMS ID: 04-19575

Matrix: Water

Data Release Authorized: *AS*

Reported: 11/18/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Date Extracted: 11/15/04

Date Analyzed: 11/17/04 20:59

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	1.0	14 J

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	68.0%
----------------	-------

11-4-05

000096

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: AOI WELL
SAMPLE

Lab Sample ID: HI50C
LIMS ID: 04-19576
Matrix: Water
Data Release Authorized:
Reported: 11/18/04

QC Report No: HI50-URS Corp
Project: LMC Lindsay Monthly
807
Date Sampled: 11/09/04
Date Received: 11/11/04

Date Extracted: 11/15/04
Date Analyzed: 11/17/04 21:31
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	1.0	3.4 J

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	67.6%
----------------	-------

000097

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: LCS-111504
LAB CONTROL

Lab Sample ID: LCS-111504
LIMS ID: 04-19574
Matrix: Water
Data Release Authorized:
Reported: 11/18/04

QC Report No: HI50-URS Corp
Project: LMC Lindsay Monthly
807
Date Sampled: 11/09/04
Date Received: 11/11/04

Date Extracted: 11/15/04
Date Analyzed: 11/17/04 19:54
Instrument/Analyst: NT4/LJR
GPC Cleanup: NO

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

Analyte	Lab Control	Spike Added	Recovery
1,4-Dioxane	15.2	25.0	60.8%

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	74.8%
----------------	-------

Results reported in µg/L

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: DUPLICATE
SAMPLE

Lab Sample ID: HI24A

LIMS ID: 04-19409

Matrix: Water

Data Release Authorized *JK*

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled:

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.15	
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.252	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-13

11,796

Lab Sample ID: HI24B

LIMS ID: 04-19410

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/08/04

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.090	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-13

11,796

Lab Sample ID: HI24B

LIMS ID: 04-19410

Matrix: Water

Data Release Authorized *PK*

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/08/04

Date Received: 11/09/04

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Cadmium	6010B	0.002 U	0.002 U	0.0%	+/- 0.002	L
Chromium	6010B	0.005	0.005	0.0%	+/- 0.005	L
Iron	6010B	0.05 U	0.05 U	0.0%	+/- 0.05	L
Lead	7421	0.001 U	0.001 U	0.0%	+/- 0.001	L
Zinc	6010B	0.090	0.077	15.6%	+/- 20%	

Reported in mg/L

*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-13

11,796

Lab Sample ID: HI24B

QC Report No: HI24-URS Corp

LIMS ID: 04-19410

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized 

Date Sampled: 11/08/04

Date Received: 11/09/04

Reported: 11/23/04

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Cadmium	6010B	0.002 U	0.511	0.500	102%	
Chromium	6010B	0.005	0.490	0.500	97.0%	
Iron	6010B	0.05 U	2.16	2.00	108%	
Lead	7421	0.001 U	0.108	0.100	108%	
Zinc	6010B	0.090	0.566	0.500	95.2%	

Reported in mg/L

N-Control Limit Not Met

H-% Recovery Not Applicable, Sample Concentration Too High

NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 87-3
11,797

Lab Sample ID: HI24C

LIMS ID: 04-19411

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/08/04

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.12	
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.231	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: BELLER'S NEW STOCK WELL
11,800

Lab Sample ID: HI24F

QC Report No: HI24-URS Corp

LIMS ID: 04-19414

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized: *gl*

Date Sampled: 11/08/04

Reported: 11/23/04

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.005	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.033	

U-Analyte undetected at given RL

RL-Reporting Limit

91-405

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-14

11,804

Lab Sample ID: HI24J

LIMS ID: 04-19418

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/08/04

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.73	
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	5.11	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: BELLER'S DOMESTIC BFF
11,789

Lab Sample ID: HI24K

QC Report No: HI24-URS Corp

LIMS ID: 04-19419

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized 

Date Sampled: 11/07/04

Reported: 11/23/04

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.007	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

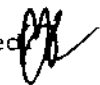
Page 1 of 1

Sample ID: PREISTER'S DOMESTIC BFF
11,792

Lab Sample ID: HI24N

LIMS ID: 04-19422

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW
807

Date Sampled: 11/07/04

Date Received: 11/09/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: HI24MB

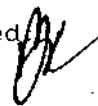
QC Report No: HI24-URS Corp

LIMS ID: 04-19409

Project: LMC Lindsay Monthly GW

Matrix: Water

807

Data Release Authorized 

Date Sampled: NA

Reported: 11/23/04

Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/10/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/10/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/10/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/10/04	7421	11/15/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/10/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL

RL-Reporting Limit

000108

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: HI24LCS

LIMS ID: 04-19409

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI24-URS Corp

Project: LMC Lindsay Monthly GW

807

Date Sampled: NA

Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Cadmium	6010B	0.509	0.500	102%	
Chromium	6010B	0.487	0.500	97.4%	
Iron	6010B	2.10	2.00	105%	
Lead	7421	0.100	0.100	100%	
Zinc	6010B	0.490	0.500	98.0%	

Reported in mg/L

N-Control limit not met

Control Limits: 80-120%

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-12 WELL
11,795

Lab Sample ID: HI50A

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/15/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/15/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/15/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/15/04	7421	11/17/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/15/04	6010B	11/22/04	7440-66-6	Zinc	0.006	4.19	

U-Analyte undetected at given RL
RL-Reporting Limit

000110

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

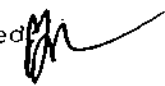
Page 1 of 1

Sample ID: 89-12 WELL
11,795

Lab Sample ID: HI50A

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/09/04

Date Received: 11/11/04

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Cadmium	6010B	0.002 U	0.002 U	0.0%	+/- 0.002	L
Chromium	6010B	0.005 U	0.005 U	0.0%	+/- 0.005	L
Iron	6010B	0.05 U	0.05 U	0.0%	+/- 0.05	L
Lead	7421	0.001 U	0.001 U	0.0%	+/- 0.001	L
Zinc	6010B	4.19	4.11	1.9%	+/- 20%	

Reported in mg/L

*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-12 WELL
11,795

Lab Sample ID: HI50A

LIMS ID: 04-19574

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Cadmium	6010B	0.002 U	0.503	0.500	101%	
Chromium	6010B	0.005 U	0.485	0.500	97.0%	
Iron	6010B	0.05 U	2.11	2.00	106%	
Lead	7421	0.001 U	0.098	0.100	98.0%	
Zinc	6010B	4.19	4.57	0.500	76.0%	H

Reported in mg/L

N-Control Limit Not Met

H-% Recovery Not Applicable, Sample Concentration Too High

NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

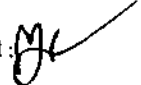
Page 1 of 1

Sample ID: 89-15 WELL
11,805

Lab Sample ID: HI50B

LIMS ID: 04-19575

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/09/04

Date Received: 11/11/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/15/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.004	
3010A	11/15/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.007	
3010A	11/15/04	6010B	11/22/04	7439-89-6	Iron	0.05	59.5	
3020A	11/15/04	7421	11/17/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/15/04	6010B	11/22/04	7440-66-6	Zinc	0.006	95.2	

U-Analyte undetected at given RL
RL-Reporting Limit

000113

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 92-3A WELL
11,808

Lab Sample ID: HI50E

LIMS ID: 04-19578

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/09/04

Date Received: 11/11/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/15/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/15/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.101	
3010A	11/15/04	6010B	11/22/04	7439-89-6	Iron	0.05	1.56	
3020A	11/15/04	7421	11/17/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/15/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.016	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 92-3B WELL
11,809

Lab Sample ID: HI50F

LIMS ID: 04-19579

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/09/04

Date Received: 11/11/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/15/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/15/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.066	
3010A	11/15/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.82	
3020A	11/15/04	7421	11/17/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/15/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.009	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: TRIP BLANK
11,816

Lab Sample ID: HI50M

LIMS ID: 04-19586

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/10/04

Date Received: 11/11/04

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/15/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/15/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/15/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/15/04	7421	11/17/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/15/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.013	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

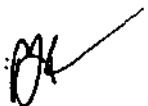
Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: HI50MB

LIMS ID: 04-19575

Matrix: Water

Data Release Authorized: 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	11/15/04	6010B	11/22/04	7440-43-9	Cadmium	0.002	0.002	U
3010A	11/15/04	6010B	11/22/04	7440-47-3	Chromium	0.005	0.005	U
3010A	11/15/04	6010B	11/22/04	7439-89-6	Iron	0.05	0.05	U
3020A	11/15/04	7421	11/17/04	7439-92-1	Lead	0.001	0.001	U
3010A	11/15/04	6010B	11/22/04	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

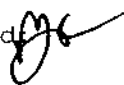
Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: HI50LCS

LIMS ID: 04-19575

Matrix: Water

Data Release Authorized 

Reported: 11/23/04

QC Report No: HI50-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery
Cadmium	6010B	0.507	0.500	101%
Chromium	6010B	0.480	0.500	96.0%
Iron	6010B	2.09	2.00	104%
Lead	7421	0.094	0.100	94.0%
Zinc	6010B	0.490	0.500	98.0%

Reported in mg/L

N-Control limit not met

Control Limits: 80-120%

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp



Matrix: Water
Data Release Authorized: *aw*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled:
Date Received: 11/09/04

Client ID: DUPLICATE
ARI ID: 04-19409 HI24A

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	6.83 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	10.0	117

RL Analytical reporting limit
U Undetected at reported detection limit

8/1-4-05

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *MR*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: 11/08/04
Date Received: 11/09/04

Client ID: 89-13
ARI ID: 04-19410 HI24B

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	7.53 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	2.0	27.7

RL Analytical reporting limit
U Undetected at reported detection limit

8/1-4-05

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp



Matrix: Water
Data Release Authorized: *OK*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: 11/08/04
Date Received: 11/09/04

Client ID: 87-3
ARI ID: 04-19411 HI24C

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	6.83 J
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	10.0	118
RL	Analytical reporting limit				
U	Undetected at reported detection limit				

8/14-05

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp



Matrix: Water
Data Release Authorized: *atg*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: 11/08/04
Date Received: 11/09/04

Client ID: BELLER'S NEW STOCK WELL
ARI ID: 04-19414 HI24F

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	6.76 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	4.0	69.1

RL Analytical reporting limit
U Undetected at reported detection limit

11-4-05

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *ant*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: 11/08/04
Date Received: 11/09/04

Client ID: 89-14
ARI ID: 04-19418 HI24J

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	6.12 J
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	10.0	125

RL Analytical reporting limit
U Undetected at reported detection limit

81-4-05

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *ant*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: 11/07/04
Date Received: 11/09/04

Client ID: BELLER'S DOMESTIC BFF
ARI ID: 04-19419 HI24K

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	6.95 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	4.0	42.8

RL Analytical reporting limit
U Undetected at reported detection limit

9/14/05

SAMPLE RESULTS-CONVENTIONALS
HI24-URS Corp



Matrix: Water
Data Release Authorized: *arf*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: 11/07/04
Date Received: 11/09/04

Client ID: PREISTER'S DOMESTIC BFF
ARI ID: 04-19422 HI24N

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/09/04 110904#1	EPA 150.1	std units	0.01	7.11 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	4.0	43.4

RL Analytical reporting limit
U Undetected at reported detection limit

**14-05*

METHOD BLANK RESULTS-CONVENTIONALS
HI24-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *and*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Sulfate	11/15/04	mg/L	< 2.0 U

LAB CONTROL RESULTS-CONVENTIONALS
HI24-URS Corp



Matrix: Water
Data Release Authorized: *ad*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
pH	11/09/04	std units	7.01	7.00	100.1%

STANDARD REFERENCE RESULTS-CONVENTIONALS
HI24-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *atf*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Sulfate ERA #08113	11/15/04	mg/L	26.4	25.0	105.6%

REPLICATE RESULTS-CONVENTIONALS
HI24-URS Corp.



Matrix: Water
Data Release Authorized: *art*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled:
Date Received: 11/09/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HI24A Client ID: DUPLICATE					
pH	11/09/04	std units	6.83	6.84	0.1%
Sulfate	11/15/04	mg/L	117	116	0.9%

MS/MSD RESULTS-CONVENTIONALS
HI24-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *ast*
Reported: 11/16/04

Project: LMC Lindsay Monthly GW
Event: 807
Date Sampled:
Date Received: 11/09/04

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: HI24A Client ID: DUPLICATE						
Sulfate	11/15/04	mg/L	117	204	100	87.0%

SAMPLE RESULTS-CONVENTIONALS
HI50-URS Corp



Matrix: Water
Data Release Authorized: *OK*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 11/09/04
Date Received: 11/11/04

Client ID: 89-12 WELL
ARI ID: 04-19574 HI50A

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/11/04 111104#1	EPA 150.1	std units	0.01	6.36 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	20.0	278

RL Analytical reporting limit
U Undetected at reported detection limit

11-4-05

000131

SAMPLE RESULTS-CONVENTIONALS
HI50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *am*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 11/09/04
Date Received: 11/11/04

Client ID: 89-15 WELL
ARI ID: 04-19575 HI50B

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/11/04 111104#1	EPA 150.1	std units	0.01	5.70 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	100	924

RL Analytical reporting limit
U Undetected at reported detection limit

11-2-05

SAMPLE RESULTS-CONVENTIONALS
HI50-URS Corp



Matrix: Water
Data Release Authorized:
Reported: 11/16/04

avg

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 11/09/04
Date Received: 11/11/04

Client ID: 92-3A WELL
ARI ID: 04-19578 HI50E

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/11/04 111104#1	EPA 150.1	std units	0.01	6.95 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	2.0	15.7

RL Analytical reporting limit
U Undetected at reported detection limit

11-4-05

000133

SAMPLE RESULTS-CONVENTIONALS
HI50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *arg*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 11/09/04
Date Received: 11/11/04

Client ID: 92-3B WELL
ARI ID: 04-19579 HI50F

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/11/04 111104#1	EPA 150.1	std units	0.01	6.57 <i>J</i>
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	10.0	165

RL Analytical reporting limit
U Undetected at reported detection limit

9/14/05

000134

SAMPLE RESULTS-CONVENTIONALS
HI50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *atp*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 11/10/04
Date Received: 11/11/04

Client ID: TRIP BLANK
ARI ID: 04-19586 HI50M

Analyte	Date Batch	Method	Units	RL	Sample
pH	11/11/04 111104#1	EPA 150.1	std units	0.01	5.74 J
Sulfate	11/15/04 111504#2	EPA 375.2	mg/L	2.0	< 2.0 U

RL Analytical reporting limit
U Undetected at reported detection limit

8/1-4-05

000135

METHOD BLANK RESULTS-CONVENTIONALS
HI50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *art*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Sulfate	11/15/04	mg/L	< 2.0 U

000136

LAB CONTROL RESULTS-CONVENTIONALS
HI50-URS Corp



Matrix: Water
Data Release Authorized: *all*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
pH	11/11/04	std units	7.03	7.00	100.4%

000137

STANDARD REFERENCE RESULTS-CONVENTIONALS
HI50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *as*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Sulfate ERA #08113	11/15/04	mg/L	26.4	25.0	105.6%

000138

REPLICATE RESULTS-CONVENTIONALS
HI50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *AKP*
Reported: 11/16/04

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 11/09/04
Date Received: 11/11/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HI50A Client ID: 89-12 WELL					
pH	11/11/04	std units	6.36	6.38	0.3%



Analytical Resources, Incorporated
Analytical Chemists and Consultants

8 December 2004

Karen Mixon
URS Corporation
Century Square
1501 Fourth Avenue Suite 1400
Seattle, WA 98121

RE: Client Project: Lindsay Groundwater, 807
ARI Job No: HJ85

Dear Karen:

Please find enclosed the original chain of custody documentation and the final data package for the samples from the project referenced above. Analytical Resources, Inc. (ARI) received sixteen water samples in good condition on November 23, 2004. The samples were received intact and in good condition. The samples were received at a cooler temperature of 4.0 degrees Celsius.

The samples were analyzed for volatile organic compounds as requested on the chain-of-custody.

Anomalies associated with these analyses are discussed in the case narrative.

A copy of this package will remain on file with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Mark D. Harris
Mark D. Harris
Project Manager
206/695-6210
mark@arilabs.com

Enclosures

cc: file HJ85

MDH/mdh



Chain of Custody Record & Laboratory Analysis Request

Page 1 of 1

Turn Around Requested: _____

Report to: <u>Bob Jacobson</u>	Proj Name: <u>Ground water</u>	Analyses Requested										Notes/Comments
Company: <u>Lmc Lindsay</u>	Proj Number: <u>807</u>											
Address: <u>Egert Hwy 91</u>	Sampler: <u>Bob Rother</u>											
<u>Lindsay Ne. 68644</u>												
Phone: <u>1-402-428-7388</u>	Shipping Method: <u>Next Day Air</u>											
Fax:	AirBill: <u>No.</u>											
Sample ID	Sample Date	Sample Time	Sample Matrix	No Containers								
<u>MW04-01-at-88'</u>	<u>11-22-04</u>	<u>10:00h</u>	<u>11,819</u>	<u>3</u>	<u>X</u>							
<u>MW04-01-at-98'</u>		<u>10:17h</u>	<u>11,820</u>	<u>3</u>	<u>X</u>							
<u>MW04-01-at-106'</u>		<u>10:25h</u>	<u>11,821</u>	<u>3</u>	<u>X</u>							
<u>MW04-01-at-116'</u>		<u>10:30</u>	<u>11,822</u>	<u>3</u>	<u>X</u>							
<u>MW04-01-at-126'</u>		<u>10:45h</u>	<u>11,823</u>	<u>3</u>	<u>X</u>							
<u>MW04-02-at-68'</u>		<u>11:00h</u>	<u>11,824</u>	<u>3</u>	<u>X</u>							
<u>MW04-02-at-78'</u>		<u>11:05h</u>	<u>11,825</u>	<u>3</u>	<u>X</u>							
<u>MW04-02-at-88'</u>		<u>11:10h</u>	<u>11,826</u>	<u>3</u>	<u>X</u>							
<u>MW04-02-at-98'</u>		<u>11:15h</u>	<u>11,827</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-45'</u>		<u>11:35h</u>	<u>11,828</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-55'</u>		<u>11:40h</u>	<u>11,829</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-65'</u>		<u>11:45h</u>	<u>11,830</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-85'</u>		<u>11:50h</u>	<u>11,831</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-105'</u>		<u>11:55h</u>	<u>11,832</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-110'</u>		<u>12:00</u>	<u>11,833</u>	<u>3</u>	<u>X</u>							
<u>MW04-03-at-120'</u>	<u>11-22-04</u>	<u>12:05</u>	<u>11,834</u>	<u>3</u>	<u>X</u>							

Relinquished:	Received By:	Special Instructions/Notes
(Signature) <u>Bob Rother</u>	(Signature) <u>Brian Keel</u>	
Printed name:	Printed name:	
<u>Bob Rother</u>	<u>Brian Keel</u>	
Company:	Company:	Number of Coolers: <u>1</u>
<u>Lmc Lindsay</u>	<u>ARI</u>	Cooler Temp(s): <u>4.0</u>
Date:	Date:	COC Seals Intact?
<u>11-22-04</u>	<u>11/23/04</u>	Bottles Intact?
Time:	Time:	
	<u>0940</u>	

Limits of Liability: Analytical Resources, Inc. (ARI) will perform all requested services in accordance with appropriate methodology follow ARI Standard Operating Procedures and Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI releases ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the client.

Please sign here if you would like these samples disposed of after expiration of standard archive times (60 days for waters 90 days for soils, sediments per contract). If you do not want these samples discarded we will begin charging you for storage after the disposal date.

Samples to be discarded after expiration:

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: LMC Lindsay / VRS Project Name: Ground Water
COC NO.: _____ Delivered By: VPS
Tracking NO.: 1Z63384P016019054P Date: 11/23/04
ARI Job No.: 14J85 Lims NO.: 04-2055B to 04-20573

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? YES ☒ NO ☒
2. Were custody papers included with the cooler YES ☒ NO ☐
3. Were custody papers properly filled out (ink, signed etc.)? YES ☒ NO ☐
4. Complete custody forms and attach all shipping documents OK ☒ NA ☐

Cooler Accepted BY: B-2 gl Date: 11/23/04 Time: 0940

Log-IN Phase:

5. Was a temperature blank include in the cooler? YES ☒ NO ☒
6. Record Cooler Temperature 4.0 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? YES ☒ NO ☐
9. Were all bottles sealed in separate plastic bags? YES ☒ NO ☒
10. Did all bottles arrive in good condition (unbroken)? YES ☒ NO ☐
11. Were all bottle labels complete and legible? YES ☒ NO ☐
12. Did all bottle labels and tags agree with custody papers? YES ☒ NO ☐
13. Were all bottles used correct for the requested analyses? YES ☒ NO ☐
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES ☐ NO ☐
15. Were all VOA vials free of air bubbles? YES ☒ NO ☐
16. Was sufficient amount of sample sent in each bottle? YES ☒ NO ☐
17. Notify Project Manager of any discrepancies or concerns OK ☒ NA ☐

Cooler Opened BY: B-2 gl Date: 11/23/04 Time: 0940

Explain any discrepancies or negative responses:



Analytical Resources, Incorporated
Analytical Chemists and Consultants

Case Narrative

URS Corporation
LMC Lindsay Monthly
ARI Job No: HJ85
8 December 2004

Volatile Organic Compounds by Method 8260B

Acetone was detected in all samples. It has been discovered that the preserved vials used for VOAs were contaminated by the supplier of these vials. Acetone was not detected in the associated method blanks as preserved vials were not used. All known contaminated lots of vials have been removed from use and vials from a second supplier are now in use. All acetone results for these samples should be considered suspect and the result of possible vial contamination.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-113004
METHOD BLANK

Lab Sample ID: MB-113004

QC Report No: HJ85-URS Corp

LIMS ID: 04-20559

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: 

Date Sampled: NA

Reported: 12/07/04

Date Received: NA

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/30/04 12:44

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.2 J
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	87.8%
d8-Toluene	98.9%
Bromofluorobenzene	83.5%
d4-1,2-Dichlorobenzene	93.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-120104

METHOD BLANK

Lab Sample ID: MB-120104

LIMS ID: 04-20570

Matrix: Water

Data Release Authorized: 

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINNI/PAB

Date Analyzed: 12/01/04 12:45

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.5
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.8%
d8-Toluene	109%
Bromofluorobenzene	86.4%
d4-1,2-Dichlorobenzene	93.6%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-120304
METHOD BLANK

Lab Sample ID: MB-120304

QC Report No: HJ85-URS Corp

LIMS ID: 04-20571

Project: LMC Lindsay Monthly
807

Matrix: Water

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 12/07/04

Date Received: NA

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 12/03/04 12:45

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.3 J
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	105%
Bromofluorobenzene	92.6%
d4-1,2-Dichlorobenzene	106%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-01-at-86'

Page 1 of 1

11,819

Lab Sample ID: HJ85A

QC Report No: HJ85-URS Corp

LIMS ID: 04-20558

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized:

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/30/04 15:06

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	7.2 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.2%
d8-Toluene	101%
Bromofluorobenzene	84.0%
d4-1,2-Dichlorobenzene	93.8%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-01-at-96'

Page 1 of 1

11,820

Lab Sample ID: HJ85B

QC Report No: HJ85-URS Corp

LIMS ID: 04-20559

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/30/04 14:30

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	5.4 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.5
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	78.5%
d8-Toluene	95.5%
Bromofluorobenzene	77.8%
d4-1,2-Dichlorobenzene	89.8%

*1-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-01-at-106'

Page 1 of 1

11,821

Lab Sample ID: HJ85C

QC Report No: HJ85-URS Corp

LIMS ID: 04-20560

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized:

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/30/04 15:28

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	8.2 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.6
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	84.0%
d8-Toluene	98.8%
Bromofluorobenzene	80.2%
d4-1,2-Dichlorobenzene	96.2%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-01-at-116'
11,822

Lab Sample ID: HJ85D

LIMS ID: 04-20561

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 11/30/04 15:58

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	6.2 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.1
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	86.5%
d8-Toluene	103%
Bromofluorobenzene	85.8%
d4-1,2-Dichlorobenzene	94.2%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-01-at-76'

11,823

Lab Sample ID: HJ85E

LIMS ID: 04-20562

Matrix: Water

Data Release Authorized:

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 11/30/04 16:28

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	5.6 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.0 M J
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	86.0%
d8-Toluene	106%
Bromofluorobenzene	81.0%
d4-1,2-Dichlorobenzene	94.5%

1-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-68'

11,824

Lab Sample ID: HJ85F

LIMS ID: 04-20563

Matrix: Water

Data Release Authorized: *AB*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 11/30/04 16:56

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.3 B <i>u</i>
67-64-1	Acetone	1.0	46 <i>DNR</i>
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	0.3
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.4
71-55-6	1,1,1-Trichloroethane	0.2	0.3
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	0.3
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	0.8
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	1.4
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	93.2%
d8-Toluene	105%
Bromofluorobenzene	87.8%
d4-1,2-Dichlorobenzene	95.0%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-78'

11,825

Lab Sample ID: HJ85G

LIMS ID: 04-20564

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 11/30/04 17:26

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	11 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	16 E DNR
75-34-3	1,1-Dichloroethane	0.2	1.0
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.5
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	18 E DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	3.2
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	90.8%
d8-Toluene	102%
Bromofluorobenzene	82.5%
d4-1,2-Dichlorobenzene	96.2%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-78'

DILUTION

Lab Sample ID: HJ85G

LIMS ID: 04-20564

Matrix: Water

Data Release Authorized: *AB*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 13:51

Sample Amount: 10.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.4	< 0.4 U <i>DNR</i>
74-83-9	Bromomethane	0.4	< 0.4 U
75-01-4	Vinyl Chloride	0.4	< 0.4 U
75-00-3	Chloroethane	0.4	< 0.4 U
75-09-2	Methylene Chloride	0.6	1.3 B
67-64-1	Acetone	2.0	17
75-15-0	Carbon Disulfide	0.4	< 0.4 U <i>DNR</i>
75-35-4	1,1-Dichloroethene	0.4	18
75-34-3	1,1-Dichloroethane	0.4	1.0 <i>DNR</i>
156-60-5	trans-1,2-Dichloroethene	0.4	< 0.4 U
156-59-2	cis-1,2-Dichloroethene	0.4	0.6
67-66-3	Chloroform	0.4	< 0.4 U
107-06-2	1,2-Dichloroethane	0.4	< 0.4 U
78-93-3	2-Butanone	2.0	< 2.0 U <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	0.4	16
56-23-5	Carbon Tetrachloride	0.4	< 0.4 U <i>DNR</i>
108-05-4	Vinyl Acetate	0.4	< 0.4 U
75-27-4	Bromodichloromethane	0.4	< 0.4 U
78-87-5	1,2-Dichloropropane	0.4	< 0.4 U
10061-01-5	cis-1,3-Dichloropropene	0.4	< 0.4 U
79-01-6	Trichloroethene	0.4	< 0.4 U
124-48-1	Dibromochloromethane	0.4	< 0.4 U
79-00-5	1,1,2-Trichloroethane	0.4	< 0.4 U
71-43-2	Benzene	0.4	< 0.4 U
10061-02-6	trans-1,3-Dichloropropene	0.4	< 0.4 U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0 U
75-25-2	Bromoform	0.4	< 0.4 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.0	< 2.0 U
591-78-6	2-Hexanone	2.0	< 2.0 U
127-18-4	Tetrachloroethene	0.4	2.9
79-34-5	1,1,2,2-Tetrachloroethane	0.4	< 0.4 U
108-88-3	Toluene	0.4	< 0.4 U
108-90-7	Chlorobenzene	0.4	< 0.4 U
100-41-4	Ethylbenzene	0.4	< 0.4 U
100-42-5	Styrene	0.4	< 0.4 U
75-69-4	Trichlorofluoromethane	0.4	< 0.4 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	< 0.4 U
1330-20-7	m,p-Xylene	0.8	< 0.8 U
95-47-6	o-Xylene	0.4	< 0.4 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.8%
d8-Toluene	102%
Bromofluorobenzene	82.2%
d4-1,2-Dichlorobenzene	90.8%

1-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-88'

11,826

Lab Sample ID: HJ85H

LIMS ID: 04-20565

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 11/30/04 14:03

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	8.5 <i>DNR</i>
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	16
75-34-3	1,1-Dichloroethane	0.2	1.2
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.6
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	20 <i>E DNR</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	5.8
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	76.2%
d8-Toluene	101%
Bromofluorobenzene	79.2%
d4-1,2-Dichlorobenzene	89.0%

#1-4-05

0023

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-88'

DILUTION

Lab Sample ID: HJ85H

LIMS ID: 04-20565

Matrix: Water

Data Release Authorized:

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 14:21

Sample Amount: 6.67 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.6	< 0.6 U DNR
74-83-9	Bromomethane	0.6	< 0.6 U
75-01-4	Vinyl Chloride	0.6	< 0.6 U
75-00-3	Chloroethane	0.6	< 0.6 U
75-09-2	Methylene Chloride	0.9	1.7 B
67-64-1	Acetone	3.0	12
75-15-0	Carbon Disulfide	0.6	< 0.6 U
75-35-4	1,1-Dichloroethene	0.6	21
75-34-3	1,1-Dichloroethane	0.6	1.2
156-60-5	trans-1,2-Dichloroethene	0.6	< 0.6 U
156-59-2	cis-1,2-Dichloroethene	0.6	< 0.6 U
67-66-3	Chloroform	0.6	< 0.6 U
107-06-2	1,2-Dichloroethane	0.6	< 0.6 U
78-93-3	2-Butanone	3.0	< 3.0 U DNR
71-55-6	1,1,1-Trichloroethane	0.6	20
56-23-5	Carbon Tetrachloride	0.6	< 0.6 U DNR
108-05-4	Vinyl Acetate	0.6	< 0.6 U
75-27-4	Bromodichloromethane	0.6	< 0.6 U
78-87-5	1,2-Dichloropropane	0.6	< 0.6 U
10061-01-5	cis-1,3-Dichloropropene	0.6	< 0.6 U
79-01-6	Trichloroethene	0.6	< 0.6 U
124-48-1	Dibromochloromethane	0.6	< 0.6 U
79-00-5	1,1,2-Trichloroethane	0.6	< 0.6 U
71-43-2	Benzene	0.6	< 0.6 U
10061-02-6	trans-1,3-Dichloropropene	0.6	< 0.6 U
110-75-8	2-Chloroethylvinylether	1.5	< 1.5 U
75-25-2	Bromoform	0.6	< 0.6 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.0	< 3.0 U
591-78-6	2-Hexanone	3.0	< 3.0 U
127-18-4	Tetrachloroethene	0.6	4.9
79-34-5	1,1,2,2-Tetrachloroethane	0.6	< 0.6 U
108-88-3	Toluene	0.6	< 0.6 U
108-90-7	Chlorobenzene	0.6	< 0.6 U
100-41-4	Ethylbenzene	0.6	< 0.6 U
100-42-5	Styrene	0.6	< 0.6 U
75-69-4	Trichlorofluoromethane	0.6	< 0.6 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.6	< 0.6 U
1330-20-7	m,p-Xylene	1.2	< 1.2 U
95-47-6	o-Xylene	0.6	< 0.6 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	86.2%
d8-Toluene	96.8%
Bromofluorobenzene	83.0%
d4-1,2-Dichlorobenzene	90.2%

84-405

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-98'

11,827

Lab Sample ID: HJ851

LIMS ID: 04-20566

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 11/30/04 17:56

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	9.4 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	19 E DNR
75-34-3	1,1-Dichloroethane	0.2	1.2
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.6
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.2
71-55-6	1,1,1-Trichloroethane	0.2	22 E DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	5.1
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.8%
d8-Toluene	104%
Bromofluorobenzene	86.2%
d4-1,2-Dichlorobenzene	96.8%

11-14-05

0025

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-02-at-98

DILUTION

Lab Sample ID: HJ85I

LIMS ID: 04-20566

Matrix: Water

Data Release Authorized: *JP*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 14:51

Sample Amount: 6.67 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.6	< 0.6 U ^{DNR}
74-83-9	Bromomethane	0.6	< 0.6 U
75-01-4	Vinyl Chloride	0.6	< 0.6 U
75-00-3	Chloroethane	0.6	< 0.6 U
75-09-2	Methylene Chloride	0.9	1.7 B
67-64-1	Acetone	3.0	12
75-15-0	Carbon Disulfide	0.6	< 0.6 U ^{DNR}
75-35-4	1,1-Dichloroethene	0.6	22
75-34-3	1,1-Dichloroethane	0.6	1.1 ^{DNR}
156-60-5	trans-1,2-Dichloroethene	0.6	< 0.6 U
156-59-2	cis-1,2-Dichloroethene	0.6	< 0.6 U
67-66-3	Chloroform	0.6	< 0.6 U
107-06-2	1,2-Dichloroethane	0.6	< 0.6 U
78-93-3	2-Butanone	3.0	< 3.0 U ^{DNR}
71-55-6	1,1,1-Trichloroethane	0.6	20
56-23-5	Carbon Tetrachloride	0.6	< 0.6 U ^{DNR}
108-05-4	Vinyl Acetate	0.6	< 0.6 U
75-27-4	Bromodichloromethane	0.6	< 0.6 U
78-87-5	1,2-Dichloropropane	0.6	< 0.6 U
10061-01-5	cis-1,3-Dichloropropene	0.6	< 0.6 U
79-01-6	Trichloroethene	0.6	< 0.6 U
124-48-1	Dibromochloromethane	0.6	< 0.6 U
79-00-5	1,1,2-Trichloroethane	0.6	< 0.6 U
71-43-2	Benzene	0.6	< 0.6 U
10061-02-6	trans-1,3-Dichloropropene	0.6	< 0.6 U
110-75-8	2-Chloroethylvinylether	1.5	< 1.5 U
75-25-2	Bromoform	0.6	< 0.6 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.0	< 3.0 U
591-78-6	2-Hexanone	3.0	< 3.0 U
127-18-4	Tetrachloroethene	0.6	5.0
79-34-5	1,1,2,2-Tetrachloroethane	0.6	< 0.6 U
108-88-3	Toluene	0.6	< 0.6 U
108-90-7	Chlorobenzene	0.6	< 0.6 U
100-41-4	Ethylbenzene	0.6	< 0.6 U
100-42-5	Styrene	0.6	< 0.6 U
75-69-4	Trichlorofluoromethane	0.6	< 0.6 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.6	< 0.6 U
1330-20-7	m,p-Xylene	1.2	< 1.2 U
95-47-6	o-Xylene	0.6	< 0.6 U ^{DNR}

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.5%
d8-Toluene	96.5%
Bromofluorobenzene	77.5%
d4-1,2-Dichlorobenzene	86.5%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: MW04-03-at-45'

11,828

Lab Sample ID: HJ85J

LIMS ID: 04-20567

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 11/30/04 18:25

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	14 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	30 EDNR
75-34-3	1,1-Dichloroethane	0.2	1.5
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.7
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.3
71-55-6	1,1,1-Trichloroethane	0.2	39 EDNR
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.2
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	18 EDNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.8%
d8-Toluene	104%
Bromofluorobenzene	84.5%
d4-1,2-Dichlorobenzene	99.2%

H-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-03-at-45'

Page 1 of 1

DILUTION

Lab Sample ID: HJ85J

QC Report No: HJ85-URS Corp

LIMS ID: 04-20567

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *JP*

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Sample Amount: 4.00 mL

Date Analyzed: 12/01/04 15:21

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	1.5	2.8 B
67-64-1	Acetone	5.0	19
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	38
75-34-3	1,1-Dichloroethane	1.0	1.4 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U DNR
71-55-6	1,1,1-Trichloroethane	1.0	40
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	1.0	< 1.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	2.5	< 2.5 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	17
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	< 1.0 U
1330-20-7	m,p-Xylene	2.0	< 2.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.5%
d8-Toluene	99.2%
Bromofluorobenzene	82.8%
d4-1,2-Dichlorobenzene	94.8%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03-at-55'

11,829

Lab Sample ID: HJ85K

LIMS ID: 04-20568

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 11/30/04 20:25

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	8.6 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	34 E DNR
75-34-3	1,1-Dichloroethane	0.2	1.8
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.8
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.9
71-55-6	1,1,1-Trichloroethane	0.2	44 ES DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.3
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	25 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	93.5%
d8-Toluene	104%
Bromofluorobenzene	85.0%
d4-1,2-Dichlorobenzene	93.0%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03-at-55'
DILUTION

Lab Sample ID: HJ85K

LIMS ID: 04-20568

Matrix: Water

Data Release Authorized: *MB*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 12/01/04 15:51

Sample Amount: 4.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	1.5	2.6 B
67-64-1	Acetone	5.0	14
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	47
75-34-3	1,1-Dichloroethane	1.0	1.9 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U DNR
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U DNR
71-55-6	1,1,1-Trichloroethane	1.0	51
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	1.0	< 1.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	2.5	< 2.5 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	23
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	< 1.0 U
1330-20-7	m,p-Xylene	2.0	< 2.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.2%
d8-Toluene	103%
Bromofluorobenzene	78.8%
d4-1,2-Dichlorobenzene	90.5%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03-at-65'

11,830

Lab Sample ID: HJ85L

LIMS ID: 04-20569

Matrix: Water

Data Release Authorized: *JB*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 11/30/04 20:54

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.3 ^W
67-64-1	Acetone	1.0	18 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	44 ES DNR
75-34-3	1,1-Dichloroethane	0.2	2.8
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.2
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.5
71-55-6	1,1,1-Trichloroethane	0.2	55 ES DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.4
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	39 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	90.5%
d8-Toluene	106%
Bromofluorobenzene	86.0%
d4-1,2-Dichlorobenzene	95.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03-at-65'
DILUTION

Lab Sample ID: HJ85L

LIMS ID: 04-20569

Matrix: Water

Data Release Authorized:

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINNI/PAB

Date Analyzed: 12/01/04 16:20

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U DNR
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	10 B
67-64-1	Acetone	10	31
75-15-0	Carbon Disulfide	2.0	< 2.0 U DNR
75-35-4	1,1-Dichloroethene	2.0	82
75-34-3	1,1-Dichloroethane	2.0	2.9 DNR
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U DNR
71-55-6	1,1,1-Trichloroethane	2.0	82
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U DNR
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U DNR
127-18-4	Tetrachloroethene	2.0	38
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U DNR
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	109%
Bromofluorobenzene	87.0%
d4-1,2-Dichlorobenzene	99.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-03-at-85'

Page 1 of 1

11,831

Lab Sample ID: HJ85M

QC Report No: HJ85-URS Corp

LIMS ID: 04-20570

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 11/30/04 21:24

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.4 U
67-64-1	Acetone	1.0	18 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	49 ES DNR
75-34-3	1,1-Dichloroethane	0.2	3.1
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U WJ
156-59-2	cis-1,2-Dichloroethene	0.2	1.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.4
71-55-6	1,1,1-Trichloroethane	0.2	60 ES DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.5
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	41 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	89.5%
d8-Toluene	103%
Bromofluorobenzene	81.8%
d4-1,2-Dichlorobenzene	94.2%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

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Sample ID: MW04-03-at-85'

DILUTION

Lab Sample ID: HJ85M

LIMS ID: 04-20570

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 16:50

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U DNR
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	7.3 B
67-64-1	Acetone	10	42
75-15-0	Carbon Disulfide	2.0	< 2.0 U DNR
75-35-4	1,1-Dichloroethene	2.0	84 J
75-34-3	1,1-Dichloroethane	2.0	3.1 DNR
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U DNR
71-55-6	1,1,1-Trichloroethane	2.0	90 J
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U DNR
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U DNR
127-18-4	Tetrachloroethene	2.0	40
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U DNR
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	107%
d8-Toluene	104%
Bromofluorobenzene	85.2%
d4-1,2-Dichlorobenzene	95.2%

11-405

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

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ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: MW04-03-at-105'

11,832

Lab Sample ID: HJ85N

LIMS ID: 04-20571

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 17:20

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.4 B W
67-64-1	Acetone	1.0	8.1 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	50 ES DNR
75-34-3	1,1-Dichloroethane	0.2	3.0
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U WJ
156-59-2	cis-1,2-Dichloroethene	0.2	1.3
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.2
71-55-6	1,1,1-Trichloroethane	0.2	61 ES DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.4
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	38 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U WJ
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.2%
d8-Toluene	95.0%
Bromofluorobenzene	76.0%
d4-1,2-Dichlorobenzene	93.5%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-03-at-105'

Page 1 of 1

DILUTION

Lab Sample ID: HJ85N

QC Report No: HJ85-URS Corp

LIMS ID: 04-20571

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Sample Amount: 2.00 mL

Date Analyzed: 12/03/04 14:20

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U DNR
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	3.4 B
67-64-1	Acetone	10	< 10 U
75-15-0	Carbon Disulfide	2.0	< 2.0 U DNR
75-35-4	1,1-Dichloroethene	2.0	62
75-34-3	1,1-Dichloroethane	2.0	3.6 DNR
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U DNR
71-55-6	1,1,1-Trichloroethane	2.0	95
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U DNR
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U DNR
127-18-4	Tetrachloroethene	2.0	47
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U DNR
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	89.8%
d8-Toluene	96.2%
Bromofluorobenzene	77.2%
d4-1,2-Dichlorobenzene	100%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: MW04-03-at-110'

11,833

Lab Sample ID: HJ850

LIMS ID: 04-20572

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 17:50

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.4 B U
67-64-1	Acetone	1.0	8.4 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	52 ES DNR
75-34-3	1,1-Dichloroethane	0.2	3.2
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U UJ
156-59-2	cis-1,2-Dichloroethene	0.2	1.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	61 ES DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.5
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	40 B DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U UJ
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.5%
d8-Toluene	103%
Bromofluorobenzene	83.5%
d4-1,2-Dichlorobenzene	100%

21-405

0039

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03-at-110'

DILUTION

Lab Sample ID: HJ850

LIMS ID: 04-20572

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/03/04 14:51

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U DNR
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	3.4 B
67-64-1	Acetone	10	< 10 U
75-15-0	Carbon Disulfide	2.0	< 2.0 U DNR
75-35-4	1,1-Dichloroethene	2.0	62
75-34-3	1,1-Dichloroethane	2.0	3.3 DNR
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U DNR
71-55-6	1,1,1-Trichloroethane	2.0	94
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U DNR
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U DNR
127-18-4	Tetrachloroethene	2.0	46
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U DNR
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.0%
d8-Toluene	101%
Bromofluorobenzene	83.5%
d4-1,2-Dichlorobenzene	96.8%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03-at-120'

11,834

Lab Sample ID: HJ85P

LIMS ID: 04-20573

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/01/04 18:19

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	0.4 B U
67-64-1	Acetone	1.0	9.6 DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	55 ES DNR
75-34-3	1,1-Dichloroethane	0.2	3.0
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U NJ
156-59-2	cis-1,2-Dichloroethene	0.2	1.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.6
71-55-6	1,1,1-Trichloroethane	0.2	64 ES DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.4
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	41 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U NJ
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	93.0%
d8-Toluene	98.8%
Bromofluorobenzene	82.2%
d4-1,2-Dichlorobenzene	94.2%

11-4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03-at-120'

DILUTION

Lab Sample ID: HJ85P

LIMS ID: 04-20573

Matrix: Water

Data Release Authorized:

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst: FINN1/PAB

Date Analyzed: 12/03/04 15:18

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U DNR
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	3.3 B
67-64-1	Acetone	10	< 10 U
75-15-0	Carbon Disulfide	2.0	< 2.0 U DNR
75-35-4	1,1-Dichloroethene	2.0	62
75-34-3	1,1-Dichloroethane	2.0	3.1 DNR
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U DNR
71-55-6	1,1,1-Trichloroethane	2.0	97
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U DNR
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U DNR
127-18-4	Tetrachloroethene	2.0	48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U DNR
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	90.8%
d8-Toluene	97.8%
Bromofluorobenzene	81.5%
d4-1,2-Dichlorobenzene	99.5%

#14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-01-at-96'

MS/MSD

Lab Sample ID: HJ85B

LIMS ID: 04-20559

Matrix: Water

Data Release Authorized:

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 11/22/04

Date Received: 11/23/04

Instrument/Analyst MS: FINN1/PAB

MSD: FINN1/PAB

Date Analyzed MS: 11/30/04 18:55

MSD: 11/30/04 19:25

Sample Amount MS: 20.0 mL

MSD: 20.0 mL

Purge Volume MS: 20.0 mL

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Bromomethane	< 0.2	4.3	4.0	108%	4.2	4.0	105%	2.4%
Vinyl Chloride	< 0.2	4.4	4.0	110%	4.5	4.0	112%	2.2%
Chloroethane	< 0.2	4.3	4.0	108%	4.4	4.0	110%	2.3%
Methylene Chloride	< 0.3	4.6	4.0	115%	4.4	4.0	110%	4.4%
Acetone	5.4	28.3	20.0	114%	28.6	20.0	116%	1.1%
Carbon Disulfide	< 0.2	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
1,1-Dichloroethene	< 0.2	4.5	4.0	112%	4.6	4.0	115%	2.2%
1,1-Dichloroethane	< 0.2	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
trans-1,2-Dichloroethene	< 0.2	3.0	4.0	75.0%	3.1	4.0	77.5%	3.3%
cis-1,2-Dichloroethene	< 0.2	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
Chloroform	< 0.2	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
1,2-Dichloroethane	< 0.2	3.3	4.0	82.5%	3.2	4.0	80.0%	3.1%
2-Butanone	1.5	20.6	20.0	95.5%	19.7	20.0	91.0%	4.5%
1,1,1-Trichloroethane	< 0.2	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
Carbon Tetrachloride	< 0.2	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
Vinyl Acetate	< 0.2	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
Bromodichloromethane	< 0.2	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
1,2-Dichloropropane	< 0.2	3.3	4.0	82.5%	3.3	4.0	82.5%	0.0%
cis-1,3-Dichloropropene	< 0.2	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Trichloroethene	< 0.2	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
Dibromochloromethane	< 0.2	3.2	4.0	80.0%	3.1	4.0	77.5%	3.2%
1,1,2-Trichloroethane	< 0.2	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
Benzene	< 0.2	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
trans-1,3-Dichloropropene	< 0.2	3.3	4.0	82.5%	3.3	4.0	82.5%	0.0%
2-Chloroethylvinylether	< 0.5	< 0.5	4.0	NA	< 0.5	4.0	NA	NA
Bromoform	< 0.2	3.1	4.0	77.5%	3.2	4.0	80.0%	3.2%
4-Methyl-2-Pentanone (MIBK)	< 1.0	18.7	20.0	93.5%	17.7	20.0	88.5%	5.5%
2-Hexanone	< 1.0	17.8	20.0	89.0%	18.2	20.0	91.0%	2.2%
Tetrachloroethene	< 0.2	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
1,1,2,2-Tetrachloroethane	< 0.2	3.1	4.0	77.5%	3.0	4.0	75.0%	3.3%
Toluene	< 0.2	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Chlorobenzene	< 0.2	3.3	4.0	82.5%	3.6	4.0	90.0%	8.7%
Ethylbenzene	< 0.2	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
Styrene	< 0.2	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Trichlorofluoromethane	< 0.2	4.2	4.0	105%	4.3	4.0	108%	2.4%
1,1,2-Trichloro-1,2,2-trifl	< 0.2	4.9	4.0	122%	4.9	4.0	122%	0.0%
m,p-Xylene	< 0.4	7.2	8.0	90.0%	7.6	8.0	95.0%	5.4%
o-Xylene	< 0.2	3.3	4.0	82.5%	3.6	4.0	90.0%	8.7%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-03-at-85'

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MS/MSD

Lab Sample ID: HJ85M

QC Report No: HJ85-URS Corp

LIMS ID: 04-20570

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: 11/22/04

Reported: 12/07/04

Date Received: 11/23/04

Instrument/Analyst MS: FINN1/PAB

Sample Amount MS: 2.00 mL

MSD: FINN1/PAB

MSD: 2.00 mL

Date Analyzed MS: 12/01/04 18:49

Purge Volume MS: 20.0 mL

MSD: 12/01/04 19:19

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2	37.3	40.0	93.2%	37.0	40.0	92.5%	0.8%
Bromomethane	< 0.2	49.1	40.0	123%	49.0	40.0	122%	0.2%
Vinyl Chloride	< 0.2	49.0	40.0	122%	48.1	40.0	120%	1.9%
Chloroethane	< 0.2	48.3	40.0	121%	46.9	40.0	117%	2.9%
Methylene Chloride	0.4	65.2	40.0	162%	70.3	40.0	175%	7.5%
Acetone	17.8	273	200	128%	277	200	130%	1.5%
Carbon Disulfide	< 0.2	28.4	40.0	71.0%	28.1	40.0	70.2%	1.1%
1,1-Dichloroethene	49.1	135	40.0	215%	133	40.0	210%	1.5%
1,1-Dichloroethane	3.1	34.1	40.0	77.5%	34.8	40.0	79.2%	2.0%
trans-1,2-Dichloroethene	< 0.2	27.7	40.0	69.2%	28.8	40.0	72.0%	3.9%
cis-1,2-Dichloroethene	1.4	30.8	40.0	73.5%	32.9	40.0	78.8%	6.6%
Chloroform	< 0.2	31.9	40.0	79.8%	33.8	40.0	84.5%	5.8%
1,2-Dichloroethane	< 0.2	33.2	40.0	83.0%	35.7	40.0	89.2%	7.3%
2-Butanone	1.4	173	200	85.8%	177	200	87.8%	2.3%
1,1,1-Trichloroethane	60.0	120	40.0	150%	125	40.0	162%	4.1%
Carbon Tetrachloride	< 0.2	35.2	40.0	88.0%	35.8	40.0	89.5%	1.7%
Vinyl Acetate	< 0.2	35.4	40.0	88.5%	37.2	40.0	93.0%	5.0%
Bromodichloromethane	< 0.2	33.5	40.0	83.8%	34.8	40.0	87.0%	3.8%
1,2-Dichloropropane	< 0.2	31.6	40.0	79.0%	33.1	40.0	82.8%	4.6%
cis-1,3-Dichloropropene	< 0.2	31.0	40.0	77.5%	32.9	40.0	82.2%	5.9%
Trichloroethene	0.5	33.2	40.0	81.8%	35.6	40.0	87.8%	7.0%
Dibromochloromethane	< 0.2	32.9	40.0	82.2%	36.7	40.0	91.8%	10.9%
1,1,2-Trichloroethane	< 0.2	34.1	40.0	85.2%	37.2	40.0	93.0%	8.7%
Benzene	< 0.2	32.9	40.0	82.2%	34.8	40.0	87.0%	5.6%
trans-1,3-Dichloropropene	< 0.2	32.7	40.0	81.8%	34.8	40.0	87.0%	6.2%
2-Chloroethylvinylether	< 0.5	< 5.0	40.0	NA	< 5.0	40.0	NA	NA
Bromoform	< 0.2	31.8	40.0	79.5%	32.6	40.0	81.5%	2.5%
4-Methyl-2-Pentanone (MIBK)	< 1.0	171	200	85.5%	189	200	94.5%	10.0%
2-Hexanone	< 1.0	170	200	85.0%	190	200	95.0%	11.1%
Tetrachloroethene	41.1	71.7	40.0	76.5%	76.8	40.0	89.2%	6.9%
1,1,2,2-Tetrachloroethane	< 0.2	27.8	40.0	69.5%	32.1	40.0	80.2%	14.4%
Toluene	< 0.2	36.0	40.0	90.0%	36.7	40.0	91.8%	1.9%
Chlorobenzene	< 0.2	33.1	40.0	82.8%	34.9	40.0	87.2%	5.3%
Ethylbenzene	< 0.2	37.1	40.0	92.8%	37.8	40.0	94.5%	1.9%
Styrene	< 0.2	36.0	40.0	90.0%	38.1	40.0	95.2%	5.7%
Trichlorofluoromethane	< 0.2	46.9	40.0	117%	47.7	40.0	119%	1.7%
1,1,2-Trichloro-1,2,2-trifl	< 0.2	56.1	40.0	140%	56.2	40.0	140%	0.2%
m,p-Xylene	< 0.4	71.9	80.0	89.9%	75.9	80.0	94.9%	5.4%
o-Xylene	< 0.2	33.3	40.0	83.2%	35.7	40.0	89.2%	7.0%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-113004

LCS/LCSD

Lab Sample ID: LCS-113004

LIMS ID: 04-20559

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 12/07/04

QC Report No: HJ85-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

LCSD: FINN1/PAB

Date Analyzed LCS: 11/30/04 11:39

LCSD: 11/30/04 12:14

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Bromomethane	3.1	4.0	77.5%	3.2	4.0	80.0%	3.2%
Vinyl Chloride	3.4	4.0	85.0%	3.7	4.0	92.5%	8.5%
Chloroethane	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
Methylene Chloride	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Acetone	17.2	20.0	86.0%	16.7	20.0	83.5%	2.9%
Carbon Disulfide	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
1,1-Dichloroethene	3.6	4.0	90.0%	3.9	4.0	97.5%	8.0%
1,1-Dichloroethane	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
trans-1,2-Dichloroethene	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
cis-1,2-Dichloroethene	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
Chloroform	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
1,2-Dichloroethane	2.9	4.0	72.5%	3.1	4.0	77.5%	6.7%
2-Butanone	18.6	20.0	93.0%	18.8	20.0	94.0%	1.1%
1,1,1-Trichloroethane	3.3	4.0	82.5%	3.6	4.0	90.0%	8.7%
Carbon Tetrachloride	3.0	4.0	75.0%	3.4	4.0	85.0%	12.5%
Vinyl Acetate	4.2	4.0	105%	4.0	4.0	100%	4.9%
Bromodichloromethane	3.1	4.0	77.5%	3.3	4.0	82.5%	6.2%
1,2-Dichloropropane	3.2	4.0	80.0%	3.6	4.0	90.0%	11.8%
cis-1,3-Dichloropropene	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Trichloroethene	3.1	4.0	77.5%	3.5	4.0	87.5%	12.1%
Dibromochloromethane	3.0	4.0	75.0%	3.3	4.0	82.5%	9.5%
1,1,2-Trichloroethane	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Benzene	3.4	4.0	85.0%	3.7	4.0	92.5%	8.5%
trans-1,3-Dichloropropene	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
2-Chloroethylvinylether	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
Bromoform	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
4-Methyl-2-Pentanone (MIBK)	17.5	20.0	87.5%	18.1	20.0	90.5%	3.4%
2-Hexanone	16.1	20.0	80.5%	18.0	20.0	90.0%	11.1%
Tetrachloroethene	3.1	4.0	77.5%	3.6	4.0	90.0%	14.9%
1,1,2,2-Tetrachloroethane	3.3	4.0	82.5%	3.6	4.0	90.0%	8.7%
Toluene	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
Chlorobenzene	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
Ethylbenzene	3.6	4.0	90.0%	4.1	4.0	102%	13.0%
Styrene	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
Trichlorofluoromethane	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
1,1,2-Trichloro-1,2,2-trifl	3.9	4.0	97.5%	4.1	4.0	102%	5.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-113004

Page 2 of 2

LCS/LCSD

Lab Sample ID: LCS-113004

QC Report No: HJ85-URS Corp

LIMS ID: 04-20559

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 11/30/04 11:39

Purge Volume: 20.0 mL

LCSD: 11/30/04 12:14

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	6.7	8.0	83.8%	7.7	8.0	96.2%	13.9%
o-Xylene	3.2	4.0	80.0%	3.6	4.0	90.0%	11.8%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	82.2%	76.4%
d8-Toluene	93.8%	97.4%
Bromofluorobenzene	86.4%	88.8%
d4-1,2-Dichlorobenzene	89.6%	89.9%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-120104

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-120104

QC Report No: HJ85-URS Corp

LIMS ID: 04-20570

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 12/07/04

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 12/01/04 11:42

Purge Volume LCS: 20.0 mL

LCSD: 12/01/04 13:20

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.6	4.0	90.0%	3.1	4.0	77.5%	14.9%
Bromomethane	4.5	4.0	112%	4.1	4.0	102%	9.3%
Vinyl Chloride	4.4	4.0	110%	4.0	4.0	100%	9.5%
Chloroethane	4.4	4.0	110%	4.1	4.0	102%	7.1%
Methylene Chloride	4.8	4.0	120%	5.0	4.0	125%	4.1%
Acetone	23.3	20.0	116%	21.6	20.0	108%	7.6%
Carbon Disulfide	3.3	4.0	82.5%	3.0	4.0	75.0%	9.5%
1,1-Dichloroethene	4.7	4.0	118%	4.6	4.0	115%	2.2%
1,1-Dichloroethane	3.3	4.0	82.5%	3.1	4.0	77.5%	6.2%
trans-1,2-Dichloroethene	3.1	4.0	77.5%	3.0	4.0	75.0%	3.3%
cis-1,2-Dichloroethene	3.3	4.0	82.5%	3.1	4.0	77.5%	6.2%
Chloroform	3.5	4.0	87.5%	3.3	4.0	82.5%	5.9%
1,2-Dichloroethane	3.4	4.0	85.0%	3.2	4.0	80.0%	6.1%
2-Butanone	19.0	20.0	95.0%	17.1	20.0	85.5%	10.5%
1,1,1-Trichloroethane	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Carbon Tetrachloride	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
Vinyl Acetate	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Bromodichloromethane	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
1,2-Dichloropropane	3.4	4.0	85.0%	3.2	4.0	80.0%	6.1%
cis-1,3-Dichloropropene	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Trichloroethene	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
Dibromochloromethane	3.2	4.0	80.0%	3.2	4.0	80.0%	0.0%
1,1,2-Trichloroethane	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
Benzene	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
trans-1,3-Dichloropropene	3.5	4.0	87.5%	3.3	4.0	82.5%	5.9%
2-Chloroethylvinylether	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
Bromoform	3.2	4.0	80.0%	3.0	4.0	75.0%	6.5%
4-Methyl-2-Pentanone (MIBK)	18.7	20.0	93.5%	18.0	20.0	90.0%	3.8%
2-Hexanone	17.7	20.0	88.5%	17.2	20.0	86.0%	2.9%
Tetrachloroethene	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
1,1,2,2-Tetrachloroethane	3.2	4.0	80.0%	3.1	4.0	77.5%	3.2%
Toluene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Chlorobenzene	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
Ethylbenzene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Styrene	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Trichlorofluoromethane	4.4	4.0	110%	4.3	4.0	108%	2.3%
1,1,2-Trichloro-1,2,2-trifl	5.3	4.0	132%	5.2	4.0	130%	1.9%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-120104
LCS/LCSD

Lab Sample ID: LCS-120104

QC Report No: HJ85-URS Corp

LIMS ID: 04-20570

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 12/01/04 11:42

Purge Volume: 20.0 mL

LCSD: 12/01/04 13:20

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	7.3	8.0	91.2%	7.4	8.0	92.5%	1.4%
o-Xylene	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	85.9%	83.8%
d8-Toluene	96.5%	102%
Bromofluorobenzene	86.4%	95.0%
d4-1,2-Dichlorobenzene	85.6%	96.3%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-120304

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-120304

QC Report No: HJ85-URS Corp

LIMS ID: 04-20571

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 12/07/04

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 12/03/04 11:35

Purge Volume LCS: 20.0 mL

LCSD: 12/03/04 12:15

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.3	4.0	82.5%	3.3	4.0	82.5%	0.0%
Bromomethane	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
Vinyl Chloride	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Chloroethane	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Methylene Chloride	4.0	4.0	100%	4.1	4.0	102%	2.5%
Acetone	19.8	20.0	99.0%	19.4	20.0	97.0%	2.0%
Carbon Disulfide	3.0	4.0	75.0%	3.4	4.0	85.0%	12.5%
1,1-Dichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,1-Dichloroethane	3.1	4.0	77.5%	3.4	4.0	85.0%	9.2%
trans-1,2-Dichloroethene	3.0	4.0	75.0%	3.5	4.0	87.5%	15.4%
cis-1,2-Dichloroethene	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Chloroform	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
1,2-Dichloroethane	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
2-Butanone	18.0	20.0	90.0%	20.4	20.0	102%	12.5%
1,1,1-Trichloroethane	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Carbon Tetrachloride	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
Vinyl Acetate	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
Bromodichloromethane	3.1	4.0	77.5%	3.5	4.0	87.5%	12.1%
1,2-Dichloropropane	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
cis-1,3-Dichloropropene	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Trichloroethene	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Dibromochloromethane	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
1,1,2-Trichloroethane	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
Benzene	3.5	4.0	87.5%	3.9	4.0	97.5%	10.8%
trans-1,3-Dichloropropene	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
2-Chloroethylvinylether	3.0	4.0	75.0%	3.2	4.0	80.0%	6.5%
Bromoform	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
4-Methyl-2-Pentanone (MIBK)	19.2	20.0	96.0%	20.0	20.0	100%	4.1%
2-Hexanone	19.9	20.0	99.5%	19.3	20.0	96.5%	3.1%
Tetrachloroethene	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,1,2,2-Tetrachloroethane	3.2	4.0	80.0%	3.5	4.0	87.5%	9.0%
Toluene	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Chlorobenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Ethylbenzene	4.4	4.0	110%	4.3	4.0	108%	2.3%
Styrene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Trichlorofluoromethane	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
1,1,2-Trichloro-1,2,2-trifl	4.0	4.0	100%	4.0	4.0	100%	0.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-120304

Page 2 of 2

LCS/LCSD

Lab Sample ID: LCS-120304

QC Report No: HJ85-URS Corp

LIMS ID: 04-20571

Project: LMC Lindsay Monthly

Matrix: Water

807

Date Analyzed: 12/03/04 11:35

Purge Volume: 20.0 mL

LCSD: 12/03/04 12:15

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
m,p-Xylene	8.6	8.0	108%	8.5	8.0	106%	1.2%
o-Xylene	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	87.1%	90.2%
d8-Toluene	89.6%	94.0%
Bromofluorobenzene	94.2%	86.5%
d4-1,2-Dichlorobenzene	94.5%	86.7%



Memo

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Seattle, Washington 98101
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To: Karen Mixon, Project Manager *KM* **Info:**
From: Jennifer Garner, Chemist *JG* **Date:** April 14, 2005
RE: QA/QC Data Summary Review
65th Quarterly Groundwater Sampling (January-February 2005)
Organic Data
Lindsay Manufacturing 33750799

The data quality review of 43 water samples, two field duplicates, two field blanks, and three trip blanks collected between January 31 and February 23, 2005 has been completed. The samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B at Analytical Resources, Incorporated (ARI) located in Tukwila, Washington. Selected samples were analyzed for 1,4-dioxane by EPA Method 8270C as indicated in the cross-reference below. Samples were analyzed for the chemical constituents as described in *Groundwater Monitoring Plan, Remedial Action, for Lindsay Manufacturing Company, Lindsay, Nebraska* (Management Plan), dated September 1, 2004.

The analyses were performed in general accordance with methods specified in EPA's *Test Methods for Evaluating Solid Waste (SW-846), Update IIIB*, April 1998. The laboratory provided a full data package containing sample results and associated QA/QC data. The following samples are associated with ARI sample delivery groups (SDGs) HR06, HT46, HT50, HT62, and HT97:

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Requested Analyses</u>
Surface Discharge Klassen West*	HR06A	VOCs and 1,4-Dioxane
Surface Discharge Klassen East*	HR06B	1,4-Dioxane
Beller's Domestic BFF	HT46A	VOCs and 1,4-Dioxane
Beller's Domestic AFF	HT46B	VOCs
Beller's Domestic ALF	HT46C	VOCs and 1,4-Dioxane
Preister's Domestic BFF	HT46D	VOCs and 1,4-Dioxane
Preister's Domestic AFF	HT46E	VOCs
Preister's Domestic ALF	HT46F	VOCs and 1,4-Dioxane
Preister's Old Domestic Well	HT46G	VOCs
Beller's Stock Tank Pen #7	HT46H	VOCs and 1,4-Dioxane
Beller's Stock Tank Pen #6	HT46I	VOCs and 1,4-Dioxane
89-12 Well	HT46J	VOCs and 1,4-Dioxane
Beller's Irrigation to Stock Well	HT46K	VOCs
MW04-01 (76')	HT46L	VOCs
MW04-01 (86')	HT46M	VOCs
MW04-01 (96')	HT46N	VOCs
MW04-01 (106')	HT46O	VOCs
MW04-01 (116')	HT46P	VOCs
Duplicate (Field Duplicate of Preister's Domestic BFF)	HT46Q	VOCs
Lab Trip Blank (Trip Blank)	HT46R	VOCs
89-14 Well	HT50A	VOCs
89-15 Well	HT50B	VOCs and 1,4-Dioxane

<u>Sample ID (continued)</u>	<u>Laboratory ID</u>	<u>Requested Analyses</u>
89-13 Well	HT50C	VOCs
87-3 Well	HT50D	VOCs and 1,4-Dioxane
MW04-02 @ 68'	HT50E	VOCs
MW04-02 @ 78'	HT50F	VOCs
MW04-02 @ 88'	HT50G	VOCs
MW04-02 @ 98'	HT50H	VOCs
89-11B	HT50I	VOCs
OI Well	HT50J	VOCs
89-10B Well	HT50K	VOCs
92-3A Well	HT50L	VOCs
92-3B Well	HT50M	VOCs
Beller's New Stock Well	HT50N	VOCs and 1,4-Dioxane
Preister's New Irrigation Well	HT50O	VOCs and 1,4-Dioxane
Duplicate (Field Duplicate of 87-3 Well)	HT50P	VOCs and 1,4-Dioxane
Lab Trip Blanks (Trip Blank)	HT50Q	VOCs
TI Well	HT62A	VOCs
AOI Well	HT62B	VOCs and 1,4-Dioxane
MW04-03 @ 45'	HT62C	VOCs
MW04-03 @ 55'	HT62D	VOCs
MW04-03 @ 65'	HT62E	VOCs
MW04-03 @ 85'	HT62F	VOCs
MW04-03 @ 105'	HT62G	VOCs
MW04-03 @ 110'	HT62H	VOCs
MW04-03 @ 120'	HT62I	VOCs
Field QA/QC - PDB (PDB Blank)**	HT62J	VOCs
Trip Blank (Equipment Blank)	HT62K	VOCs and 1,4-Dioxane
Lab Trip Blank (Trip Blank)	HT62L	VOCs
MW04-03 Bailer	HT97A	1,4-Dioxane

* Samples were submitted to the laboratory as Artesian Klassen Well West and Artesian Klassen Well East. Following sample collection and discussion with the client, a well was not specifically identified hence the sample names have been changed for reporting purposes to better reflect site observations pending additional information.

** This PDB blank is associated with PDBs reinstalled for May 2005.

The following comments refer to ARI's performance in meeting the quality control specifications described in the analytical methods. Data were qualified based on the method criteria and guidance provided in the EPA document *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999.

Samples were shipped by overnight delivery to the laboratory. The cooler associated with SDG HR06 was received at a temperature above the EPA-recommended range of 4°C±2°C at 11.5°C. Per the laboratory, ice was present in the cooler upon receipt. Data for samples associated with SDG HR06 were not qualified based on the elevated cooler temperature. The laboratory trip blank associated with SDG HT62 (HT62L) was not included on the COC for these samples.

1. Holding Times - Acceptable
2. GC/MS Instrument Performance Checks - Acceptable
3. Initial and Continuing Calibrations - Acceptable except as noted below:

VOCs by Method 8260B - The percent relative standard deviations (%RSDs) exceeded the method criteria of 15% for vinyl acetate, 2-butanone, bromodichloromethane, chlorodibromomethane, 2-chloroethylvinylether (2-CVE), 4-methyl-2-pentanone, cis-1,3-dichloropropene, trans-1,3-dichloropropene,

1,1,1-trichloroethane, 2-hexanone, 1,1,2-trichloroethane, o-xylene, styrene, bromoform, carbon tetrachloride, 4-bromofluorobenzene, acetone, carbon disulfide, and/or ethylbenzene in the initial calibrations analyzed on January 3, 2005 (instrument ID Finn3), January 17, 2005 (NT-3), February 18, 2005 (Finn1), March 1, 2005 (Finn3), and March 4, 2005 (Finn1). Due to the exceedances, the laboratory elected to evaluate these compounds based on the alternative curve types of linear or quadratic fit rather than average response factor. The correlation coefficients were acceptable for all linear and quadratic curves. Data were not qualified based on the use of alternative curve types.

The percent recoveries for chloromethane (78.4%), 2-butanone (124.9%), and 1,2-dichloropropane (62.1%) were outside the method criteria of 80-120% in the continuing calibration analyzed on February 2, 2005 (Finn3). As 2-butanone was not detected in the associated samples, data were not qualified for this compound based on the elevated continuing calibration result. The results for chloromethane and 1,2-dichloropropane in samples Surface Discharge Klassen West and Surface Discharge Klassen East were qualified as estimated and flagged with a 'UJ' based on these continuing calibration results.

The percent recoveries for chloromethane (72.6%), carbon disulfide (70.6%), 1,1,1-trichloroethane (78.5%), and carbon tetrachloride (78.7%) were below the method criteria of 80-120% in the continuing calibration analyzed on February 23, 2005 (Finn1). The results for chloromethane, carbon disulfide, 1,1,1-trichloroethane, and carbon tetrachloride in samples Beller's Domestic BFF, Beller's Domestic AFF, Beller's Domestic ALF, Preister's Domestic BFF, Preister's Domestic AFF, Preister's Domestic ALF, Beller's Irrigation to Stock Well, MW04-01 (76'), MW04-01 (86'), and Lab Trip Blank (HT46R) were qualified as estimated and flagged with a 'J' or 'UJ' based on these continuing calibration results.

The percent recoveries for 1,1,2-trichloro-1,2,2-trifluoroethane (124.7%) and 1,1,2-trichloroethane (122.4%) exceeded the method criteria of 80-120% in the continuing calibration analyzed on February 25, 2005 (Finn1). The results for 1,1,2-trichloro-1,2,2-trifluoroethane and 1,1,2-trichloroethane in the associated samples were either reported as not detected or qualified as Do Not Report (DNR) based on QC issues detailed later in this report and do not require further qualification.

The percent recoveries for 1,1,2-trichloro-1,2,2-trifluoroethane (128.4%), acetone (126.2%), and 1,1,2-trichloroethane (125.0%) exceeded the method criteria of 80-120% in the continuing calibration analyzed on February 28, 2005 (Finn1). 1,1,2-Trichloro-1,2,2-trifluoroethane and 1,1,2-trichloroethane were not detected in the associated samples and were not qualified. The results for acetone in samples 87-3 Well, 92-3A Well, and 92-3B Well were qualified as estimated and flagged with a 'J' based on the elevated continuing calibration result. The results for acetone in the other associated samples were either reported as not detected or qualified as DNR based on QC issues detailed later in this report and do not require further qualification.

The percent recoveries for 2-butanone (77.2%), 2-CVE (54.8%), and cis-1,3-dichloropropene (78.8%) were below the method criteria of 80-120% in the continuing calibration analyzed on February 28, 2005 (NT-3). The results for 2-CVE in the associated samples were rejected based on QC issues detailed later in this report and do not require further qualification. The results for 2-butanone and cis-1,3-dichloropropene in samples Beller's Stock Pen #7, Beller's Stock Pen #6, 89-12 Well, and 89-15 Well were qualified as estimated and flagged with a 'J' or 'UJ' based on these continuing calibration results. The results for 2-butanone and cis-1,3-dichloropropene in samples MW04-02 @78' and MW04-02 @98' were qualified as DNR based on QC issues detailed later in this report and do not require further qualification.

The percent recoveries for chloromethane (75.8%), 1,1,2-trichloro-1,2,2-trifluoroethane (125.8%), 2-CVE (73.3%), and 1,2-dichloroethane-d4 (74.0%) were below the method criteria of 80-120% in the continuing calibration analyzed on March 2, 2005 (Finn1). 1,1,2-Trichloro-1,2,2-trifluoroethane was not detected in the associated samples and was not qualified based on the elevated continuing calibration result. The results for 2-CVE in the associated samples were rejected based on QC issues detailed later in this report and do not require further qualification. Data were not qualified based on the low surrogate (1,2-dichloroethane-d4) recovery in this continuing calibration. The results for chloromethane in samples T1

Well, AOI Well, MW04-03 @ 45', MW04-03 @ 55', MW04-03 @ 65', MW04-03 @ 85', MW04-03 @ 105', MW04-03 @ 110', MW04-03 @ 120', Field QA/QC (Bailer), Trip Blank (HT62K), and Lab Trip Blank (HT62L) were qualified as estimated and flagged with a 'UJ' based on this continuing calibration result.

The percent recovery for chloromethane (73.3%) was below the method criteria of 80-120% in the continuing calibration analyzed on March 7, 2005 (Finn1). The result for chloromethane in Lab Trip Blanks (HT50Q) is qualified as estimated and flagged with a 'UJ' based on this continuing calibration result.

The percent recoveries for carbon disulfide (62.1%) and 2-butanone (131.2%) were outside the method criteria of 80-120% in the continuing calibration analyzed on March 8, 2005 (Finn1). The results for carbon disulfide and 2-butanone were qualified as DNR in the associated samples based on QC issues detailed later in this report and do not require further qualification.

1,4-Dioxane by Method 8270C – The percent recovery for the surrogate 1,4-dioxane-d8 (75.8%) was below the method criteria of 80-120% in the continuing calibration analyzed on March 8, 2005 (NT-4). Data were not qualified based on the low surrogate recovery in this continuing calibration.

4. Blanks – Acceptable except as noted below:

VOCs by Method 8260B – Methylene chloride (4.2 ug/L), acetone (4.2 ug/L), 2-butanone (3.0 ug/L), and toluene (0.6 ug/L) were detected in the passive-diffusion bag (PDB) blank (HT62J). This PDB blank is associated with PDBs installed after completion of the February 2005 sampling event. The data from the May 2005 sampling event will be qualified appropriately based on the appropriate PDB blank.

Methylene chloride (1.5 ug/L), acetone (7.0 ug/L), chloroform (3.2 ug/L), bromodichloromethane (1.0 ug/L), toluene (1.5 ug/L), ethylbenzene (0.2 ug/L), and m+p-xylene (0.7 ug/L) were detected in the equipment blank (HT62K). Data were not qualified based on the equipment blank results.

5. Surrogates – Acceptable

6. Internal Standards - Acceptable

7. Laboratory Control /Laboratory Control Duplicate Sample (LCS/LCSD) – Acceptable except as noted below:

VOCs by Method 8260B – The relative percent difference (RPD) for acetone in the LCS/LCSD pair analyzed on February 2, 2005 (FINN3, 32.0%) exceeded the laboratory control limit of 30%. As the percent recoveries for acetone in the LCS and LCSD were acceptable, data were not qualified based on the RPD for the LCS/LCSD pair.

The percent recoveries for 2-CVE in the LCS (58.0%) and LCSD (58.8%) analyzed on February 28, 2005 (NT-3) were below the laboratory control limits of 65-138%. The results for 2-CVE in the associated samples were rejected based on QC issues detailed later in this report and do not require further qualification.

The percent recovery for 1,1,2-trichloroethane (125%) in the LCS analyzed on March 8, 2005 (Finn1) exceeded the laboratory control limits of 74-124%. As the percent recovery in the LCSD and the RPD for the LCS/LCSD pair were acceptable, data were not qualified for 1,1,2-trichloroethane based on the LCS result.

8. Matrix Spike/Matrix Spike Duplicate (MS/MSD) - Acceptable except as noted below:

VOCs by Method 8260B - MS/MSDs were performed on samples 89-12 Well, 89-14 Well, and TI Well. 2-CVE was not recovered from the MS/MSD pairs. Data are not typically qualified based on MS/MSD results alone; however, the non-recovery of 2-CVE is likely due to decomposition of 2-CVE by the hydrochloric acid sample preservative. As all of the associated samples were acidified for preservation, results for 2-CVE in all samples are rejected and flagged with an 'R.'

In addition to 2-CVE, the percent recoveries for 1,1-dichloroethene in the MS (135%) and MSD (130%) performed on sample 89-14 Well exceeded the laboratory control limits of 74-120%. The result for 1,1-dichloroethene in sample 89-14 Well was qualified as estimated and flagged with a 'J' based on the elevated MS/MSD results.

1,4-Dioxane by Method 8270C - A MS/MSD was not performed in association with this analysis. Precision was assessed for all samples with the exception of Surface Discharge Klassen West and Surface Discharge Klassen East using the LCS/LCSD results. Precision was not assessed for samples Surface Discharge Klassen West and Surface Discharge Klassen East.

9. Field Duplicates - Acceptable

General - Field duplicates were submitted for samples Preister's Domestic BFF (VOCs only) and 87-3 Well (VOCs and 1,4-Dioxane) and identified as Duplicate (HT46Q) and Duplicate (HT50P), respectively. Results were comparable.

10. Target Compound Identification - Acceptable

11. Reporting Limits - Acceptable except as noted below:

VOCs by Method 8260B - The laboratory flagged the result for trichloroethene in sample Beller's Stock Tank Pen #7 to indicate that the reported result was below the reporting limit but above the method detection limit (MDL). The result for trichloroethene in sample Beller's Stock Tank Pen #7 is considered estimated.

Samples Beller's Irrigation to Stock Well, MW04-02 at 68', MW04-02 at 78', MW04-02 at 88', MW04-02 at 98', MW04-03 at 45', MW04-03 at 55', MW04-03 at 65', MW04-03 at 85', MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' required dilution to quantitate 1,1-dichloroethene, 1,1,1-trichloroethane, tetrachloroethene, acetone, and/or 2-butanone within the linear range of the instrument. Sample results which exceeded the calibration range of the instrument were flagged 'E' by the laboratory and have been qualified as 'DNR' for Do Not Report. As the reporting limits were lower for the undiluted analyses, the results for compounds that were not flagged 'E' by the laboratory in the undiluted analyses of samples Beller's Irrigation to Stock Well, MW04-02 at 68', MW04-02 at 78', MW04-02 at 88', MW04-02 at 98', MW04-03 at 45', MW04-03 at 55', MW04-03 at 65', MW04-03 at 85', MW04-03 at 105', MW04-03 at 110', and MW04-03 at 120' are flagged 'DNR' for the diluted analysis.

The reporting limits for all VOCs in samples Beller's Stock Tank Pen #7, Beller's Stock Tank Pen #6, 89-12 Well, 89-15 Well, OI Well, 92-3A Well, Beller's New Stock Well, and Preister's New Irrigation Well were elevated due to the dilutions necessary to quantitate high levels of target analytes. The elevated reporting limits do not adversely impact the use of the data for project objectives.

1,4-Dioxane by Method 8270C - The laboratory flagged the results for 1,4-dioxane in samples 87-3 Well and Preister's New Irrigation Well with a 'J' to indicate that the reported results were below the reporting limit but above the MDL. The results for 1,4-dioxane in samples 87-3 Well and Preister's New Irrigation Well are considered estimated.

12. Other Items

VOCs by Method 8260B – Acetone and 2-butanone were detected in several samples with a wide range of concentrations. Samples Beller's Irrigation to Stock Well, MW04-02(98'), 92-3A Well, and 92-3B Well were reported with concentrations of acetone and 2-butanone elevated above other samples collected during the February 2005 event. Based on the results and comparison to previous data rounds, it appears these results are likely due to laboratory and/or field contamination and not necessarily indicative of groundwater quality. Corrective actions have been implemented since February 2005 and include discarding all sample vials, PDBs, and rinsate water currently stored at the client facility. All sampling bottles and equipment will be provided by the laboratory directly before the next sampling event to minimize potential cross-contamination. Additionally, the client will store all bottles and equipment in an alternate location to minimize potential contamination. The May 2005 data will be used to assess the corrective actions.

13. Type of Review - Summary

Overall Assessment of Data

The usefulness of the data is based on the EPA guidance documents listed above. Upon consideration of the information presented above, the data are acceptable except where flagged with data qualifiers that modify the usefulness of the individual values. Data qualifiers do not affect the use of the data in relation to the project consent decree.

Data Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DNR - Do Not Report. Multiple results reported from different analytical dates and/or dilutions. Value from another analysis should be used.



Memo

Century Square
1501 4th Avenue, Suite 1400
Seattle, Washington 98101
206.438.2700 Telephone
206.438.2699 Fax

To: Karen Mixon, Project Manager *RM* **Info:**
From: Jennifer Garner, Chemist *JA* **Date:** April 14, 2005
RE: QA/QC Data Summary Review
65th Quarterly Groundwater Sampling (January-February 2005)
Inorganic Data
Lindsay Manufacturing 33750799

The data quality review of 7 groundwater samples, one field duplicate, and one equipment blank collected between February 20 and 23, 2005 has been completed. The samples were analyzed for total metals (cadmium, chromium, lead, iron, and zinc), sulfate, and pH by Analytical Resources, Incorporated (ARI) located in Tukwila, Washington. The analyses were performed in general accordance with EPA Methods 6010B/7421, 375.2, and 150.1, respectively. Samples were analyzed for the chemical constituents as described in *Groundwater Monitoring Plan, Remedial Action, for Lindsay Manufacturing Company, Lindsay, Nebraska* (Management Plan), dated September 1, 2004.

The analyses were performed in general accordance with methods specified in EPA's *Test Methods for Evaluating Solid Waste (SW-846)*, Update IIIB, April 1998 and *Methods for Chemical Analysis of Water and Wastes*, March 1983. The laboratory provided a full data package containing sample results and associated QA/QC data. The following samples are associated with ARI sample delivery groups (SDGs) HT46, HT50, and HT62:

<u>Sample ID</u>	<u>ARI ID</u>
Beller's Domestic BFF	HT46A
Preister's Domestic BFF	HT46D
89-14 Well	HT50A
89-15 Well	HT50B
87-3 Well	HT50D
Preister's New Irrigation Well	HT50O
Duplicate (Field Duplicate of 87-3 Well)	HT50P
AOI Well	HT62B
Trip Blank (Equipment Blank)	HT62K

The following comments refer to ARI's performance in meeting the quality control specifications outlined in EPA Methods 6010B/7421, 375.2 and 150.1. Data were qualified based on the method criteria and guidance provided in the EPA document "*USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*," July 2002.

Samples were shipped by overnight delivery to the laboratory and cooler temperatures were within the EPA- recommended range of 4°C±2°C.

1. Holding Times – Acceptable except as noted below:

pH by Method 150.1 – The holding time for pH is 24 hours from collection. Samples Beller's Domestic BFF, Preister's Domestic BFF, 89-14 Well, 89-15 Well, 87-3 Well, and AOI Well were analyzed one day past the 24-hour method holding time. The results for pH in these samples are qualified as estimated and flagged with a 'J' based on holding time exceedance.

2. Initial and Continuing Calibrations – Acceptable where applicable
3. Blanks – Acceptable where applicable
4. Laboratory Control Sample (LCS) and/or Standard Reference Material (SRM) - Acceptable
5. Matrix Spike (MS) – Acceptable except as noted below:

Metals by Methods 6010B and 7421 – Matrix spikes were performed on samples 89-14 Well and AOI Well. Results were acceptable.

Sulfate by Method 375.2 – A matrix spike was performed on sample Beller's Domestic BFF. Results were acceptable.

6. Laboratory Duplicate Analysis - Acceptable

Metals by Methods 6010B and 7421 – Laboratory duplicates were performed on samples 89-14 Well and AOI Well. Results were acceptable.

pH by Method 150.1 – Laboratory duplicates were performed on samples Beller's Domestic BFF, 89-14 Well, and Trip Blank (HT62 K). Results were acceptable.

Sulfate by Method 375.2 – A laboratory duplicate was performed on sample Beller's Domestic BFF. Results were acceptable. Results were acceptable.

7. Field Duplicate - Acceptable

General - A field duplicate was submitted for sample 87-3 Well and identified as Duplicate. Results were comparable for all inorganic analyses.

8. ICP Interference Check Sample (applicable to Metals only) - Acceptable
9. ICP Serial Dilution (applicable to Metals only)

Per the method, the serial dilution was not required as these samples do not constitute an unusual matrix.

10. Type of Review – Summary

Overall Assessment of Data

The usefulness of the data is based on the EPA guidance documents listed above. Upon consideration of the information presented above, the data are acceptable except where flagged with data qualifiers that modify the usefulness of the individual values.

Data Qualifiers

U - The analyte was analyzed for, but not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DNR - Do Not Report. Multiple results reported from different analytical dates and/or dilutions. Value from another analysis should be used.



Analytical Resources, Incorporated
Analytical Chemists and Consultants

February 10, 2005

Karen Mixon
URS Corporation
Century Square
1501 Fourth Avenue Suite 1400
Seattle, WA 98121

RE: Client Project: Lindsay Groundwater, 807
ARI Job No: HR06

Dear Karen:

Please find enclosed the original chain of custody documentation and the final data package for the samples from the project referenced above. Analytical Resources, Inc. (ARI) received two water samples in good condition on February 1, 2005. The samples were received intact and in good condition. The samples were received at a cooler temperature of 11.5° Celsius.

The samples were analyzed for volatile organic compounds and 1,4-dioxane, as requested on the chain-of-custody.

Anomalies associated with these analyses are discussed in the case narrative.

A copy of this package will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Stephanie Lucas
Mark D. Harris
Project Manager
206/695-6210
mark@arilabs.com

Enclosures

cc: file HR06

MDH/spl

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila WA 98168
206-695-6200 206-695-6201 (fax)

Page 1 of 1

Turn Around Requested: _____

[illegible]

Relinquished:	Received by:	Special Instructions/Notes	
(Signature) Bob Rother	(Signature) Brian Kessel		
Printed name: Bob Rother	Printed name: BRIAN KESSEL		
Company: Lmc Lindsay	Company: ARI		
Date: 1/31-05	Time: 1400h	Date: 2/1/05	Time: 1030

Number of Coolers:	1
Cooler Temp(s):	11.5
GOC Seals Intact?	NA
Bottles Intact?	Y

Limits of Liability: Analytical Resources, Inc. (ARI) will perform all requested services in accordance with appropriate methodology follow ARI Standard Operating Procedures and Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI releases ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the client.

Please sign here if you would like these samples disposed of after expiration of standard archive times (60 days for waters 90 days for soils, sediments per contract). If you do not want these samples discarded we will begin charging you for storage after the disposal date. Samples to be discarded after expiration:

000002

Case Narrative

URS Corporation
LMC Lindsay Monthly
ARI Job No: HJ85
8 December 2004

Volatile Organic Compounds by Method 8260B

The samples were received preserved with a pH < 2.0. The samples were analyzed on 2/2/05 within the method recommended holding time.

Method Blank: The method blank was free of analytes of interest.

Surrogates: All surrogate recoveries were in control.

Samples: There were no anomalies associated with these samples.

LCS/LCSD: The acetone RPD is above the 30% limit. As the individual percent recoveries were compliant, and acetone is not one of the 9 regulated compounds, no corrective action was taken.

1,4-Dioxane by Method 8270C

The samples were received extracted on 2/2/05 and analyzed on 2/6/05 within the method recommended holding time.

Method Blank: The method blank was free of analytes of interest.

Surrogates: All surrogate recoveries were in control.

Samples: There were no anomalies associated with these samples.

LCS: The percent recovery was within the advisory limits of 30% - 160%.

WATER VOLATILE SYSTEM MONITORING COMPOUND SUMMARY

Matrix: Water (Low Level)

QC Report No: HR06

Lab ID	Client ID	DCE	TOL	BFB	DCB	TOT OUT
020205MB	Method Blank	102%	98.9%	87.3%	111%	0
HR06LCS	Lab Control	87.0%	91.9%	93.8%	93.9%	0
HR06LCD	LCDuplicate	82.6%	98.0%	94.8%	99.4%	0
HR06A	Artesian Klassen W	95.5%	101%	86.2%	106%	0

SW8260B

	LCS/MB LIMITS	QC LIMITS
(DCE) = 1,2-Dichloroethane-d4	(68-126)	(62-138)
(TOL) = Toluene-d8	(59-121)	(66-124)
(BFB) = Bromofluorobenzene	(62-117)	(60-111)
(DCB) = 1,2-Dichlorobenzene-d4	(77-122)	(77-127)

Column to be used to flag recovery values

* Values outside of required QC limits

D System Monitoring Compound diluted out

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-020205

METHOD BLANK

Lab Sample ID: MB-020205

LIMS ID: 05-2073

Matrix: Water

Data Release Authorized: *WJW*

Reported: 02/08/05

QC Report No: HR06-URS Corp

Project: Groundwater

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PAB

Date Analyzed: 02/02/05 12:51

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	98.9%
Bromofluorobenzene	87.3%
d4-1,2-Dichlorobenzene	111%

000008

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: ~~Artesian Klassen Well West~~
11,841

Page 1 of 1

Lab Sample ID: HR06A

QC Report No: HR06-URS Corp

LIMS ID: 05-2073

Project: Groundwater

Matrix: Water

807

Data Release Authorized: *MW*

Date Sampled: 01/31/05

Reported: 02/08/05

Date Received: 02/01/05

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 02/02/05 13:22

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U <i>UJ</i>
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-86-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.5%
d8-Toluene	101%
Bromofluorobenzene	86.2%
d4-1,2-Dichlorobenzene	106%

8/4-14-05

000009

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-020205

LCS/LCSD

Lab Sample ID: LCS-020205

LIMS ID: 05-2073

Matrix: Water

Data Release Authorized: *SWW*

Reported: 02/08/05

QC Report No: HR06-URS Corp

Project: Groundwater

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PAB

LCSD: FINN3/PAB

Date Analyzed LCS: 02/02/05 11:31

LCSD: 02/02/05 11:59

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.1	4.0	77.5%	3.2	4.0	80.0%	3.2%
Bromomethane	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
Vinyl Chloride	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Chloroethane	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Methylene Chloride	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Acetone	18.5	20.0	92.5%	13.4	20.0	67.0%	32.0%
Carbon Disulfide	4.2	4.0	105%	4.2	4.0	105%	0.0%
1,1-Dichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,1-Dichloroethane	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
trans-1,2-Dichloroethene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
cis-1,2-Dichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Chloroform	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
1,2-Dichloroethane	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
2-Butanone	23.4	20.0	117%	21.6	20.0	108%	8.0%
1,1,1-Trichloroethane	3.3	4.0	82.5%	3.3	4.0	82.5%	0.0%
Carbon Tetrachloride	3.9	4.0	97.5%	4.2	4.0	105%	7.4%
Vinyl Acetate	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
Bromodichloromethane	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
1,2-Dichloropropane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
cis-1,3-Dichloropropene	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Trichloroethene	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
Dibromochloromethane	3.2	4.0	80.0%	3.2	4.0	80.0%	0.0%
1,1,2-Trichloroethane	3.1	4.0	77.5%	3.2	4.0	80.0%	3.2%
Benzene	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
trans-1,3-Dichloropropene	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
2-Chloroethylvinylether	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Bromoform	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
4-Methyl-2-Pentanone (MIBK)	17.9	20.0	89.5%	18.2	20.0	91.0%	1.7%
2-Hexanone	16.1	20.0	80.5%	16.3	20.0	81.5%	1.2%
Tetrachloroethene	4.0	4.0	100%	4.3	4.0	108%	7.2%
1,1,2,2-Tetrachloroethane	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Toluene	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
Chlorobenzene	4.0	4.0	100%	4.1	4.0	102%	2.5%
Ethylbenzene	4.6	4.0	115%	4.9	4.0	122%	6.3%
Styrene	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Trichlorofluoromethane	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
1,1,2-Trichloro-1,2,2-trifl	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
m,p-Xylene	9.0	8.0	112%	9.5	8.0	119%	5.4%
o-Xylene	3.6	4.0	90.0%	4.0	4.0	100%	10.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-020205
LCS/LCSD

Lab Sample ID: LCS-020205

QC Report No: HR06-URS Corp

LIMS ID: 05-2073

Project: Groundwater

Matrix: Water

807

Date Analyzed: 02/02/05 11:31

Purge Volume: 20.0 mL

LCSD: 02/02/05 11:59

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	87.0%	82.6%
d8-Toluene	91.9%	98.0%
Bromofluorobenzene	93.8%	94.8%
d4-1,2-Dichlorobenzene	93.9%	99.4%

SW8270 SEMIVOLATILES WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: HR06-URS, Corp
Project: Groundwater
807

<u>Client ID</u>	<u>DXN TOT</u>	<u>OUT</u>
MB-020205	63.6%	0
LCS-020205	65.6%	0
Artesian Klassen W	68.0%	0
Artesian Klassen W	62.0%	0

(DXN) = d8-1,4-Dioxane

<u>LCS/MB LIMITS</u>	<u>QC LIMITS</u>
(30-160)	(30-160)

Prep Method: SW3520C
Log Number Range: 05-2073 to 05-2074

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: MB-020205
METHOD BLANK

Lab Sample ID: MB-020205
LIMS ID: 05-2073
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 02/07/05

QC Report No: HR06-URS Corp
Project: Groundwater
807
Date Sampled: NA
Date Received: NA

Date Extracted: 02/02/05
Date Analyzed: 02/06/05 13:04
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	63.6%
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000014

Surface Discharge Klussh Well

ANALYTICAL
RESOURCES
INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: ~~Artesian Klussh Well West~~
SAMPLE

Lab Sample ID: HR06A
LIMS ID: 05-2073
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 02/07/05

QC Report No: HR06-URS Corp
Project: Groundwater
807
Date Sampled: 01/31/05
Date Received: 02/01/05

Date Extracted: 02/02/05
Date Analyzed: 02/06/05 14:11
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	68.0%
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Km 4/13/05

000015

Surface Discharge Klassen Elm

ANALYTICAL
RESOURCES
INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: ~~Artesian Klassen Well East~~
SAMPLE

Lab Sample ID: HR06B

LIMS ID: 05-2074

Matrix: Water

Data Release Authorized:

Reported: 02/07/05

QC Report No: HR06-URS Corp

Project: Groundwater

807

Date Sampled: 01/31/05

Date Received: 02/01/05

Date Extracted: 02/02/05

Date Analyzed: 02/06/05 14:45

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane

62.0%

000016

Xm 4/13/05

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: LCS-020205
LAB CONTROL

Lab Sample ID: LCS-020205
LIMS ID: 05-2073
Matrix: Water
Data Release Authorized: 
Reported: 02/07/05

QC Report No: HR06-URS Corp
Project: Groundwater
807
Date Sampled: 01/31/05
Date Received: 02/01/05

Date Extracted: 02/02/05
Date Analyzed: 02/06/05 13:38
Instrument/Analyst: NT4/LJR
GPC Cleanup: NO

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

Analyte	Lab Control	Spike Added	Recovery
1,4-Dioxane	19.1	25.0	76.4%

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	65.6%
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Results reported in $\mu\text{g/L}$



Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 March 2005

Karen Mixon
URS Corporation
Century Square
1501 Fourth Avenue Suite 1400
Seattle, WA 98121

RE: Client Project: Lindsay Groundwater, 807
ARI Job Nos: HT46, HT50

Dear Karen:

Please find enclosed the original chain of custody documentation and the final data package for the sample from the project referenced above. Analytical Resources, Inc. (ARI) received. Seventeen water samples and one trip blank were received on February 22, 2005. Sixteen water samples and one trip blank were received on February 23, 2005. All samples were received in tact. The samples were received at cooler temperatures of 4.4° and 5.0° Celsius.

The samples were analyzed for VOAs, 1,4-dioxane, total metals, pH and sulfate as requested.

Problems associated with this analysis are discussed in the case narrative.

A copy of this package will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Mark D. Harris
Mark D. Harris
Project Manager
206/695-6210
mark@arilabs.com

Enclosures

cc: files HT46, HT50

MDH/mdh

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: HT-46		Turn-around Requested:		Page: 1 of 2		 Analytical Resources, Incorporated Analytical Chemists and Consultants 4611 South 134th Place, Suite 100 Tukwila, WA 98168 206-695-6200 206-695-6201 (fax)											
ARI Client Company: LMC LINDSAY		Phone: 1-402-428-7388		Date: 02-21-05				Is Present? YES									
Client Contact: BOB JACOBSON				No. of Coolers: 1				Cooler Temp: 14.4°C									
Client Project Name: GROUND WATER																	
Client Project #: 807		Samplers: Bob Rother		Analysis Requested						Notes/Comments							
Sample ID	Date	Time	SAMPLE NO.	No. Containers	VOC's	PH	SULFATE	METALS	BB, CR, COPE	1-4 DIOXANE							
BELLER'S DOMESTIC B.F.F.	2-20-05	0705HR	11,843	7	X	X	X	X									
BELLER'S DOMESTIC A.F.F.	2-20-05	0715HR	11,844	3	X												
BELLER'S DOMESTIC A.L.F.	2-20-05	0725HR	11,845	5	X					X							
PREISTER'S DOMESTIC B.F.F.	2-20-05	0810HR	11,846	7	X	X	X	X									
PREISTER'S DOMESTIC A.F.F.	2-20-05	0830HR	11,847	3	X												
PREISTER'S DOMESTIC A.L.F.	2-20-05	0840HR	11,848	5	X					X							
PREISTER'S OLD DOMESTIC WELL	2-20-05	0855HR	11,849	3	X												
BELLER'S STOCK TANK TEND	2-20-05	1015HR	11,850	5	X					X							
BELLER'S STOCK TANK PEN	2-20-05	1030HR	11,851	5	X					X							
89-12 WELL	2-20-05	1110HR	11,852	5	X					X							
Comments/Special Instructions	Relinquished by: (Signature) Bob Rother		Received by: (Signature) Jeff Hall		Relinquished by: (Signature)		Received by: (Signature)										
	Printed Name: Bob Rother		Printed Name: JEFF HALL		Printed Name:		Printed Name:										
	Company: Lmc Lindsay		Company: ARI		Company:		Company:										
	Date & Time: 2-21-05 1400h.		Date & Time: 2/22/05 0915		Date & Time:		Date & Time:										

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: HT216		Turn-around Requested:		Page: 2 of 2		 Analytical Resources, Incorporated Analytical Chemists and Consultants 4611 South 134th Place, Suite 100 Tukwila, WA 98168 206-695-6200 206-695-6201 (fax)			
ARI Client Company: LINC LINDSAY		Phone: 1-402-428-7388		Date: 02-21-05				Ice Present? YES	
Client Contact: BOB JACOBSON				No. of Coolers: 1				Cooler Temp: 45.5	
Client Project Name: GROUND WATER				Analysis Requested				Notes/Comments	
Client Project #: 807		Samplers: Bob Rother							
Sample ID	Date	Time	SAMPLE NO. Matrix	No. Containers	VOC's	PH, SULFATE	METALS	PB, CR, CD, FE, 2	1,4 DIOXANE
STOCK WELL BELLER'S IRRIGATION TO	2-20-05	1140HR	11,853	3	X				
MW04-01 (76')	2-20-05	1305MR	11,854	3	X				
MW04-01 (86')	2-20-05	1315MR	11,855	3	X				
MW04-01 (96')	2-20-05	1320MR	11,856	3	X				
MW04-01 (106')	2-20-05	1325MR	11,857	3	X				
MW04-01 (116')	2-20-05	1330MR	11,858	3	X				
DUPLICATE	2-20-05			6	X				
LAB TRIP BLANK				3	X				
REMOVED									
Comments/Special Instructions									
Relinquished by: (Signature) Bob Rother		Received by: (Signature) [Signature]		Relinquished by: (Signature)		Received by: (Signature)			
Printed Name: Bob Rother		Printed Name: Jeffrey Ham		Printed Name:		Printed Name:			
Company: Lmc Lindsay		Company: Aec		Company:		Company:			
Date & Time: 2-21-05 1400hr		Date & Time: 2/22/05 0915		Date & Time:		Date & Time:			

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:		Turn-around Requested:		Page: 1 of 2	
ARI Client Company: LMC LINDSAY		Phone: 1-402-428-7388		Date: 2-22-05	Ice Present? YES
Client Contact: BOB JACOBSON				No. of Coolers: 1	Cooler Temp: 5.0
Client Project Name: GROUND WATER		Analysis Requested			
Client Project #: 807		Samplers: Bob Rother		Notes/Comments	
Sample ID	Date	Time	SAMPLE Matrix No.	No. Containers	
89-14 WELL	2-21-05	0810HR	11,859	5	X X X
89-15 WELL	2-21-05	0910HR	11,860	7	X X X X
89-13 WELL	2-21-05	1105HR	11,861	3	X
87-3 WELL	2-21-05	1225HR	11,862	7	X X X X
MW04-02 c 68'	2-21-05	1430HR	11,863	3	X
MW04-02 c 78'	2-21-05	1435HR	11,864	3	X
MW04-02 c 88'	2-21-05	1448HR	11,865	3	X
MW04-02 c 98'	2-21-05	1445HR	11,866	3	X
89-11 B	2-21-05	1525HR	11,867	3	X
OI WELL	2-22-05	0725HR	11,868	3	X
Comments/Special Instructions	Relinquished by: (Signature) Bob Rother	Received by: (Signature) [Signature]		Relinquished by: (Signature)	
	Printed Name: Bob Rother	Printed Name: [Signature]		Printed Name:	
	Company: LMC Lindsay	Company: ARI		Company:	
	Date & Time: 2-22-05	Date & Time: 2/23/05 0945		Date & Time:	



Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:		Turn-around Requested:		Page: <u>2</u> of <u>2</u>										
ARI Client Company: LMC LINDSAY		Phone: 1-402-428-7388		Date: 2-22-05	Ice Present: YES									
Client Contact: BOB JACOBSON				No. of Coolers: 1	Cooler Temp: 5.0									
Client Project Name: GROUND WATER		Analysis Requested												
Client Project #: 807														
Samplers: Bob Rother		Notes/Comments												
Sample ID	Date	Time	SAMPLE Matrix No.	No. Containers	VOL'S	PH	SULFATE	METALS	BAR, CHL, 24	1-4 DIOXANE				
89-10B WELL	2-22-05	0805HR	11.869	3	X									
92-3A WELL	2-22-05	0825HR	11.870	3	X									
92-3B WELL	2-22-05	0835HR	11.871	3	X									
BELLER'S NEW STOCK WELL	2-22-05	1020HR	11.872	5	X					X				
PREISTER'S NEW IRRIGATION WELL	2-22-05	1300HR	11.873	7	X	X	X	X	X					
DUPLICATE				10	X	X	X	X	X					
LAB TRIP BLANKS				2										
Comments/Special Instructions	Relinquished by: (Signature) Bob Rother		Received by: [Signature]		Relinquished by:		Received by:							
	Printed Name: Bob Rother		Printed Name: Jeffrey Ham		Printed Name:		Printed Name:							
	Company: Lmc Lindsay		Company: ARI		Company:		Company:							
	Date & Time: 2-22-05		Date & Time: 2/23/05 0945		Date & Time:		Date & Time:							



Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Case Narrative

URS Corporation
LMC Lindsay Monthly
Water
ARI Job Nos: HT46, HT50

16 March 2005

Volatile Organic Compounds by Method 8260B

These analyses proceeded without incident of note.

1,4-Dioxane by Method 8270C

This analysis proceeded without incident of note.

The default QC limits used for the LCS/LCSD associated with this analysis are 30-160%.

Metals by Method 6010B

These analyses proceeded without incident of note.

Conventionals by Methods 150.1 and 375.2

These analyses proceeded without incident of note.

000007

WATER VOLATILE SYSTEM MONITORING COMPOUND SUMMARY

Matrix: Water 5 mL

QC Report No: HT46

Lab ID	Client ID	DCE	TOL	BFB	DCB	TOT OUT
HT46H	BELLAR'S STOCK TANK PE	104%	96.4%	79.3%	110%	0
HT46I	BELLAR'S STOCK TANK PE	102%	95.3%	78.2%	114%	0
022805MB	Method Blank	100%	94.8%	83.9%	104%	0
HT46LCS	Lab Cntrl Sample	102%	99.0%	98.7%	96.3%	0
HT46LCSD	Lab Cntrl Sample Dp	101%	99.0%	95.7%	96.2%	0
HT46J	89-12 WELL	103%	95.8%	78.5%	111%	0
HT46J-MS	89-12 WELL	103%	99.4%	95.3%	96.1%	0
HT46J-MSD	89-12 WELL	103%	98.0%	95.6%	99.2%	0

SW8260B

(DCE) = 1,2-Dichloroethane-d4
(TOL) = Toluene-d8
(BFB) = Bromofluorobenzene
(DCB) = 1,2-Dichlorobenzene-d4

LCS/MB LIMITS

(74-133)
(77-131)
(79-127)
(84-132)

QC LIMITS

(74-142)
(84-129)
(77-122)
(85-135)

Column to be used to flag recovery values

* Values outside of required QC limits

D System Monitoring Compound diluted out

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-022805
METHOD BLANK

Lab Sample ID: MB-022805

LIMS ID: 05-3589

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 15:31

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	94.8%
Bromofluorobenzene	83.9%
d4-1,2-Dichlorobenzene	104%

000012

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLAR'S STOCK TANK PEN #7
11,850

Lab Sample ID: HT46H

LIMS ID: 05-3587

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 17:55

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	22
75-34-3	1,1-Dichloroethane	1.0	10
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.4
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U ^{UJ}
71-55-6	1,1,1-Trichloroethane	1.0	26
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U ^{UJ}
79-01-6	Trichloroethene	1.0	0.9 JJ
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U ^R
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	76
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	96.4%
Bromofluorobenzene	79.3%
d4-1,2-Dichlorobenzene	110%

000013

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLAR'S STOCK TANK PEN #6
11,851

Lab Sample ID: HT46I

LIMS ID: 05-3588

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 18:21

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	25
75-34-3	1,1-Dichloroethane	1.0	11
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.5
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U ^{MS}
71-55-6	1,1,1-Trichloroethane	1.0	29
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U ^{MS}
79-01-6	Trichloroethene	1.0	1.0
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U ^{MS}
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	88
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	95.3%
Bromofluorobenzene	78.2%
d4-1,2-Dichlorobenzene	114%

000014

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-12 WELL
11,852

Lab Sample ID: HT46J

LIMS ID: 05-3589

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 18:48

Sample Amount: 1.0 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	5.0	< 5.0 U
74-83-9	Bromomethane	5.0	< 5.0 U
75-01-4	Vinyl Chloride	5.0	< 5.0 U
75-00-3	Chloroethane	5.0	< 5.0 U
75-09-2	Methylene Chloride	10	< 10 U
67-64-1	Acetone	25	< 25 U
75-15-0	Carbon Disulfide	5.0	< 5.0 U
75-35-4	1,1-Dichloroethene	5.0	39
75-34-3	1,1-Dichloroethane	5.0	28
156-60-5	trans-1,2-Dichloroethene	5.0	< 5.0 U
156-59-2	cis-1,2-Dichloroethene	5.0	15
67-66-3	Chloroform	5.0	< 5.0 U
107-06-2	1,2-Dichloroethane	5.0	< 5.0 U
78-93-3	2-Butanone	25	< 25 U ^{MS}
71-55-6	1,1,1-Trichloroethane	5.0	78
56-23-5	Carbon Tetrachloride	5.0	< 5.0 U
108-05-4	Vinyl Acetate	25	< 25 U
75-27-4	Bromodichloromethane	5.0	< 5.0 U
78-87-5	1,2-Dichloropropane	5.0	< 5.0 U
10061-01-5	cis-1,3-Dichloropropene	5.0	< 5.0 U ^{MS}
79-01-6	Trichloroethene	5.0	6.6
124-48-1	Dibromochloromethane	5.0	< 5.0 U
79-00-5	1,1,2-Trichloroethane	5.0	< 5.0 U
71-43-2	Benzene	5.0	< 5.0 U
10061-02-6	trans-1,3-Dichloropropene	5.0	< 5.0 U
110-75-8	2-Chloroethylvinylether	25	< 25 U ^R
75-25-2	Bromoform	5.0	< 5.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	< 25 U
591-78-6	2-Hexanone	25	< 25 U
127-18-4	Tetrachloroethene	5.0	370
79-34-5	1,1,2,2-Tetrachloroethane	5.0	< 5.0 U
108-88-3	Toluene	5.0	< 5.0 U
108-90-7	Chlorobenzene	5.0	< 5.0 U
100-41-4	Ethylbenzene	5.0	< 5.0 U
100-42-5	Styrene	5.0	< 5.0 U
75-69-4	Trichlorofluoromethane	5.0	< 5.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	10	< 10 U
1330-20-7	m,p-Xylene	5.0	< 5.0 U
95-47-6	o-Xylene	5.0	< 5.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	103%
d8-Toluene	95.8%
Bromofluorobenzene	78.5%
d4-1,2-Dichlorobenzene	111%

4-14-05

000015

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-12 WELL
MS/MSD

Lab Sample ID: HT46J

LIMS ID: 05-3589

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst MS: NT3/PAB

MSD: NT3/PAB

Date Analyzed MS: 02/28/05 21:52

MSD: 02/28/05 22:18

Sample Amount MS: 1.0 mL

MSD: 1.0 mL

Purge Volume MS: 5.0 mL

MSD: 5.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 5.0	210	250	84.0%	194	250	77.6%	7.9%
Bromomethane	< 5.0	233	250	93.2%	218	250	87.2%	6.7%
Vinyl Chloride	< 5.0	306	250	122%	279	250	112%	9.2%
Chloroethane	< 5.0	248	250	99.2%	230	250	92.0%	7.5%
Methylene Chloride	< 10.0	258	250	103%	239	250	95.6%	7.6%
Acetone	< 25.0	1060	1250	84.8%	1020	1250	81.6%	3.8%
Carbon Disulfide	< 5.0	216	250	86.4%	196	250	78.4%	9.7%
1,1-Dichloroethene	39.4	274	250	93.8%	260	250	88.2%	5.2%
1,1-Dichloroethane	28.1	258	250	92.0%	244	250	86.4%	5.6%
trans-1,2-Dichloroethene	< 5.0	234	250	93.6%	225	250	90.0%	3.9%
cis-1,2-Dichloroethene	14.8	252	250	94.9%	240	250	90.1%	4.9%
Chloroform	< 5.0	242	250	96.8%	226	250	90.4%	6.8%
1,2-Dichloroethane	< 5.0	242	250	96.8%	222	250	88.8%	8.6%
2-Butanone	< 25.0	965	1250	77.2%	955	1250	76.4%	1.0%
1,1,1-Trichloroethane	78.0	294	250	86.4%	281	250	81.2%	4.5%
Carbon Tetrachloride	< 5.0	290	250	116%	260	250	104%	10.9%
Vinyl Acetate	< 25.0	200	250	80.0%	182	250	72.8%	9.4%
Bromodichloromethane	< 5.0	232	250	92.8%	214	250	85.6%	8.1%
1,2-Dichloropropane	< 5.0	239	250	95.6%	221	250	88.4%	7.8%
cis-1,3-Dichloropropene	< 5.0	198	250	79.2%	188	250	75.2%	5.2%
Trichloroethene	6.6	226	250	87.8%	216	250	83.8%	4.5%
Dibromochloromethane	< 5.0	225	250	90.0%	211	250	84.4%	6.4%
1,1,2-Trichloroethane	< 5.0	254	250	102%	230	250	92.0%	9.9%
Benzene	< 5.0	257	250	103%	236	250	94.4%	8.5%
trans-1,3-Dichloropropene	< 5.0	208	250	83.2%	191	250	76.4%	8.5%
2-Chloroethylvinylether	< 25.0	< 25.0	250	NA	< 25.0	250	NA	NA
Bromoform	< 5.0	204	250	81.6%	196	250	78.4%	4.0%
4-Methyl-2-Pentanone (MIBK)	< 25.0	1000	1250	80.0%	965	1250	77.2%	3.6%
2-Hexanone	< 25.0	1060	1250	84.8%	1000	1250	80.0%	5.8%
Tetrachloroethene	372	610	250	95.2%	580	250	83.2%	5.0%
1,1,2,2-Tetrachloroethane	< 5.0	235	250	94.0%	223	250	89.2%	5.2%
Toluene	< 5.0	236	250	94.4%	217	250	86.8%	8.4%
Chlorobenzene	< 5.0	264	250	106%	244	250	97.6%	7.9%
Ethylbenzene	< 5.0	237	250	94.8%	220	250	88.0%	7.4%
Styrene	< 5.0	229	250	91.6%	211	250	84.4%	8.2%
Trichlorofluoromethane	< 5.0	248	250	99.2%	226	250	90.4%	9.3%
1,1,2-Trichloro-1,2,2-trifl	< 10.0	224	250	89.6%	199	250	79.6%	11.8%
m,p-Xylene	< 5.0	473	500	94.6%	441	500	88.2%	7.0%
o-Xylene	< 5.0	206	250	82.4%	195	250	78.0%	5.5%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-022805

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-022805

QC Report No: HT46-URS Corp

LIMS ID: 05-3589

Project: LMC Lindsay Quarterly

Matrix: Water

807

Data Release Authorized: *SB*

Date Sampled: NA

Reported: 03/07/05

Date Received: NA

Instrument/Analyst LCS: NT3/PAB

Sample Amount LCS: 5.00 mL

LCSD: NT3/PAB

LCSD: 5.00 mL

Date Analyzed LCS: 02/28/05 14:39

Purge Volume LCS: 5.0 mL

LCSD: 02/28/05 15:05

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	41.5	50.0	83.0%	39.9	50.0	79.8%	3.9%
Bromomethane	45.9	50.0	91.8%	45.2	50.0	90.4%	1.5%
Vinyl Chloride	61.0	50.0	122%	56.1	50.0	112%	8.4%
Chloroethane	49.8	50.0	99.6%	47.3	50.0	94.6%	5.1%
Methylene Chloride	51.2	50.0	102%	47.8	50.0	95.6%	6.9%
Acetone	223	250	89.2%	212	250	84.8%	5.1%
Carbon Disulfide	44.3	50.0	88.6%	42.4	50.0	84.8%	4.4%
1,1-Dichloroethene	46.8	50.0	93.6%	44.7	50.0	89.4%	4.6%
1,1-Dichloroethane	46.1	50.0	92.2%	44.2	50.0	88.4%	4.2%
trans-1,2-Dichloroethene	48.3	50.0	96.6%	46.0	50.0	92.0%	4.9%
cis-1,2-Dichloroethene	48.2	50.0	96.4%	46.6	50.0	93.2%	3.4%
Chloroform	47.8	50.0	95.6%	45.4	50.0	90.8%	5.2%
1,2-Dichloroethane	47.7	50.0	95.4%	44.3	50.0	88.6%	7.4%
2-Butanone	208	250	83.2%	203	250	81.2%	2.4%
1,1,1-Trichloroethane	44.9	50.0	89.8%	42.7	50.0	85.4%	5.0%
Carbon Tetrachloride	57.1	50.0	114%	53.3	50.0	107%	6.9%
Vinyl Acetate	42.5	50.0	85.0%	42.2	50.0	84.4%	0.7%
Bromodichloromethane	46.4	50.0	92.8%	44.4	50.0	88.8%	4.4%
1,2-Dichloropropane	47.2	50.0	94.4%	45.1	50.0	90.2%	4.6%
cis-1,3-Dichloropropene	41.5	50.0	83.0%	39.2	50.0	78.4%	5.7%
Trichloroethene	45.9	50.0	91.8%	43.7	50.0	87.4%	4.9%
Dibromochloromethane	45.7	50.0	91.4%	43.0	50.0	86.0%	6.1%
1,1,2-Trichloroethane	49.2	50.0	98.4%	46.7	50.0	93.4%	5.2%
Benzene	51.1	50.0	102%	48.0	50.0	96.0%	6.3%
trans-1,3-Dichloropropene	42.1	50.0	84.2%	39.5	50.0	79.0%	6.4%
2-Chloroethylvinylether	29.0	50.0	58.0%	29.4	50.0	58.8%	1.4%
Bromoform	42.8	50.0	85.6%	40.5	50.0	81.0%	5.5%
4-Methyl-2-Pentanone (MIBK)	216	250	86.4%	207	250	82.8%	4.3%
2-Hexanone	223	250	89.2%	210	250	84.0%	6.0%
Tetrachloroethene	47.1	50.0	94.2%	44.2	50.0	88.4%	6.4%
1,1,2,2-Tetrachloroethane	47.0	50.0	94.0%	45.2	50.0	90.4%	3.9%
Toluene	47.4	50.0	94.8%	44.3	50.0	88.6%	6.8%
Chlorobenzene	52.1	50.0	104%	48.8	50.0	97.6%	6.5%
Ethylbenzene	48.4	50.0	96.8%	45.1	50.0	90.2%	7.1%
Styrene	46.2	50.0	92.4%	42.6	50.0	85.2%	8.1%
Trichlorofluoromethane	51.1	50.0	102%	48.7	50.0	97.4%	4.8%
1,1,2-Trichloro-1,2,2-trifluoroethane	47.9	50.0	95.8%	46.0	50.0	92.0%	4.0%
m,p-Xylene	97.7	100	97.7%	89.1	100	89.1%	9.2%
o-Xylene	42.7	50.0	85.4%	40.4	50.0	80.8%	5.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-022805
LCS/LCSD

Lab Sample ID: LCS-022805

QC Report No: HT46-URS Corp

LIMS ID: 05-3589

Project: LMC Lindsay Quarterly
807

Matrix: Water

Date Analyzed: 02/28/05 14:39

Purge Volume: 5.0 mL

LCSD: 02/28/05 15:05

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	102%	101%
d8-Toluene	99.0%	99.0%
Bromofluorobenzene	98.7%	95.7%
d4-1,2-Dichlorobenzene	96.3%	96.2%

WATER VOLATILE SYSTEM MONITORING COMPOUND SUMMARY

Matrix: Water (Low Level)

QC Report No: HT46

Lab ID	Client ID	DCE	TOL	BFB	DCB	TOT OUT
022305MB	Method Blank	79.3%	97.2%	85.7%	95.4%	0
HT46LCS	Lab Control	83.0%	98.8%	93.0%	90.2%	0
HT46LCD	LCDuplicate	82.6%	101%	95.4%	97.8%	0
HT46A	BELLAR'S DOMESTIC	84.5%	105%	93.0%	105%	0
HT46B	BELLAR'S DOMESTIC	95.5%	109%	98.0%	107%	0
HT46C	BELLAR'S DOMESTIC	99.2%	108%	96.2%	107%	0
HT46D	PREISTER'S DOMESTI	95.8%	104%	94.8%	100%	0
HT46E	PREISTER'S DOMESTI	91.5%	107%	95.0%	103%	0
HT46F	PREISTER'S DOMESTI	87.8%	109%	96.2%	106%	0
022505MB	Method Blank	78.1%	98.6%	90.6%	101%	0
HT46LCS	Lab Control	74.5%	94.2%	91.8%	94.4%	0
HT46LCD	LCDuplicate	80.6%	97.2%	98.3%	102%	0
HT46G	PREISTER'S OLD DOM	80.5%	96.8%	92.2%	104%	0
HT46K	BELLAR'S IRRIGATIO	88.5%	106%	96.0%	109%	0
HT46KDL	BELLAR'S IRRIGATIO	70.7%	94.5%	87.0%	98.1%	0
HT46L	MW04-01 (76')	92.8%	108%	95.5%	104%	0
HT46M	MW04-01 (86')	92.8%	104%	96.0%	105%	0
HT46N	MW04-01 (96')	80.0%	100%	95.8%	109%	0
HT46O	MW04-01 (106')	84.8%	101%	97.8%	111%	0
HT46P	MW04-01 (116')	81.8%	99.0%	97.8%	108%	0
HT46Q	DUPLICATE	87.2%	104%	98.2%	126%	0
HT46R	LAB TRIP BLANK	91.0%	106%	94.5%	104%	0

SW8260B	LCS/MB LIMITS	QC LIMITS
(DCE) = 1,2-Dichloroethane-d4	(68-126)	(62-138)
(TOL) = Toluene-d8	(59-121)	(66-124)
(BFB) = Bromofluorobenzene	(62-117)	(60-111)
(DCB) = 1,2-Dichlorobenzene-d4	(77-122)	(77-127)

Column to be used to flag recovery values

* Values outside of required QC limits

D System Monitoring Compound diluted out

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-022305
METHOD BLANK

Lab Sample ID: MB-022305

LIMS ID: 05-3580

Matrix: Water

Data Release Authorized: 

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/23/05 11:35

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	79.3%
d8-Toluene	97.2%
Bromofluorobenzene	85.7%
d4-1,2-Dichlorobenzene	95.4%

000022

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-022505
METHOD BLANK

Lab Sample ID: MB-022505

LIMS ID: 05-3586

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/25/05 11:42

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	78.1%
d8-Toluene	98.6%
Bromofluorobenzene	90.6%
d4-1,2-Dichlorobenzene	101%

000023

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: BELLAR'S DOMESTIC B.F.F.
11,843

Lab Sample ID: HT46A

LIMS ID: 05-3580

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 15:44

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U ^{UJ}
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.3
75-15-0	Carbon Disulfide	0.2	< 0.2 U ^{UJ}
75-35-4	1,1-Dichloroethene	0.2	0.9
75-34-3	1,1-Dichloroethane	0.2	0.5
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	0.8 J
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U ^{UJ}
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	4.2
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	84.5%
d8-Toluene	105%
Bromofluorobenzene	93.0%
d4-1,2-Dichlorobenzene	105%

44-1405

000024

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLAR'S DOMESTIC A.F.F.
11,844

Lab Sample ID: HT46B

LIMS ID: 05-3581

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 16:04

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UT</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>UT</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>UT</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>UT</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.5
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.5%
d8-Toluene	109%
Bromofluorobenzene	98.0%
d4-1,2-Dichlorobenzene	107%

9/4/05

000025

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: BELLAR'S DOMESTIC A.L.F.
11,845

Lab Sample ID: HT46C

LIMS ID: 05-3582

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 16:34

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.2
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>UJ</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>UJ</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>UJ</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.2%
d8-Toluene	108%
Bromofluorobenzene	96.2%
d4-1,2-Dichlorobenzene	107%

114-14-05

000026

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: PREISTER'S DOMESTIC B.F.P.
11,846

Lab Sample ID: HT46D

LIMS ID: 05-3583

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/23/05 17:04

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.9
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>UJ</i>
75-35-4	1,1-Dichloroethene	0.2	0.6
75-34-3	1,1-Dichloroethane	0.2	0.4
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	0.4
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	0.8 <i>UJ</i>
56-23-5	Carbon Tetrachloride	0.2	1.3
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.8
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.8%
d8-Toluene	104%
Bromofluorobenzene	94.8%
d4-1,2-Dichlorobenzene	100%

000027

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: PREISTER'S DOMESTIC A.F.F.
11,847

Lab Sample ID: HT46E

LIMS ID: 05-3584

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 17:35

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.6
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>UJ</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>UJ</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>UJ</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	91.5%
d8-Toluene	107%
Bromofluorobenzene	95.0%
d4-1,2-Dichlorobenzene	103%

94-14-02

000028

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: PREISTER'S DOMESTIC A.L.P.
11,848

Page 1 of 1

Lab Sample ID: HT46F

QC Report No: HT46-URS Corp

LIMS ID: 05-3585

Project: LMC Lindsay Quarterly

Matrix: Water

807

Data Release Authorized:

Date Sampled: 02/20/05

Reported: 03/07/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 02/23/05 18:04

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>WJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	1.8
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>WJ</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>WJ</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>WJ</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	87.8%
d8-Toluene	109%
Bromofluorobenzene	96.2%
d4-1,2-Dichlorobenzene	106%

964-11-05

000029

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: PREISTER'S OLD DOMESTIC WELL
11,849

Lab Sample ID: HT46G

LIMS ID: 05-3586

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 13:27

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.4
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	8.4
75-34-3	1,1-Dichloroethane	0.2	0.9
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	9.8
56-23-5	Carbon Tetrachloride	0.2	0.3
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	8.7
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	80.5%
d8-Toluene	96.8%
Bromofluorobenzene	92.2%
d4-1,2-Dichlorobenzene	104%

#441405

000030

54278

ANALYTICAL
RESOURCES
INCORPORATED

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLAR'S IRRIGATION TO STOCK W
11,853

Lab Sample ID: HT46K

LIMS ID: 05-3590

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 19:04

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>WJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	92 E <i>DNR</i>
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>WJ</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	2.1
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	100 E <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>WJ</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>WJ</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.5%
d8-Toluene	106%
Bromofluorobenzene	96.0%
d4-1,2-Dichlorobenzene	109%

8/4-11-05

000031

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLAR'S IRRIGATION TO STOCK
DILUTION

Lab Sample ID: HT46K

LIMS ID: 05-3590

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 13:57

Sample Amount: 10.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.4	< 0.4 U DNR
74-83-9	Bromomethane	0.4	< 0.4 U
75-01-4	Vinyl Chloride	0.4	< 0.4 U
75-00-3	Chloroethane	0.4	< 0.4 U
75-09-2	Methylene Chloride	0.6	< 0.6 U DNR
67-64-1	Acetone	2.0	96
75-15-0	Carbon Disulfide	0.4	< 0.4 U DNR
75-35-4	1,1-Dichloroethene	0.4	< 0.4 U
75-34-3	1,1-Dichloroethane	0.4	< 0.4 U
156-60-5	trans-1,2-Dichloroethene	0.4	< 0.4 U
156-59-2	cis-1,2-Dichloroethene	0.4	< 0.4 U
67-66-3	Chloroform	0.4	2.0
107-06-2	1,2-Dichloroethane	0.4	< 0.4 U DNR
78-93-3	2-Butanone	2.0	99
71-55-6	1,1,1-Trichloroethane	0.4	< 0.4 U DNR
56-23-5	Carbon Tetrachloride	0.4	< 0.4 U
108-05-4	Vinyl Acetate	0.4	< 0.4 U
75-27-4	Bromodichloromethane	0.4	< 0.4 U
78-87-5	1,2-Dichloropropane	0.4	< 0.4 U
10061-01-5	cis-1,3-Dichloropropene	0.4	< 0.4 U
79-01-6	Trichloroethene	0.4	< 0.4 U
124-48-1	Dibromochloromethane	0.4	< 0.4 U
79-00-5	1,1,2-Trichloroethane	0.4	< 0.4 U
71-43-2	Benzene	0.4	< 0.4 U
10061-02-6	trans-1,3-Dichloropropene	0.4	< 0.4 U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0 U
75-25-2	Bromoform	0.4	< 0.4 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.0	< 2.0 U
591-78-6	2-Hexanone	2.0	< 2.0 U
127-18-4	Tetrachloroethene	0.4	< 0.4 U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	< 0.4 U
108-88-3	Toluene	0.4	< 0.4 U
108-90-7	Chlorobenzene	0.4	< 0.4 U
100-41-4	Ethylbenzene	0.4	< 0.4 U
100-42-5	Styrene	0.4	< 0.4 U
75-69-4	Trichlorofluoromethane	0.4	< 0.4 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	< 0.4 U
1330-20-7	m,p-Xylene	0.8	< 0.8 U
95-47-6	o-Xylene	0.4	< 0.4 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	70.7%
d8-Toluene	94.5%
Bromofluorobenzene	87.0%
d4-1,2-Dichlorobenzene	98.1%

8/4-14-05

000032

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-01 (76')
11,854

Lab Sample ID: HT46L

LIMS ID: 05-3591

Matrix: Water

Data Release Authorized: *AD*
Reported: 03/07/05

QC Report No: HT46-URS Corp.

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 20:03

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	17
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>UJ</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.5
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>UJ</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>UJ</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>UR</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.8%
d8-Toluene	108%
Bromofluorobenzene	95.5%
d4-1,2-Dichlorobenzene	104%

84-14-05

000033

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-01 (86')
11,855

Lab Sample ID: HT46M

LIMS ID: 05-3592

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 20:33

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U ^{WJ}
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	15
75-15-0	Carbon Disulfide	0.2	< 0.2 U ^{WJ}
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.1
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U ^{WJ}
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U ^{WJ}
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.8%
d8-Toluene	104%
Bromofluorobenzene	96.0%
d4-1,2-Dichlorobenzene	105%

4-14-05

000034

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-01 (96')
11,856

Lab Sample ID: HT46N

LIMS ID: 05-3593

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 14:31

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	16
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.1
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	80.0%
d8-Toluene	100%
Bromofluorobenzene	95.8%
d4-1,2-Dichlorobenzene	109%

000035

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-01 (106')
11,857

Lab Sample ID: HT460

LIMS ID: 05-3594

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/25/05 14:54

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	3.4
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	84.8%
d8-Toluene	101%
Bromofluorobenzene	97.8%
d4-1,2-Dichlorobenzene	111%

8/4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-01 (116')
11,858

Lab Sample ID: HT46P

LIMS ID: 05-3595

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 15:24

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	16
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.4
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	81.8%
d8-Toluene	99.0%
Bromofluorobenzene	97.8%
d4-1,2-Dichlorobenzene	108%

4-14-05

000037

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: DUPLICATE

Page 1 of 1

SAMPLE

Lab Sample ID: HT46Q

QC Report No: HT46-URS Corp

LIMS ID: 05-3596

Project: LMC Lindsay Quarterly

Matrix: Water

807

Data Release Authorized:

Date Sampled: 02/20/05

Reported: 03/07/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 02/25/05 15:54

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.2
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	0.7
75-34-3	1,1-Dichloroethane	0.2	0.4
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	0.4
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	0.8
56-23-5	Carbon Tetrachloride	0.2	1.3
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.8
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	87.2%
d8-Toluene	104%
Bromofluorobenzene	98.2%
d4-1,2-Dichlorobenzene	126%

4-14-05

000038

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: LAB TRIP BLANK
SAMPLE

Lab Sample ID: HT46R

LIMS ID: 05-3597

Matrix: Water

Data Release Authorized:

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/03/05

Date Received: 02/22/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/23/05 19:34

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>UJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U <i>UJ</i>
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U <i>UJ</i>
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U <i>UJ</i>
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	91.0%
d8-Toluene	106%
Bromofluorobenzene	94.5%
d4-1,2-Dichlorobenzene	104%

2/4/14-05

000039

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-022305

LCS/LCSD

Lab Sample ID: LCS-022305

LIMS ID: 05-3580

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/07/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

LCSD: FINN1/PAB

Date Analyzed LCS: 02/23/05 10:18

LCSD: 02/23/05 11:14

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2.9	4.0	72.5%	3.0	4.0	75.0%	3.4%
Bromomethane	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
Vinyl Chloride	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
Chloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Methylene Chloride	3.4	4.0	85.0%	3.7	4.0	92.5%	8.5%
Acetone	18.7	20.0	93.5%	18.5	20.0	92.5%	1.1%
Carbon Disulfide	2.9	4.0	72.5%	3.0	4.0	75.0%	3.4%
1,1-Dichloroethene	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
1,1-Dichloroethane	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
cis-1,2-Dichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Chloroform	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,2-Dichloroethane	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
2-Butanone	17.1	20.0	85.5%	16.7	20.0	83.5%	2.4%
1,1,1-Trichloroethane	3.3	4.0	82.5%	3.3	4.0	82.5%	0.0%
Carbon Tetrachloride	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
Vinyl Acetate	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Bromodichloromethane	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
1,2-Dichloropropane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
cis-1,3-Dichloropropene	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
Trichloroethene	4.0	4.0	100%	4.1	4.0	102%	2.5%
Dibromochloromethane	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
1,1,2-Trichloroethane	3.9	4.0	97.5%	3.9	4.0	97.5%	0.0%
Benzene	4.2	4.0	105%	4.4	4.0	110%	4.7%
trans-1,3-Dichloropropene	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
2-Chloroethylvinylether	3.2	4.0	80.0%	3.2	4.0	80.0%	0.0%
Bromoform	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
4-Methyl-2-Pentanone (MIBK)	18.2	20.0	91.0%	18.3	20.0	91.5%	0.5%
2-Hexanone	18.4	20.0	92.0%	18.8	20.0	94.0%	2.2%
Tetrachloroethene	4.2	4.0	105%	4.4	4.0	110%	4.7%
1,1,2,2-Tetrachloroethane	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
Toluene	4.1	4.0	102%	4.3	4.0	108%	4.8%
Chlorobenzene	4.0	4.0	100%	4.2	4.0	105%	4.9%
Ethylbenzene	4.4	4.0	110%	4.8	4.0	120%	8.7%
Styrene	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Trichlorofluoromethane	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
1,1,2-Trichloro-1,2,2-trifl	4.0	4.0	100%	4.1	4.0	102%	2.5%
m,p-Xylene	8.6	8.0	108%	9.2	8.0	115%	6.7%
o-Xylene	3.4	4.0	85.0%	3.7	4.0	92.5%	8.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-022305
LCS/LCSD

Lab Sample ID: LCS-022305

QC Report No: HT46-URS Corp

LIMS ID: 05-3580

Project: LMC Lindsay Quarterly

Matrix: Water

807

Date Analyzed: 02/23/05 10:18

Purge Volume: 20.0 mL

LCSD: 02/23/05 11:14

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	83.0%	82.6%
d8-Toluene	98.8%	101%
Bromofluorobenzene	93.0%	95.4%
d4-1,2-Dichlorobenzene	90.2%	97.8%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-022505

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-022505

QC Report No: HT46-URS Corp

LIMS ID: 05-3586

Project: LMC Lindsay Quarterly

Matrix: Water

807

Data Release Authorized: *AS*

Date Sampled: NA

Reported: 03/07/05

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 02/25/05 10:32

Purge Volume LCS: 20.0 mL

LCSD: 02/25/05 11:12

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	4.0	4.0	100%	4.6	4.0	115%	14.0%
Bromomethane	4.3	4.0	108%	4.8	4.0	120%	11.0%
Vinyl Chloride	4.1	4.0	102%	4.8	4.0	120%	15.7%
Chloroethane	4.2	4.0	105%	4.8	4.0	120%	13.3%
Methylene Chloride	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
Acetone	18.8	20.0	94.0%	20.3	20.0	102%	7.7%
Carbon Disulfide	3.9	4.0	97.5%	4.3	4.0	108%	9.8%
1,1-Dichloroethene	4.2	4.0	105%	4.6	4.0	115%	9.1%
1,1-Dichloroethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	4.1	4.0	102%	7.6%
cis-1,2-Dichloroethene	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
Chloroform	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
1,2-Dichloroethane	3.6	4.0	90.0%	3.9	4.0	97.5%	8.0%
2-Butanone	16.0	20.0	80.0%	17.2	20.0	86.0%	7.2%
1,1,1-Trichloroethane	3.1	4.0	77.5%	3.5	4.0	87.5%	12.1%
Carbon Tetrachloride	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Vinyl Acetate	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Bromodichloromethane	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
1,2-Dichloropropane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
cis-1,3-Dichloropropene	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
Trichloroethene	4.0	4.0	100%	4.2	4.0	105%	4.9%
Dibromochloromethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
1,1,2-Trichloroethane	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Benzene	4.2	4.0	105%	4.5	4.0	112%	6.9%
trans-1,3-Dichloropropene	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
2-Chloroethylvinylether	2.9	4.0	72.5%	3.1	4.0	77.5%	6.7%
Bromoform	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
4-Methyl-2-Pentanone (MIBK)	17.3	20.0	86.5%	17.9	20.0	89.5%	3.4%
2-Hexanone	16.8	20.0	84.0%	17.8	20.0	89.0%	5.8%
Tetrachloroethene	4.0	4.0	100%	4.5	4.0	112%	11.8%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Toluene	4.1	4.0	102%	4.4	4.0	110%	7.1%
Chlorobenzene	3.8	4.0	95.0%	4.3	4.0	108%	12.3%
Ethylbenzene	4.3	4.0	108%	4.8	4.0	120%	11.0%
Styrene	3.4	4.0	85.0%	3.8	4.0	95.0%	11.1%
Trichlorofluoromethane	4.5	4.0	112%	4.5	4.0	112%	0.0%
1,1,2-Trichloro-1,2,2-trifl	4.9	4.0	122%	5.4	4.0	135%	9.7%
m,p-Xylene	8.4	8.0	105%	9.5	8.0	119%	12.3%
o-Xylene	3.3	4.0	82.5%	3.8	4.0	95.0%	14.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-022505
LCS/LCSD

Lab Sample ID: LCS-022505

QC Report No: HT46-URS Corp

LIMS ID: 05-3586

Project: LMC Lindsay Quarterly

Matrix: Water

807

Date Analyzed: 02/25/05 10:32

Purge Volume: 20.0 mL

LCSD: 02/25/05 11:12

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	74.5%	80.6%
d8-Toluene	94.2%	97.2%
Bromofluorobenzene	91.8%	98.3%
d4-1,2-Dichlorobenzene	94.4%	102%

WATER VOLATILE SYSTEM MONITORING COMPOUND SUMMARY

Matrix: Water (Low Level)

QC Report No: HT50

Lab ID	Client ID	DCE	TOL	BFB	DCB	TOT OUT
022505MB	Method Blank	78.1%	98.6%	90.6%	101%	0
HT50LCS	Lab Control	74.5%	94.2%	91.8%	94.4%	0
HT50LCD	LCDuplicate	80.6%	97.2%	98.3%	102%	0
HT50A	89-14-WELL	79.2%	97.5%	95.2%	107%	0
HT50AMS	89-14-WELL	84.4%	95.5%	98.7%	97.9%	0
HT50AMSD	89-14-WELL	86.0%	101%	103%	109%	0
HT50C	89-13-WELL	88.2%	104%	98.2%	102%	0
022805MB	Method Blank	78.4%	97.8%	93.1%	103%	0
HT50LCS	Lab Control	73.8%	89.4%	92.3%	90.8%	0
HT50LCD	LCDuplicate	82.3%	100%	99.0%	100%	0
HT50D	87-3-WELL	87.5%	108%	100%	115%	0
HT50E	MW04-02 @ 68'	82.8%	102%	95.0%	112%	0
HT50EDL	MW04-02 @ 68'	80.8%	100%	93.0%	106%	0
HT50F	MW04-02 @ 78'	82.8%	104%	100%	115%	0
HT50G	MW04-02 @ 88'	77.2%	105%	95.8%	112%	0
HT50H	MW04-02 @ 98'	82.0%	104%	95.5%	112%	0
HT50I	89-11 B	79.0%	104%	96.0%	107%	0
HT50J	OI WELL	82.8%	96.0%	91.5%	106%	0
HT50K	89-10B WELL	88.0%	106%	96.8%	111%	0
HT50L	92-3 A WELL	84.8%	102%	92.8%	104%	0
HT50M	92-3 B WELL	82.8%	107%	95.8%	114%	0
HT50P	DUPLICATE	83.5%	104%	96.8%	108%	0
030705MB	Method Blank	91.7%	104%	88.2%	92.3%	0
HT50LCS	Lab Control	97.4%	107%	96.2%	95.0%	0
HT50LCD	LCDuplicate	90.8%	97.1%	92.5%	88.1%	0
HT50Q	TRIP BLANKS	95.8%	117%	93.8%	102%	0

SW8260B

(DCE) = 1,2-Dichloroethane-d4
(TOL) = Toluene-d8
(BFB) = Bromofluorobenzene
(DCB) = 1,2-Dichlorobenzene-d4

LCS/MB LIMITS

(68-126)
(59-121)
(62-117)
(77-122)

QC LIMITS

(62-138)
(66-124)
(60-111)
(77-127)

Column to be used to flag recovery values

* Values outside of required QC limits

D System Monitoring Compound diluted out

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-022505
METHOD BLANK

Lab Sample ID: MB-022505

LIMS ID: 05-3618

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/25/05 11:42

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	78.1%
d8-Toluene	98.6%
Bromofluorobenzene	90.6%
d4-1,2-Dichlorobenzene	101%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MB-022805

Page 1 of 1

METHOD BLANK

Lab Sample ID: MB-022805

QC Report No: HT50-URS Corp

LIMS ID: 05-3621

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized:

Date Sampled: NA

Reported: 03/08/05

Date Received: NA

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 02/28/05 13:08

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	78.4%
d8-Toluene	97.8%
Bromofluorobenzene	93.1%
d4-1,2-Dichlorobenzene	103%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-030705

METHOD BLANK

Lab Sample ID: MB-030705

LIMS ID: 05-3634

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst: PINN1/PAB

Date Analyzed: 03/07/05 12:55

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	91.7%
d8-Toluene	104%
Bromofluorobenzene	88.2%
d4-1,2-Dichlorobenzene	92.3%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-14-WELL
11,859

Lab Sample ID: HT50A

LIMS ID: 05-3618

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/25/05 12:57

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	0.7 J
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	0.6
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	2.3
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	79.2%
d8-Toluene	97.5%
Bromofluorobenzene	95.2%
d4-1,2-Dichlorobenzene	107%

000048

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-13-WELL
11,861

Lab Sample ID: HT50C

LIMS ID: 05-3620

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/25/05 17:22

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	3.2
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	2.0
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.2%
d8-Toluene	104%
Bromofluorobenzene	98.2%
d4-1,2-Dichlorobenzene	102%

8/4-11-05

000051

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: 87-3-WELL

11,862

Lab Sample ID: HT50D

LIMS ID: 05-3621

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/28/05 16:30

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	2.3 J
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	13
75-34-3	1,1-Dichloroethane	0.2	1.0
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.2
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	6.9
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	11
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	87.5%
d8-Toluene	108%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	115%

8/4/14-05

000052

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-02 @ 68'

Page 1 of 1

11,863

Lab Sample ID: HT50E

QC Report No: HT50-URS Corp

LIMS ID: 05-3622

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized:

Date Sampled: 02/21/05

Reported: 03/08/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 02/25/05 17:52

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	21
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	13
75-34-3	1,1-Dichloroethane	0.2	1.1
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.8
71-55-6	1,1,1-Trichloroethane	0.2	16 R DNR
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	5.5
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.8%
d8-Toluene	102%
Bromofluorobenzene	95.0%
d4-1,2-Dichlorobenzene	112%

8/4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-02 @ 68'
DILUTION

Lab Sample ID: HT50B

LIMS ID: 05-3622

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/28/05 17:53

Sample Amount: 10.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.4	< 0.4 U <i>DNR</i>
74-83-9	Bromomethane	0.4	< 0.4 U
75-01-4	Vinyl Chloride	0.4	< 0.4 U
75-00-3	Chloroethane	0.4	< 0.4 U
75-09-2	Methylene Chloride	0.6	< 0.6 U
67-64-1	Acetone	2.0	22
75-15-0	Carbon Disulfide	0.4	< 0.4 U
75-35-4	1,1-Dichloroethene	0.4	15
75-34-3	1,1-Dichloroethane	0.4	1.2
156-60-5	trans-1,2-Dichloroethene	0.4	< 0.4 U
156-59-2	cis-1,2-Dichloroethene	0.4	0.5
67-66-3	Chloroform	0.4	< 0.4 U
107-06-2	1,2-Dichloroethane	0.4	< 0.4 U
78-93-3	2-Butanone	2.0	3.0 <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	0.4	16
56-23-5	Carbon Tetrachloride	0.4	< 0.4 U <i>DNR</i>
108-05-4	Vinyl Acetate	0.4	< 0.4 U
75-27-4	Bromodichloromethane	0.4	< 0.4 U
78-87-5	1,2-Dichloropropane	0.4	< 0.4 U
10061-01-5	cis-1,3-Dichloropropene	0.4	< 0.4 U
79-01-6	Trichloroethene	0.4	< 0.4 U
124-48-1	Dibromochloromethane	0.4	< 0.4 U
79-00-5	1,1,2-Trichloroethane	0.4	< 0.4 U
71-43-2	Benzene	0.4	< 0.4 U
10061-02-6	trans-1,3-Dichloropropene	0.4	< 0.4 U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0 U
75-25-2	Bromoform	0.4	< 0.4 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.0	< 2.0 U
591-78-6	2-Hexanone	2.0	< 2.0 U
127-18-4	Tetrachloroethene	0.4	5.5
79-34-5	1,1,2,2-Tetrachloroethane	0.4	< 0.4 U
108-88-3	Toluene	0.4	< 0.4 U
108-90-7	Chlorobenzene	0.4	< 0.4 U
100-41-4	Ethylbenzene	0.4	< 0.4 U
100-42-5	Styrene	0.4	< 0.4 U
75-69-4	Trichlorofluoromethane	0.4	< 0.4 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	< 0.4 U
1330-20-7	m,p-Xylene	0.8	< 0.8 U
95-47-6	o-Xylene	0.4	< 0.4 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	80.8%
d8-Toluene	100%
Bromofluorobenzene	93.0%
d4-1,2-Dichlorobenzene	106%

84-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-02 @ 78'
11,864

Lab Sample ID: HT50F

LIMS ID: 05-3623

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 18:22

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	39
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	22 EDNR
75-34-3	1,1-Dichloroethane	0.2	1.7
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.8
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	3.5
71-55-6	1,1,1-Trichloroethane	0.2	27 EDNR
56-23-5	Carbon Tetrachloride	0.2	0.2
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.2
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	19 EDNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.8%
d8-Toluene	104%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	115%

4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: MW04-02 @ 88'

Page 1 of 1

11,865

Lab Sample ID: HT50G

QC Report No: HT50-URS Corp

LIMS ID: 05-3624

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized: *A*

Date Sampled: 02/21/05

Reported: 03/08/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 02/25/05 18:51

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	35
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	23 EDNR
75-34-3	1,1-Dichloroethane	0.2	1.7
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.8
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	5.1
71-55-6	1,1,1-Trichloroethane	0.2	27 E DNR
56-23-5	Carbon Tetrachloride	0.2	0.2
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.2
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	20 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	77.2%
d8-Toluene	105%
Bromofluorobenzene	95.8%
d4-1,2-Dichlorobenzene	112%

4.14.05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-02 @ 98'
11,866

Lab Sample ID: HT50H

LIMS ID: 05-3625

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/25/05 19:21

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	510 E DNR
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	53 E DNR
75-34-3	1,1-Dichloroethane	0.2	3.8
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.7
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	11
71-55-6	1,1,1-Trichloroethane	0.2	62 E DNR
56-23-5	Carbon Tetrachloride	0.2	0.2
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.5
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	37 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.0%
d8-Toluene	104%
Bromofluorobenzene	95.5%
d4-1,2-Dichlorobenzene	112%

2/24/05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-11 B
11,867

Lab Sample ID: HT501

LIMS ID: 05-3626

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/28/05 18:22

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	12
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.3
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	0.4
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	79.0%
d8-Toluene	104%
Bromofluorobenzene	96.0%
d4-1,2-Dichlorobenzene	107%

4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: OI WELL
11,868

Lab Sample ID: HT50J

LIMS ID: 05-3627

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 20:20

Sample Amount: 10.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.4	< 0.4 U
74-83-9	Bromomethane	0.4	< 0.4 U
75-01-4	Vinyl Chloride	0.4	< 0.4 U
75-00-3	Chloroethane	0.4	< 0.4 U
75-09-2	Methylene Chloride	0.6	< 0.6 U
67-64-1	Acetone	2.0	3.8
75-15-0	Carbon Disulfide	0.4	< 0.4 U
75-35-4	1,1-Dichloroethene	0.4	14
75-34-3	1,1-Dichloroethane	0.4	0.5
156-60-5	trans-1,2-Dichloroethene	0.4	< 0.4 U
156-59-2	cis-1,2-Dichloroethene	0.4	< 0.4 U
67-66-3	Chloroform	0.4	< 0.4 U
107-06-2	1,2-Dichloroethane	0.4	< 0.4 U
78-93-3	2-Butanone	2.0	< 2.0 U
71-55-6	1,1,1-Trichloroethane	0.4	8.0
56-23-5	Carbon Tetrachloride	0.4	< 0.4 U
108-05-4	Vinyl Acetate	0.4	< 0.4 U
75-27-4	Bromodichloromethane	0.4	< 0.4 U
78-87-5	1,2-Dichloropropane	0.4	< 0.4 U
10061-01-5	cis-1,3-Dichloropropene	0.4	< 0.4 U
79-01-6	Trichloroethene	0.4	< 0.4 U
124-48-1	Dibromochloromethane	0.4	< 0.4 U
79-00-5	1,1,2-Trichloroethane	0.4	< 0.4 U
71-43-2	Benzene	0.4	< 0.4 U
10061-02-6	trans-1,3-Dichloropropene	0.4	< 0.4 U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0 U ^R
75-25-2	Bromoform	0.4	< 0.4 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.0	< 2.0 U
591-78-6	2-Hexanone	2.0	< 2.0 U
127-18-4	Tetrachloroethene	0.4	13
79-34-5	1,1,2,2-Tetrachloroethane	0.4	< 0.4 U
108-88-3	Toluene	0.4	< 0.4 U
108-90-7	Chlorobenzene	0.4	< 0.4 U
100-41-4	Ethylbenzene	0.4	< 0.4 U
100-42-5	Styrene	0.4	< 0.4 U
75-69-4	Trichlorofluoromethane	0.4	< 0.4 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	< 0.4 U
1330-20-7	m,p-Xylene	0.8	< 0.8 U
95-47-6	o-Xylene	0.4	< 0.4 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.8%
d8-Toluene	96.0%
Bromofluorobenzene	91.5%
d4-1,2-Dichlorobenzene	106%

24-14-05

000059

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: 89-10B WELL
11,869

Lab Sample ID: HT50K

LIMS ID: 05-3628

Matrix: Water

Data Release Authorized: *MS*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/25/05 20:50

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	7.6
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	1.4
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.0%
d8-Toluene	106%
Bromofluorobenzene	96.8%
d4-1,2-Dichlorobenzene	111%

2/4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 92-3 A WELL

Page 1 of 1

11,870

Lab Sample ID: HT50L

QC Report No: HT50-URS Corp

LIMS ID: 05-3629

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized:

Date Sampled: 02/22/05

Reported: 03/08/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Sample Amount: 6.67 mL

Date Analyzed: 02/28/05 19:21

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.6	< 0.6 U
74-83-9	Bromomethane	0.6	< 0.6 U
75-01-4	Vinyl Chloride	0.6	< 0.6 U
75-00-3	Chloroethane	0.6	< 0.6 U
75-09-2	Methylene Chloride	0.9	< 0.9 U
67-64-1	Acetone	3.0	100 J
75-15-0	Carbon Disulfide	0.6	< 0.6 U
75-35-4	1,1-Dichloroethene	0.6	14
75-34-3	1,1-Dichloroethane	0.6	0.6
156-60-5	trans-1,2-Dichloroethene	0.6	< 0.6 U
156-59-2	cis-1,2-Dichloroethene	0.6	< 0.6 U
67-66-3	Chloroform	0.6	< 0.6 U
107-06-2	1,2-Dichloroethane	0.6	< 0.6 U
78-93-3	2-Butanone	3.0	5.2
71-55-6	1,1,1-Trichloroethane	0.6	14
56-23-5	Carbon Tetrachloride	0.6	< 0.6 U
108-05-4	Vinyl Acetate	0.6	< 0.6 U
75-27-4	Bromodichloromethane	0.6	< 0.6 U
78-87-5	1,2-Dichloropropane	0.6	< 0.6 U
10061-01-5	cis-1,3-Dichloropropene	0.6	< 0.6 U
79-01-6	Trichloroethene	0.6	< 0.6 U
124-48-1	Dibromochloromethane	0.6	< 0.6 U
79-00-5	1,1,2-Trichloroethane	0.6	< 0.6 U
71-43-2	Benzene	0.6	< 0.6 U
10061-02-6	trans-1,3-Dichloropropene	0.6	< 0.6 U
110-75-8	2-Chloroethylvinylether	1.5	< 1.5 U ^R
75-25-2	Bromoform	0.6	< 0.6 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.0	< 3.0 U
591-78-6	2-Hexanone	3.0	< 3.0 U
127-18-4	Tetrachloroethene	0.6	5.4
79-34-5	1,1,2,2-Tetrachloroethane	0.6	< 0.6 U
108-88-3	Toluene	0.6	< 0.6 U
108-90-7	Chlorobenzene	0.6	< 0.6 U
100-41-4	Ethylbenzene	0.6	< 0.6 U
100-42-5	Styrene	0.6	< 0.6 U
75-69-4	Trichlorofluoromethane	0.6	< 0.6 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.6	< 0.6 U
1330-20-7	m,p-Xylene	1.2	< 1.2 U
95-47-6	o-Xylene	0.6	< 0.6 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	84.8%
d8-Toluene	102%
Bromofluorobenzene	92.8%
d4-1,2-Dichlorobenzene	104%

4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1ANALYTICAL
RESOURCES
INCORPORATEDSample ID: 92-3 B WELL
11,871

Lab Sample ID: HT50M

LIMS ID: 05-3630

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 02/28/05 19:51

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	65 J
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	3.9
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	5.2
71-55-6	1,1,1-Trichloroethane	0.2	3.0
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U A
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	2.8
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.8%
d8-Toluene	107%
Bromofluorobenzene	95.8%
d4-1,2-Dichlorobenzene	114%

02 414-05

Ap. - 87-3



ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1

Sample ID: DUPLICATE
SAMPLE

Lab Sample ID: HT50P

LIMS ID: 05-3633

Matrix: Water

Data Release Authorized: *AS*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 02/28/05 20:20

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	14
75-34-3	1,1-Dichloroethane	0.2	1.2
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.3
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	7.9
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 UR
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	13
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	83.5%
d8-Toluene	104%
Bromofluorobenzene	96.8%
d4-1,2-Dichlorobenzene	108%

9/4/05

000063

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: TRIP BLANKS
SAMPLE

Lab Sample ID: HT50Q

LIMS ID: 05-3634

Matrix: Water

Data Release Authorized: *AS*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/07/05 14:20

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U ^{WJ}
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^A
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.8%
d8-Toluene	117%
Bromofluorobenzene	93.8%
d4-1,2-Dichlorobenzene	102%

8/4-11-05

000064

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: 89-14-WELL

MS/MSD

Lab Sample ID: HT50A

LIMS ID: 05-3618

Matrix: Water

Data Release Authorized: *AK*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst MS: FINN1/PAB

MSD: FINN1/PAB

Date Analyzed MS: 02/25/05 16:33

MSD: 02/25/05 16:53

Sample Amount MS: 20.0 mL

MSD: 20.0 mL

Purge Volume MS: 20.0 mL

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2	4.7	4.0	118%	4.6	4.0	115%	2.2%
Bromomethane	< 0.2	4.5	4.0	112%	4.9	4.0	122%	8.5%
Vinyl Chloride	< 0.2	5.1	4.0	128%	5.0	4.0	125%	2.0%
Chloroethane	< 0.2	4.4	4.0	110%	4.0	4.0	100%	9.5%
Methylene Chloride	< 0.3	4.6	4.0	115%	4.6	4.0	115%	0.0%
Acetone	< 1.0	23.4	20.0	117%	24.4	20.0	122%	4.2%
Carbon Disulfide	< 0.2	4.5	4.0	112%	4.4	4.0	110%	2.2%
1,1-Dichloroethene	0.7	6.1	4.0	135%	5.9	4.0	130%	3.3%
1,1-Dichloroethane	< 0.2	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
trans-1,2-Dichloroethene	< 0.2	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
cis-1,2-Dichloroethene	< 0.2	4.1	4.0	102%	4.0	4.0	100%	2.5%
Chloroform	< 0.2	4.2	4.0	105%	4.2	4.0	105%	0.0%
1,2-Dichloroethane	< 0.2	4.0	4.0	100%	4.2	4.0	105%	4.9%
2-Butanone	< 1.0	18.1	20.0	90.5%	18.0	20.0	90.0%	0.6%
1,1,1-Trichloroethane	0.6	4.5	4.0	97.5%	4.4	4.0	95.0%	2.2%
Carbon Tetrachloride	< 0.2	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
Vinyl Acetate	< 0.2	3.5	4.0	87.5%	3.3	4.0	82.5%	5.9%
Bromodichloromethane	< 0.2	4.0	4.0	100%	4.0	4.0	100%	0.0%
1,2-Dichloropropane	< 0.2	4.2	4.0	105%	4.2	4.0	105%	0.0%
cis-1,3-Dichloropropene	< 0.2	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Trichloroethene	< 0.2	4.2	4.0	105%	4.2	4.0	105%	0.0%
Dibromochloromethane	< 0.2	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,1,2-Trichloroethane	< 0.2	4.4	4.0	110%	4.4	4.0	110%	0.0%
Benzene	< 0.2	4.5	4.0	112%	4.5	4.0	112%	0.0%
trans-1,3-Dichloropropene	< 0.2	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
2-Chloroethylvinylether	< 0.5	< 0.5	4.0	NA	< 0.5	4.0	NA	NA
Bromoform	< 0.2	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
4-Methyl-2-Pentanone (MIBK)	< 1.0	18.1	20.0	90.5%	18.7	20.0	93.5%	3.3%
2-Hexanone	< 1.0	18.6	20.0	93.0%	19.8	20.0	99.0%	6.2%
Tetrachloroethene	2.3	6.6	4.0	108%	6.4	4.0	102%	3.1%
1,1,2,2-Tetrachloroethane	< 0.2	4.3	4.0	108%	4.1	4.0	102%	4.8%
Toluene	< 0.2	4.4	4.0	110%	4.4	4.0	110%	0.0%
Chlorobenzene	< 0.2	4.1	4.0	102%	4.1	4.0	102%	0.0%
Ethylbenzene	< 0.2	4.7	4.0	118%	4.7	4.0	118%	0.0%
Styrene	< 0.2	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Trichlorofluoromethane	< 0.2	5.0	4.0	125%	5.0	4.0	125%	0.0%
1,1,2-Trichloro-1,2,2-trifl	< 0.2	5.7	4.0	142%	5.4	4.0	135%	5.4%
m,p-Xylene	< 0.4	9.3	8.0	116%	9.1	8.0	114%	2.2%
o-Xylene	< 0.2	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-022505

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-022505

QC Report No: HT50-URS Corp

LIMS ID: 05-3618

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized:

Date Sampled: NA

Reported: 03/08/05

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 02/25/05 10:32

Purge Volume LCS: 20.0 mL

LCSD: 02/25/05 11:12

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	4.0	4.0	100%	4.6	4.0	115%	14.0%
Bromomethane	4.3	4.0	108%	4.8	4.0	120%	11.0%
Vinyl Chloride	4.1	4.0	102%	4.8	4.0	120%	15.7%
Chloroethane	4.2	4.0	105%	4.8	4.0	120%	13.3%
Methylene Chloride	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
Acetone	18.8	20.0	94.0%	20.3	20.0	102%	7.7%
Carbon Disulfide	3.9	4.0	97.5%	4.3	4.0	108%	9.8%
1,1-Dichloroethene	4.2	4.0	105%	4.6	4.0	115%	9.1%
1,1-Dichloroethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	4.1	4.0	102%	7.6%
cis-1,2-Dichloroethene	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
Chloroform	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
1,2-Dichloroethane	3.6	4.0	90.0%	3.9	4.0	97.5%	8.0%
2-Butanone	16.0	20.0	80.0%	17.2	20.0	86.0%	7.2%
1,1,1-Trichloroethane	3.1	4.0	77.5%	3.5	4.0	87.5%	12.1%
Carbon Tetrachloride	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Vinyl Acetate	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Bromodichloromethane	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
1,2-Dichloropropane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
cis-1,3-Dichloropropene	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
Trichloroethene	4.0	4.0	100%	4.2	4.0	105%	4.9%
Dibromochloromethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
1,1,2-Trichloroethane	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Benzene	4.2	4.0	105%	4.5	4.0	112%	6.9%
trans-1,3-Dichloropropene	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
2-Chloroethylvinylether	2.9	4.0	72.5%	3.1	4.0	77.5%	6.7%
Bromoform	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
4-Methyl-2-Pentanone (MIBK)	17.3	20.0	86.5%	17.9	20.0	89.5%	3.4%
2-Hexanone	16.8	20.0	84.0%	17.8	20.0	89.0%	5.8%
Tetrachloroethene	4.0	4.0	100%	4.5	4.0	112%	11.8%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Toluene	4.1	4.0	102%	4.4	4.0	110%	7.1%
Chlorobenzene	3.8	4.0	95.0%	4.3	4.0	108%	12.3%
Ethylbenzene	4.3	4.0	108%	4.8	4.0	120%	11.0%
Styrene	3.4	4.0	85.0%	3.8	4.0	95.0%	11.1%
Trichlorofluoromethane	4.5	4.0	112%	4.5	4.0	112%	0.0%
1,1,2-Trichloro-1,2,2-trifl	4.9	4.0	122%	5.4	4.0	135%	9.7%
m,p-Xylene	8.4	8.0	105%	9.5	8.0	119%	12.3%
o-Xylene	3.3	4.0	82.5%	3.8	4.0	95.0%	14.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-022505

LCS/LCSD

Lab Sample ID: LCS-022505

LIMS ID: 05-3618

Matrix: Water

Date Analyzed: 02/25/05 10:32

LCSD: 02/25/05 11:12

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Purge Volume: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in $\mu\text{g/L}$

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	74.5%	80.6%
d8-Toluene	94.2%	97.2%
Bromofluorobenzene	91.8%	98.3%
d4-1,2-Dichlorobenzene	94.4%	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-022805

LCS/LCSD

Lab Sample ID: LCS-022805

LIMS ID: 05-3621

Matrix: Water

Data Release Authorized: *AA*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

LCSD: FINN1/PAB

Date Analyzed LCS: 02/28/05 11:46

LCSD: 02/28/05 13:54

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Bromomethane	4.3	4.0	108%	4.4	4.0	110%	2.3%
Vinyl Chloride	4.0	4.0	100%	4.0	4.0	100%	0.0%
Chloroethane	4.3	4.0	108%	4.3	4.0	108%	0.0%
Methylene Chloride	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
Acetone	19.6	20.0	98.0%	23.4	20.0	117%	17.7%
Carbon Disulfide	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,1-Dichloroethene	4.5	4.0	112%	4.5	4.0	112%	0.0%
1,1-Dichloroethane	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
cis-1,2-Dichloroethene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Chloroform	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,2-Dichloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
2-Butanone	16.3	20.0	81.5%	16.9	20.0	84.5%	3.6%
1,1,1-Trichloroethane	3.3	4.0	82.5%	3.2	4.0	80.0%	3.1%
Carbon Tetrachloride	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Vinyl Acetate	3.1	4.0	77.5%	3.4	4.0	85.0%	9.2%
Bromodichloromethane	3.5	4.0	87.5%	3.8	4.0	95.0%	8.2%
1,2-Dichloropropane	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
cis-1,3-Dichloropropene	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
Trichloroethene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
Dibromochloromethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
1,1,2-Trichloroethane	4.0	4.0	100%	4.2	4.0	105%	4.9%
Benzene	4.1	4.0	102%	4.1	4.0	102%	0.0%
trans-1,3-Dichloropropene	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
2-Chloroethylvinylether	2.7	4.0	67.5%	3.0	4.0	75.0%	10.5%
Bromoform	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
4-Methyl-2-Pentanone (MIBK)	16.6	20.0	83.0%	18.2	20.0	91.0%	9.2%
2-Hexanone	17.1	20.0	85.5%	18.6	20.0	93.0%	8.4%
Tetrachloroethene	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Toluene	4.1	4.0	102%	4.1	4.0	102%	0.0%
Chlorobenzene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Ethylbenzene	4.3	4.0	108%	4.2	4.0	105%	2.4%
Styrene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Trichlorofluoromethane	4.2	4.0	105%	4.0	4.0	100%	4.9%
1,1,2-Trichloro-1,2,2-trifl	5.2	4.0	130%	5.3	4.0	132%	1.9%
m,p-Xylene	8.7	8.0	109%	8.7	8.0	109%	0.0%
o-Xylene	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-022805

LCS/LCSD

Lab Sample ID: LCS-022805

LIMS ID: 05-3621

Matrix: Water

Date Analyzed: 02/28/05 11:46

LCSD: 02/28/05 13:54

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Purge Volume: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	73.8%	82.3%
d8-Toluene	89.4%	100%
Bromofluorobenzene	92.3%	99.0%
d4-1,2-Dichlorobenzene	90.8%	100%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-030705

Page 1 of 2

LCS/LCSD

Lab Sample ID: LCS-030705

QC Report No: HT50-URS Corp

LIMS ID: 05-3634

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 03/08/05

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 03/07/05 11:47

Purge Volume LCS: 20.0 mL

LCSD: 03/07/05 12:24

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2.9	4.0	72.5%	3.1	4.0	77.5%	6.7%
Bromomethane	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Vinyl Chloride	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
Chloroethane	3.3	4.0	82.5%	3.5	4.0	87.5%	5.9%
Methylene Chloride	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Acetone	18.1	20.0	90.5%	17.6	20.0	88.0%	2.8%
Carbon Disulfide	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
1,1-Dichloroethene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
1,1-Dichloroethane	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
trans-1,2-Dichloroethene	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
cis-1,2-Dichloroethene	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Chloroform	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
1,2-Dichloroethane	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
2-Butanone	18.4	20.0	92.0%	18.3	20.0	91.5%	0.5%
1,1,1-Trichloroethane	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Carbon Tetrachloride	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
Vinyl Acetate	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Bromodichloromethane	3.5	4.0	87.5%	3.2	4.0	80.0%	9.0%
1,2-Dichloropropane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
cis-1,3-Dichloropropene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Trichloroethene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Dibromochloromethane	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
1,1,2-Trichloroethane	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
Benzene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
trans-1,3-Dichloropropene	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
2-Chloroethylvinylether	3.2	4.0	80.0%	2.9	4.0	72.5%	9.8%
Bromoform	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
4-Methyl-2-Pentanone (MIBK)	17.2	20.0	86.0%	16.6	20.0	83.0%	3.6%
2-Hexanone	18.7	20.0	93.5%	19.1	20.0	95.5%	2.1%
Tetrachloroethene	4.1	4.0	102%	4.1	4.0	102%	0.0%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
Toluene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
Chlorobenzene	3.9	4.0	97.5%	3.9	4.0	97.5%	0.0%
Ethylbenzene	4.4	4.0	110%	4.3	4.0	108%	2.3%
Styrene	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Trichlorofluoromethane	3.8	4.0	95.0%	3.4	4.0	85.0%	11.1%
1,1,2-Trichloro-1,2,2-trifl	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
m,p-Xylene	8.6	8.0	108%	8.7	8.0	109%	1.2%
o-Xylene	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-030705

LCS/LCSD

Lab Sample ID: LCS-030705

LIMS ID: 05-3634

Matrix: Water

Date Analyzed: 03/07/05 11:47

LCSD: 03/07/05 12:24

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Purge Volume: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	97.4%	90.8%
d8-Toluene	107%	97.1%
Bromofluorobenzene	96.2%	92.5%
d4-1,2-Dichlorobenzene	95.0%	88.1%

WATER VOLATILE SYSTEM MONITORING COMPOUND SUMMARY

Matrix: Water 5 mL

QC Report No: HT50

Lab ID	Client ID	DCE	TOL	BFB	DCB	TOT OUT
022805MB	Method Blank	100%	94.8%	83.9%	104%	0
HT50LCS	Lab Cntrl Sample	102%	99.0%	98.7%	96.3%	0
HT50LCSD	Lab Cntrl Sample Dp	101%	99.0%	95.7%	96.2%	0
HT50B	89-15-WELL	102%	96.5%	77.7%	111%	0
HT50F-RE	MW04-02 @ 78'	104%	96.5%	79.3%	113%	0
HT50G-RE	MW04-02 @ 88'	102%	111%	105%	101%	0
HT50H-RE	MW04-02 @ 98'	105%	97.0%	77.8%	116%	0
030105MB	Method Blank	92.3%	106%	99.0%	101%	0
HT50LCS	Lab Cntrl Sample	99.5%	116%	109%	108%	0
HT50LCSD	Lab Cntrl Sample Dp	98.5%	114%	106%	106%	0
HT50N	BELLER'S NEW STOCK WEL	99.3%	109%	104%	101%	0
HT50O	PREISTER'S NEW IRRIGAT	99.0%	110%	102%	103%	0

SW8260B

LCS/MB LIMITS

QC LIMITS

(DCE) = 1,2-Dichloroethane-d4

(74-133)

(74-142)

(TOL) = Toluene-d8

(77-131)

(84-129)

(BFB) = Bromofluorobenzene

(79-127)

(77-122)

(DCB) = 1,2-Dichlorobenzene-d4

(84-132)

(85-135)

Column to be used to flag recovery values

* Values outside of required QC limits

D System Monitoring Compound diluted out

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MB-022805

METHOD BLANK

Lab Sample ID: MB-022805

LIMS ID: 05-3619

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 15:31

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	94.8%
Bromofluorobenzene	83.9%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-030105
METHOD BLANK

Lab Sample ID: MB-030105

LIMS ID: 05-3631

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PAB

Date Analyzed: 03/01/05 15:46

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	< 1.0 U
75-34-3	1,1-Dichloroethane	1.0	< 1.0 U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0 U
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	< 1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.3%
d8-Toluene	106%
Bromofluorobenzene	99.0%
d4-1,2-Dichlorobenzene	101%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: 89-15-WELL

Page 1 of 1

11,860

Lab Sample ID: HT50B

QC Report No: HT50-URS Corp

LIMS ID: 05-3619

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Data Release Authorized:

Date Sampled: 02/21/05

Reported: 03/08/05

Date Received: 02/23/05

Instrument/Analyst: NT3/PAB

Sample Amount: 5.00 mL

Date Analyzed: 02/28/05 19:14

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	84
75-34-3	1,1-Dichloroethane	1.0	19
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	19
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U uJ
71-55-6	1,1,1-Trichloroethane	1.0	99
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U uJ
79-01-6	Trichloroethene	1.0	1.2
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U R
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	87
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	96.5%
Bromofluorobenzene	77.7%
d4-1,2-Dichlorobenzene	111%

24-11-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1ANALYTICAL
RESOURCES
INCORPORATEDSample ID: MW04-02 @ 78'
REANALYSIS

Lab Sample ID: HT50F

LIMS ID: 05-3623

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 19:40

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	27
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	14
75-34-3	1,1-Dichloroethane	1.0	1.6 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U DNR
71-55-6	1,1,1-Trichloroethane	1.0	22
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	14
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	96.5%
Bromofluorobenzene	79.3%
d4-1,2-Dichlorobenzene	113%

4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-02 @ 88'
REANALYSIS

Lab Sample ID: HT50G

LIMS ID: 05-3624

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: FINN3/PAB

Date Analyzed: 03/01/05 17:51

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U <i>DNR</i>
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	33
75-15-0	Carbon Disulfide	1.0	< 1.0 U <i>DNR</i>
75-35-4	1,1-Dichloroethene	1.0	14
75-34-3	1,1-Dichloroethane	1.0	1.5 <i>DNR</i>
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	6.6 <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	1.0	23
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U <i>DNR</i>
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U <i>DNR</i>
127-18-4	Tetrachloroethene	1.0	17
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U <i>DNR</i>
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	111%
Bromofluorobenzene	105%
d4-1,2-Dichlorobenzene	101%

2/4/05

000077

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-02 @ 98'
REANALYSIS

Lab Sample ID: HT50H

LIMS ID: 05-3625

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Instrument/Analyst: NT3/PAB

Date Analyzed: 02/28/05 20:33

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U DNR
67-64-1	Acetone	5.0	400
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	30
75-34-3	1,1-Dichloroethane	1.0	3.3 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.7
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	11 DNR
71-55-6	1,1,1-Trichloroethane	1.0	48
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	23
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	97.0%
Bromofluorobenzene	77.8%
d4-1,2-Dichlorobenzene	116%

4-14-05

000078

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: BELLER'S NEW STOCK WELL

11,872

Lab Sample ID: HT50N

LIMS ID: 05-3631

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINN3/PAB

Date Analyzed: 03/01/05 18:17

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethane	1.0	32
75-34-3	1,1-Dichloroethane	1.0	13
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	1.4
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	36
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	1.2
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U R
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	110
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.3%
d8-Toluene	109%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	101%

2/4/05

000079

G127000

ANALYTICAL
RESOURCES
INCORPORATED

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: PREISTER'S NEW IRRIGATION WELL
11,873

Lab Sample ID: HT500

LIMS ID: 05-3632

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Instrument/Analyst: FINN3/PAB

Date Analyzed: 03/01/05 18:43

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	2.0	< 2.0 U
67-64-1	Acetone	5.0	< 5.0 U
75-15-0	Carbon Disulfide	1.0	< 1.0 U
75-35-4	1,1-Dichloroethene	1.0	41
75-34-3	1,1-Dichloroethane	1.0	2.7
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U
71-55-6	1,1,1-Trichloroethane	1.0	64
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U
108-05-4	Vinyl Acetate	5.0	< 5.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U ²
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U
127-18-4	Tetrachloroethene	1.0	42
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	1.0	< 1.0 U
95-47-6	o-Xylene	1.0	< 1.0 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.0%
d8-Toluene	110%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	103%

8/4/05

000080

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-022805

LCS/LCSD

Lab Sample ID: LCS-022805

LIMS ID: 05-3619

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: NT3/PAB

LCSD: NT3/PAB

Sample Amount LCS: 5.00 mL

LCSD: 5.00 mL

Date Analyzed LCS: 02/28/05 14:39

Purge Volume LCS: 5.0 mL

LCSD: 02/28/05 15:05

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	41.5	50.0	83.0%	39.9	50.0	79.8%	3.9%
Bromomethane	45.9	50.0	91.8%	45.2	50.0	90.4%	1.5%
Vinyl Chloride	61.0	50.0	122%	56.1	50.0	112%	8.4%
Chloroethane	49.8	50.0	99.6%	47.3	50.0	94.6%	5.1%
Methylene Chloride	51.2	50.0	102%	47.8	50.0	95.6%	6.9%
Acetone	223	250	89.2%	212	250	84.8%	5.1%
Carbon Disulfide	44.3	50.0	88.6%	42.4	50.0	84.8%	4.4%
1,1-Dichloroethene	46.8	50.0	93.6%	44.7	50.0	89.4%	4.6%
1,1-Dichloroethane	46.1	50.0	92.2%	44.2	50.0	88.4%	4.2%
trans-1,2-Dichloroethene	48.3	50.0	96.6%	46.0	50.0	92.0%	4.9%
cis-1,2-Dichloroethene	48.2	50.0	96.4%	46.6	50.0	93.2%	3.4%
Chloroform	47.8	50.0	95.6%	45.4	50.0	90.8%	5.2%
1,2-Dichloroethane	47.7	50.0	95.4%	44.3	50.0	88.6%	7.4%
2-Butanone	208	250	83.2%	203	250	81.2%	2.4%
1,1,1-Trichloroethane	44.9	50.0	89.8%	42.7	50.0	85.4%	5.0%
Carbon Tetrachloride	57.1	50.0	114%	53.3	50.0	107%	6.9%
Vinyl Acetate	42.5	50.0	85.0%	42.2	50.0	84.4%	0.7%
Bromodichloromethane	46.4	50.0	92.8%	44.4	50.0	88.8%	4.4%
1,2-Dichloropropane	47.2	50.0	94.4%	45.1	50.0	90.2%	4.6%
cis-1,3-Dichloropropene	41.5	50.0	83.0%	39.2	50.0	78.4%	5.7%
Trichloroethene	45.9	50.0	91.8%	43.7	50.0	87.4%	4.9%
Dibromochloromethane	45.7	50.0	91.4%	43.0	50.0	86.0%	6.1%
1,1,2-Trichloroethane	49.2	50.0	98.4%	46.7	50.0	93.4%	5.2%
Benzene	51.1	50.0	102%	48.0	50.0	96.0%	6.3%
trans-1,3-Dichloropropene	42.1	50.0	84.2%	39.5	50.0	79.0%	6.4%
2-Chloroethylvinylether	29.0	50.0	58.0%	29.4	50.0	58.8%	1.4%
Bromoform	42.8	50.0	85.6%	40.5	50.0	81.0%	5.5%
4-Methyl-2-Pentanone (MIBK)	216	250	86.4%	207	250	82.8%	4.3%
2-Hexanone	223	250	89.2%	210	250	84.0%	6.0%
Tetrachloroethene	47.1	50.0	94.2%	44.2	50.0	88.4%	6.4%
1,1,2,2-Tetrachloroethane	47.0	50.0	94.0%	45.2	50.0	90.4%	3.9%
Toluene	47.4	50.0	94.8%	44.3	50.0	88.6%	6.8%
Chlorobenzene	52.1	50.0	104%	48.8	50.0	97.6%	6.5%
Ethylbenzene	48.4	50.0	96.8%	45.1	50.0	90.2%	7.1%
Styrene	46.2	50.0	92.4%	42.6	50.0	85.2%	8.1%
Trichlorofluoromethane	51.1	50.0	102%	48.7	50.0	97.4%	4.8%
1,1,2-Trichloro-1,2,2-trifluoroethane	147.9	50.0	95.8%	46.0	50.0	92.0%	4.0%
m,p-Xylene	97.7	100	97.7%	89.1	100	89.1%	9.2%
o-Xylene	42.7	50.0	85.4%	40.4	50.0	80.8%	5.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-022805
LCS/LCSDANALYTICAL
RESOURCES
INCORPORATED

Lab Sample ID: LCS-022805

QC Report No: HT50-URS Corp

LIMS ID: 05-3619

Project: LMC Lindsay Quarterly

Matrix: Water

16657-002-005

Date Analyzed: 02/28/05 14:39

Purge Volume: 5.0 mL

LCSD: 02/28/05 15:05

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	102%	101%
d8-Toluene	99.0%	99.0%
Bromofluorobenzene	98.7%	95.7%
d4-1,2-Dichlorobenzene	96.3%	96.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-030105

LCS/LCSD

Lab Sample ID: LCS-030105

LIMS ID: 05-3631

Matrix: Water

Data Release Authorized:

Reported: 03/08/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PAB

LCSD: FINN3/PAB

Date Analyzed LCS: 03/01/05 14:00

LCSD: 03/01/05 14:25

Sample Amount LCS: 5.00 mL

LCSD: 5.00 mL

Purge Volume LCS: 5.0 mL

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	43.0	50.0	86.0%	49.1	50.0	98.2%	13.2%
Bromomethane	41.7	50.0	83.4%	48.3	50.0	96.6%	14.7%
Vinyl Chloride	44.8	50.0	89.6%	50.1	50.0	100%	11.2%
Chloroethane	44.4	50.0	88.8%	50.5	50.0	101%	12.9%
Methylene Chloride	42.6	50.0	85.2%	49.4	50.0	98.8%	14.8%
Acetone	243	250	97.2%	255	250	102%	4.8%
Carbon Disulfide	47.7	50.0	95.4%	48.4	50.0	96.8%	1.5%
1,1-Dichloroethene	43.1	50.0	86.2%	48.5	50.0	97.0%	11.8%
1,1-Dichloroethane	43.2	50.0	86.4%	48.7	50.0	97.4%	12.0%
trans-1,2-Dichloroethene	42.6	50.0	85.2%	48.6	50.0	97.2%	13.2%
cis-1,2-Dichloroethene	45.0	50.0	90.0%	51.5	50.0	103%	13.5%
Chloroform	45.1	50.0	90.2%	51.3	50.0	103%	12.9%
1,2-Dichloroethane	46.3	50.0	92.6%	51.7	50.0	103%	11.0%
2-Butanone	263	250	105%	289	250	116%	9.4%
1,1,1-Trichloroethane	42.3	50.0	84.6%	48.1	50.0	96.2%	12.8%
Carbon Tetrachloride	44.4	50.0	88.8%	49.1	50.0	98.2%	10.1%
Vinyl Acetate	50.1	50.0	100%	53.2	50.0	106%	6.0%
Bromodichloromethane	44.7	50.0	89.4%	51.2	50.0	102%	13.6%
1,2-Dichloropropane	47.1	50.0	94.2%	52.8	50.0	106%	11.4%
cis-1,3-Dichloropropene	48.1	50.0	96.2%	55.6	50.0	111%	14.5%
Trichloroethene	46.7	50.0	93.4%	52.2	50.0	104%	11.1%
Dibromochloromethane	45.3	50.0	90.6%	50.5	50.0	101%	10.9%
1,1,2-Trichloroethane	45.9	50.0	91.8%	52.5	50.0	105%	13.4%
Benzene	49.3	50.0	98.6%	54.5	50.0	109%	10.0%
trans-1,3-Dichloropropene	34.7	50.0	69.4%	39.7	50.0	79.4%	13.4%
2-Chloroethylvinylether	47.8	50.0	95.6%	49.7	50.0	99.4%	3.9%
Bromoform	45.5	50.0	91.0%	50.5	50.0	101%	10.4%
4-Methyl-2-Pentanone (MIBK)	300	250	120%	304	250	122%	1.3%
2-Hexanone	313	250	125%	306	250	122%	2.3%
Tetrachloroethene	48.2	50.0	96.4%	52.5	50.0	105%	8.5%
1,1,2,2-Tetrachloroethane	51.2	50.0	102%	55.1	50.0	110%	7.3%
Toluene	50.0	50.0	100%	57.4	50.0	115%	13.8%
Chlorobenzene	51.2	50.0	102%	56.4	50.0	113%	9.7%
Ethylbenzene	43.8	50.0	87.6%	47.7	50.0	95.4%	8.5%
Styrene	53.1	50.0	106%	57.7	50.0	115%	8.3%
Trichlorofluoromethane	42.7	50.0	85.4%	47.3	50.0	94.6%	10.2%
1,1,2-Trichloro-1,2,2-trifluoroethane	47.7	50.0	95.4%	47.3	50.0	94.6%	0.8%
m,p-Xylene	102	100	102%	112	100	112%	9.3%
o-Xylene	50.8	50.0	102%	55.3	50.0	111%	8.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 2 of 2Sample ID: LCS-030105
LCS/LCSD

Lab Sample ID: LCS-030105

LIMS ID: 05-3631

Matrix: Water

Date Analyzed: 03/01/05 14:00

LCSD: 03/01/05 14:25

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Purge Volume: 5.0 mL

LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	99.5%	98.5%
d8-Toluene	116%	114%
Bromofluorobenzene	109%	106%
d4-1,2-Dichlorobenzene	108%	106%

SW8270 SEMIVOLATILES WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Client ID	DYN	TOT	OUT
MB-022405	66.8%		0
LCS-022405	62.0%		0
LCSD-022405	69.2%		0
BELLAR'S DOMESTIC	70.4%		0
BELLAR'S DOMESTIC	70.4%		0
PREISTER'S DOMESTI	65.6%		0
PREISTER'S DOMESTI	63.6%		0
BELLAR'S STOCK TAN	70.8%		0
BELLAR'S STOCK TAN	64.8%		0
89-12 WELL	77.6%		0

(DYN) = d8-1,4-Dioxane

LCS/MB LIMITS
(30-160)QC LIMITS
(30-160)Prep Method: SW3520C
Log Number Range: 05-3580 to 05-3589

SW8270 SEMIVOLATILES WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: HT50-URS Corp
Project: LMC Lindsay Quarterly
16657-002-005

<u>Client ID</u>	<u>DXN</u>	<u>TOT</u>	<u>OUT</u>
MB-022405	66.8%	0	
LCS-022405	62.0%	0	
LCSD-022405	69.2%	0	
89-15-WELL	67.2%	0	
87-3-WELL	63.6%	0	
BELLER'S NEW STOCK	70.0%	0	
PREISTER'S NEW IRR	67.6%	0	
DUPLICATE	70.8%	0	

(DXN) = d8-1,4-Dioxane

<u>LCS/MB LIMITS</u>	<u>QC LIMITS</u>
(30-160)	(30-160)

Prep Method: SW3520C
Log Number Range: 05-3619 to 05-3633

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: MB-022405
METHOD BLANK

Lab Sample ID: MB-022405

LIMS ID: 05-3580

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/09/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: NA

Date Received: NA

Date Extracted: 02/24/05

Date Analyzed: 03/08/05 11:01

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	66.8%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: BELLAR'S DOMESTIC B.F.F.
SAMPLE

Lab Sample ID: HT46A
LIMS ID: 05-3580
Matrix: Water
Data Release Authorized:
Reported: 03/09/05

QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 12:45
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	70.4%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1Sample ID: BELLAR'S DOMESTIC A.L.F.
SAMPLELab Sample ID: HT46C
LIMS ID: 05-3582
Matrix: Water
Data Release Authorized: *AB*
Reported: 03/09/05QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05Date Extracted: 02/24/05
Date Analyzed: 03/08/05 13:20
Instrument/Analyst: NT4/LJRSample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U
Reported in µg/L (ppb)			
Semivolatile Surrogate Recovery			
	d8-1,4-Dioxane	70.4%	

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1



Sample ID: PREISTER'S DOMESTIC B.F.F.
SAMPLE

Lab Sample ID: HT46D
LIMS ID: 05-3583
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 03/09/05

QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 13:55
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	65.6%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: PREISTER'S DOMESTIC A.L.F.
SAMPLE

Lab Sample ID: HT46F
LIMS ID: 05-3585
Matrix: Water
Data Release Authorized:
Reported: 03/09/05

QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 14:30
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	63.6%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: BELLAR'S STOCK TANK PEN #7
SAMPLE

Lab Sample ID: HT46H

LIMS ID: 05-3587

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/09/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Date Extracted: 02/24/05

Date Analyzed: 03/08/05 15:05

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	15

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	70.8%
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000093

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1Sample ID: BELLAR'S STOCK TANK PEN #6
SAMPLELab Sample ID: HT46I
LIMS ID: 05-3588
Matrix: Water
Data Release Authorized:
Reported: 03/09/05QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05Date Extracted: 02/24/05
Date Analyzed: 03/08/05 15:41
Instrument/Analyst: NT4/LJRSample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	14

Reported in µg/L (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	64.8%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: 89-12 WELL
SAMPLE

ANALYTICAL
RESOURCES
INCORPORATED

Lab Sample ID: HT46J
LIMS ID: 05-3589
Matrix: Water
Data Release Authorized: 
Reported: 03/09/05

QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 16:16
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	26

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	77.6%
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000095

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: 89-15-WELL
SAMPLE

Lab Sample ID: HT50B
LIMS ID: 05-3619
Matrix: Water
Data Release Authorized: *AS*
Reported: 03/09/05

QC Report No: HT50-URS Corp
Project: LMC Lindsay Quarterly
16657-002-005
Date Sampled: 02/21/05
Date Received: 02/23/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 16:51
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	20

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	67.2%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: 87-3-WELL
SAMPLE

Lab Sample ID: HT50D

LIMS ID: 05-3621

Matrix: Water

Data Release Authorized: *AA*

Reported: 03/09/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Date Extracted: 02/24/05

Date Analyzed: 03/08/05 17:26

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	4.9 J J

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	63.6%
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2/4/05

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: BELLER'S NEW STOCK WELL
SAMPLE

Lab Sample ID: HT50N
LIMS ID: 05-3631
Matrix: Water
Data Release Authorized:
Reported: 03/09/05

QC Report No: HT50-URS Corp
Project: LMC Lindsay Quarterly
16657-002-005
Date Sampled: 02/22/05
Date Received: 02/23/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 18:01
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	16

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	70.0%
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G127000

ANALYTICAL
RESOURCES
INCORPORATEDSample ID: PREISTER'S NEW IRRIGATION WELL
SAMPLEORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Lab Sample ID: HT500

LIMS ID: 05-3632

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/09/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Date Extracted: 02/24/05

Date Analyzed: 03/08/05 18:36

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	4.7 JJ

Reported in $\mu\text{g/L}$ (ppb)Semivolatile Surrogate Recovery

d8-1,4-Dioxane	67.6%
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03-04-05

Dup- 87-3



ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: DUPLICATE
SAMPLE

Lab Sample ID: HT50P
LIMS ID: 05-3633
Matrix: Water
Data Release Authorized:
Reported: 03/09/05

QC Report No: HT50-URS Corp
Project: LMC Lindsay Quarterly
16657-002-005
Date Sampled: 02/22/05
Date Received: 02/23/05

Date Extracted: 02/24/05
Date Analyzed: 03/08/05 19:11
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	5.3

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane 70.8%

04-11-05

000100

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: LCS-022405
LCS/LCSD

Lab Sample ID: LCS-022405
LIMS ID: 05-3580
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 03/09/05

QC Report No: HT46-URS Corp
Project: LMC Lindsay Quarterly
807
Date Sampled: 02/20/05
Date Received: 02/22/05

Date Extracted LCS/LCSD: 02/24/05

Sample Amount LCS: 500 mL

LCSD: 500 mL

Date Analyzed LCS: 03/08/05 11:36

Final Extract Volume LCS: 0.50 mL

LCSD: 03/08/05 12:10

LCSD: 0.50 mL

Instrument/Analyst LCS: NT4/LJR

Dilution Factor LCS: 1.00

LCSD: NT4/LJR

LCSD: 1.00

GPC Cleanup: NO

Analyte	Spike		LCS		Spike		LCSD		RPD
	LCS	Added-LCS	Recovery	LCSD	Added-LCSD	Recovery	LCSD	Recovery	
1,4-Dioxane	17.0	25.0	68.0%	19.4	25.0	77.6%		13.2%	

Semivolatile Surrogate Recovery

	LCS	LCSD
d8-1,4-Dioxane	62.0%	69.2%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: BELLAR'S DOMESTIC B.F.F.
11,843

Lab Sample ID: HT46A

LIMS ID: 05-3580

Matrix: Water

Data Release Authorized: *BL*

Reported: 03/02/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: 02/20/05

Date Received: 02/22/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/24/05	6010B	02/28/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/24/05	6010B	02/28/05	7440-47-3	Chromium	0.005	0.005	U
3010A	02/24/05	6010B	02/28/05	7439-89-6	Iron	0.05	0.05	U
3020A	02/24/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	
3010A	02/24/05	6010B	02/28/05	7440-66-6	Zinc	0.006	0.007	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: PREISTER'S DOMESTIC B.F.F.

11,846

Lab Sample ID: HT46D

LIMS ID: 05-3583

Matrix: Water

Data Release Authorized: 

Reported: 03/02/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly

807

Date Sampled: 02/20/05

Date Received: 02/22/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/24/05	6010B	02/28/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/24/05	6010B	02/28/05	7440-47-3	Chromium	0.005	0.005	U
3010A	02/24/05	6010B	02/28/05	7439-89-6	Iron	0.05	0.05	U
3020A	02/24/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	U
3010A	02/24/05	6010B	02/28/05	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: HT46MB

LIMS ID: 05-3580

Matrix: Water

Data Release Authorized *[Signature]*

Reported: 03/02/05

QC Report No: HT46-URS Corp

Project: LMC Lindsay Quarterly
807

Date Sampled: NA

Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/24/05	6010B	02/28/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/24/05	6010B	02/28/05	7440-47-3	Chromium	0.005	0.005	U
3010A	02/24/05	6010B	02/28/05	7439-89-6	Iron	0.05	0.05	U
3020A	02/24/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	U
3010A	02/24/05	6010B	02/28/05	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: HT46LCS

QC Report No: HT46-URS Corp

LIMS ID: 05-3580

Project: LMC Lindsay Quarterly

Matrix: Water

807

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 03/02/05

Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Cadmium	6010B	0.505	0.500	101%	
Chromium	6010B	0.492	0.500	98.4%	
Iron	6010B	2.10	2.00	105%	
Lead	7421	0.100	0.100	100%	
Zinc	6010B	0.482	0.500	96.4%	

Reported in mg/L

N-Control limit not met

Control Limits: 80-120%

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-14-WELL
11,859

Lab Sample ID: HT50A

LIMS ID: 05-3618

Matrix: Water

Data Release Authorized *PL*

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/25/05	6010B	03/01/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/25/05	6010B	03/01/05	7440-47-3	Chromium	0.005	0.005	U
3010A	02/25/05	6010B	03/01/05	7439-89-6	Iron	0.05	0.32	
3020A	02/25/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	
3010A	02/25/05	6010B	03/01/05	7440-66-6	Zinc	0.006	2.80	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-14-WELL

11,859

Lab Sample ID: HT50A

LIMS ID: 05-3618

Matrix: Water

Data Release Authorized: *JK*

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Cadmium	6010B	0.002 U	0.002 U	0.0%	+/- 0.002	L
Chromium	6010B	0.005 U	0.005 U	0.0%	+/- 0.005	L
Iron	6010B	0.32	0.30	6.5%	+/- 20%	
Lead	7421	0.001	0.001	0.0%	+/- 0.001	L
Zinc	6010B	2.80	2.53	10.1%	+/- 20%	

Reported in mg/L

*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-14-WELL
11,859

Lab Sample ID: HT50A

LIMS ID: 05-3618

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Cadmium	6010B	0.002 U	0.499	0.500	99.8%	
Chromium	6010B	0.005 U	0.481	0.500	96.2%	
Iron	6010B	0.32	2.35	2.00	102%	
Lead	7421	0.001	0.096	0.100	95.0%	
Zinc	6010B	2.80	3.19	0.500	78.0%	H

Reported in mg/L

N-Control Limit Not Met

H-% Recovery Not Applicable, Sample Concentration Too High

NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 89-15-WELL
11,860

Lab Sample ID: HT50B

LIMS ID: 05-3619

Matrix: Water

Data Release Authorized: 

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/25/05	6010B	03/01/05	7440-43-9	Cadmium	0.004	0.008	
3010A	02/25/05	6010B	03/01/05	7440-47-3	Chromium	0.01	0.01	U
3010A	02/25/05	6010B	03/01/05	7439-89-6	Iron	0.1	32.4	
3020A	02/25/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	
3010A	02/25/05	6010B	03/01/05	7440-66-6	Zinc	0.01	141	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: 87-3-WELL
11,862

Lab Sample ID: HT50D

LIMS ID: 05-3621

Matrix: Water

Data Release Authorized *JK*

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/21/05

Date Received: 02/23/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/25/05	6010B	03/01/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/25/05	6010B	03/01/05	7440-47-3	Chromium	0.005	0.008	
3010A	02/25/05	6010B	03/01/05	7439-89-6	Iron	0.05	0.15	
3020A	02/25/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	U
3010A	02/25/05	6010B	03/01/05	7440-66-6	Zinc	0.006	0.158	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: PREISTER'S NEW IRRIGATION WELL
11,873

Lab Sample ID: HT500

LIMS ID: 05-3632

Matrix: Water

Data Release Authorized: *PK*

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/25/05	6010B	03/01/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/25/05	6010B	03/01/05	7440-47-3	Chromium	0.005	0.005	U
3010A	02/25/05	6010B	03/01/05	7439-89-6	Iron	0.05	0.26	
3020A	02/25/05	7421	03/01/05	7439-92-1	Lead	0.001	0.002	
3010A	02/25/05	6010B	03/01/05	7440-66-6	Zinc	0.006	0.081	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: DUPLICATE
SAMPLE

Lab Sample ID: HT50P

LIMS ID: 05-3633

Matrix: Water

Data Release Authorized

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: 02/22/05

Date Received: 02/23/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/25/05	6010B	03/01/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/25/05	6010B	03/01/05	7440-47-3	Chromium	0.005	0.011	
3010A	02/25/05	6010B	03/01/05	7439-89-6	Iron	0.05	0.16	
3020A	02/25/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	U
3010A	02/25/05	6010B	03/01/05	7440-66-6	Zinc	0.006	0.143	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: HT50MB

LIMS ID: 05-3619

Matrix: Water

Data Release Authorized

Reported: 03/02/05

QC Report No: HT50-URS Corp

Project: LMC Lindsay Quarterly

16657-002-005

Date Sampled: NA

Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	02/25/05	6010B	03/01/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	02/25/05	6010B	03/01/05	7440-47-3	Chromium	0.005	0.005	U
3010A	02/25/05	6010B	03/01/05	7439-89-6	Iron	0.05	0.05	U
3020A	02/25/05	7421	03/01/05	7439-92-1	Lead	0.001	0.001	U
3010A	02/25/05	6010B	03/01/05	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS
Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: HT50LCS
LIMS ID: 05-3619
Matrix: Water
Data Release Authorized
Reported: 03/02/05

QC Report No: HT50-URS Corp
Project: LMC Lindsay Quarterly
16657-002-005
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Cadmium	6010B	0.507	0.500	101%	
Chromium	6010B	0.497	0.500	99.4%	
Iron	6010B	2.11	2.00	106%	
Lead	7421	0.096	0.100	96.0%	
Zinc	6010B	0.499	0.500	99.8%	

Reported in mg/L

N-Control limit not met
Control Limits: 80-120%

SAMPLE RESULTS-CONVENTIONALS
HT46-URS Corp



Matrix: Water
Data Release Authorized: *att*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 807
Date Sampled: 02/20/05
Date Received: 02/22/05

Client ID: BELLAR'S DOMESTIC B.F.F.
ARI ID: 05-3580 HT46A

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/22/05 022205#1	EPA 150.1	std units	0.01	6.93 J
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	4.0	41.2

RL Analytical reporting limit
0 Undetected at reported detection limit

**4-14-05*

SAMPLE RESULTS-CONVENTIONALS
HT46-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *AT*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 807
Date Sampled: 02/20/05
Date Received: 02/22/05

Client ID: PREISTER'S DOMESTIC B.F.F.
ARI ID: 05-3583 HT46D

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/22/05 022205#1	EPA 150.1	std units	0.01	6.97J
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	4.0	43.6

RL Analytical reporting limit
U Undetected at reported detection limit

8/4/05

METHOD BLANK RESULTS-CONVENTIONALS
HT46-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water

Data Release Authorized: *AA*

Reported: 03/02/05

Project: LMC Lindsay Quarterly

Event: 807

Date Sampled: NA

Date Received: NA

Analyte	Date	Units	Blank
Sulfate	03/01/05	mg/L	< 2.0 U

LAB CONTROL RESULTS-CONVENTIONALS
HT46-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *AK*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
pH	02/22/05	std units	6.93	7.00	99.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
HT46-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *DA*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Sulfate ERA #08113	03/01/05	mg/L	26.5	25.0	106.0%

REPLICATE RESULTS-CONVENTIONALS
HT46-URS Corp



Matrix: Water
Data Release Authorized: *at*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 807
Date Sampled: 02/20/05
Date Received: 02/22/05

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HT46A Client ID: BELLAR'S DOMESTIC B.F.F.					
pH	02/22/05	std units	6.93	6.97	0.6%
Sulfate	03/01/05	mg/L	41.2	41.1	0.2%

MS/MSD RESULTS-CONVENTIONALS
HT46-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *gt*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 807
Date Sampled: 02/20/05
Date Received: 02/22/05

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: HT46A Client ID: BELLAR'S DOMESTIC B.F.F.						
Sulfate	03/01/05	mg/L	41.2	147	100	105.8%

SAMPLE RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *QAR*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: 02/21/05
Date Received: 02/23/05

Client ID: 89-14-WELL
ARI ID: 05-3618 HT50A

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/23/05 022305#1	EPA 150.1	std units	0.01	6.02 <i>J</i>
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	10.0	81.3

RL Analytical reporting limit
U Undetected at reported detection limit

2/14/05

SAMPLE RESULTS-CONVENTIONALS
HT50-URS Corp



Matrix: Water
Data Release Authorized:
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: 02/21/05
Date Received: 02/23/05

Client ID: 89-15-WELL
ARI ID: 05-3619 HT50B

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/23/05 022305#1	EPA 150.1	std units	0.01	5.19 J
Sulfate	03/01/05 030105#2	EPA 375.2	mg/L	100	1,050

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *AR*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: 02/21/05
Date Received: 02/23/05

Client ID: 87-3-WELL
ARI ID: 05-3621 HT50D

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/23/05 022305#1	EPA 150.1	std units	0.01	6.84 <i>J</i>
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	4.0	45.2

RL Analytical reporting limit
U Undetected at reported detection limit

2/24/05

SAMPLE RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *RLP*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: 02/22/05
Date Received: 02/23/05

Client ID: PREISTER'S NEW IRRIGATION WELL
ARI ID: 05-3632 HT500

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/23/05 022305#1	EPA 150.1	std units	0.01	6.91
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	10.0	159

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *amp*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: 02/22/05
Date Received: 02/23/05

Client ID: DUPLICATE
ARI ID: 05-3633 HT50P

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/23/05 022305#1	EPA 150.1	std units	0.01	6.85
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	4.0	43.0

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *Q17*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Sulfate	03/01/05	mg/L	< 2.0 U
	03/01/05		< 2.0 U

LAB CONTROL RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *ATP*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
pH	02/23/05	std units	7.00	7.00	100.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
HT50-URS Corp



Matrix: Water
Data Release Authorized: *RA*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Sulfate ERA #08113	03/01/05	mg/L	26.5	25.0	106.0%
	03/01/05		26.1	25.0	104.4%

REPLICATE RESULTS-CONVENTIONALS
HT50-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *MR*
Reported: 03/02/05

Project: LMC Lindsay Quarterly
Event: 16657-002-005
Date Sampled: 02/21/05
Date Received: 02/23/05

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HT50A Client ID: 89-14-WELL					
pH	02/23/05	std units	6.02	6.06	0.7%



Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 March 2005

Karen Mixon
URS Corporation
Century Square
1501 Fourth Avenue Suite 1400
Seattle, WA 98121

RE: Client Project: Lindsay Groundwater, 807
ARI Job No: HT62

Dear Karen:

Please find enclosed the original chain of custody documentation and the final data package for the sample from the project referenced above, Analytical Resources, Inc. (ARI) received. Ten water samples and one trip blank were received in good condition on February 24, 2005. It was noted upon sample receipt that the bottles for sample MW04-03(Bailer) were not received. The bottles for this sample were received under separate cover (HT97). The remaining samples were received intact and in good condition. The samples were received at a cooler temperature of 3.0° Celsius.

The samples were analyzed for VOAs, 1,4-dioxane, total metals, pH and sulfate as requested.

Problems associated with this analysis are discussed in the case narrative.

A copy of this package will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Mark D. Harris
Project Manager
206/695-6210
mark@arilabs.com

Enclosures

cc: file HT62

MDH/mdh

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: HTC 2		Turn-around Requested:		Page: 1 of 2												
ARI Client Company: LMC LINDSAY		Phone: 1-402-428-7388		Date: 2-23-05	Ice Present? YES											
Client Contact: BOB JACOBSON				No. of Coolers: 1	Cooler Temp: B.O.											
Client Project Name: GROUND WATER		Analysis Requested														
Client Project #: 807		Samplers: Bob Rother		Notes/Comments												
Sample ID	Date	Time	SAMPLE Matrix No.	No. Containers	VOC's	PH	SULFATE	METALS	PC, CR, CO, FE, ZN	1-4 DIOLANE						
TI WELL	2-22-05	1445HR	11,874	3	X											
AOI WELL	2-22-05	1525HR	11,875	7	X	X	X	X								
MW04-03 c 45'	2-23-05	1000HR	11,876	3	X											
MW04-03 c 55'	2-23-05	1005HR	11,877	3	X											
MW04-03 c 65'	2-23-05	1010HR	11,878	3	X											
MW04-03 c 85'	2-23-05	1015HR	11,879	3	X											
MW04-03 c 105'	2-23-05	1020HR	11,880	3	X											
MW04-03 c 110'	2-23-05	1025HR	11,881	3	X											
MW04-03 c 120'	2-23-05	1030HR	11,882	3	X											
MW04-03 (BAILER)	2-23-05	1040HR	11,883	2						X						Missing- will be shipped 2-28-05
Comments/Special Instructions:		Relinquished by:		Received by:		Relinquished by:		Received by:								
		(Signature) Bob Rother		(Signature) Brian Kenel		(Signature)		(Signature)								
		Printed Name: Bob Rother		Printed Name: Brian Kenel		Printed Name:		Printed Name:								
		Company: Lmc Lindsay		Company: ARI		Company:		Company:								
Date & Time: 2-23-05 1430		Date & Time: 2/24/05 0945		Date & Time:		Date & Time:										



Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

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Sample Retention Policy: All samples submitted to ART will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.



Analytical Resources, Incorporated
Analytical Chemists and Consultants

Case Narrative

URS Corporation
LMC Lindsay Monthly
Water
ARI Job No: HT62

16 March 2005

Volatile Organic Compounds by Method 8260B

These analyses proceeded without incident of note.

1,4-Dioxane by Method 8270C

This analysis proceeded without incident of note.

The default QC limits used for the LCS/LCSD associated with this analysis are 30-160%.

Metals by Method 6010B

These analyses proceeded without incident of note.

Conventionals by Methods 150.1 and 375.2

These analyses proceeded without incident of note.

000005

WATER VOLATILE SYSTEM MONITORING COMPOUND SUMMARY

Matrix: Water (Low Level)

QC Report No: HT62

Lab ID	Client ID	DCE	TOL	BFB	DCB	TOT OUT
030205MB	Method Blank	73.2%	96.8%	89.6%	100%	0
HT62LCS	Lab Control	79.9%	104%	106%	102%	0
HT62LCD	LCDuplicate	80.3%	96.6%	105%	102%	0
HT62A	TI WELL	83.5%	102%	91.8%	107%	0
HT62AMS	TI WELL	85.5%	108%	103%	107%	0
HT62AMSD	TI WELL	88.4%	106%	98.4%	97.8%	0
HT62B	AOI WELL	94.5%	108%	96.2%	108%	0
030805MB	Method Blank	112%	106%	90.9%	97.6%	0
HT62LCS	Lab Control	106%	104%	95.1%	87.1%	0
HT62LCD	LCDuplicate	110%	101%	89.0%	92.0%	0
HT62C	MW04-03 @ 45'	86.8%	106%	93.8%	104%	0
HT62CDL	MW04-03 @ 45'	115%	108%	89.2%	96.0%	0
HT62D	MW04-03 @ 55'	88.2%	104%	85.2%	101%	0
HT62DDL	MW04-03 @ 55'	116%	108%	94.2%	100%	0
HT62E	MW04-03 @ 65'	98.8%	104%	90.5%	105%	0
HT62EDL	MW04-03 @ 65'	119%	108%	89.0%	91.8%	0
HT62F	MW04-03 @ 85'	101%	106%	92.0%	104%	0
HT62FDL	MW04-03 @ 85'	112%	101%	81.2%	86.8%	0
HT62G	MW04-03 @ 105'	100%	106%	90.8%	106%	0
HT62GDL	MW04-03 @ 105'	120%	104%	90.5%	97.2%	0
HT62H	MW04-03 @ 110'	106%	106%	92.0%	106%	0
HT62HDL	MW04-03 @ 110'	121%	100%	85.2%	89.2%	0
HT62I	MW04-03 @ 120'	92.8%	104%	95.2%	107%	0
HT62IDL	MW04-03 @ 120'	129%	114%	93.0%	94.0%	0
HT62J	FIELD QA/QC-PDB	103%	112%	96.8%	107%	0
HT62K	TRIP BLANK	93.0%	108%	97.8%	108%	0
HT62L	TRIP BLANK	82.0%	100%	91.5%	102%	0

SW8260B

(DCE) = 1,2-Dichloroethane-d4
(TOL) = Toluene-d8
(BFB) = Bromofluorobenzene
(DCB) = 1,2-Dichlorobenzene-d4

LCS/MB LIMITS

(68-126)
(59-121)
(62-117)
(77-122)

QC LIMITS

(62-138)
(66-124)
(60-111)
(77-127)

Column to be used to flag recovery values

* Values outside of required QC limits

D System Monitoring Compound diluted out

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: MB-030205

METHOD BLANK

Lab Sample ID: MB-030205

LIMS ID: 05-3674

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/02/05 14:19

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	73.2%
d8-Toluene	96.8%
Bromofluorobenzene	89.6%
d4-1,2-Dichlorobenzene	100%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MB-030805
METHOD BLANK

Lab Sample ID: MB-030805

LIMS ID: 05-3676

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/08/05 17:30

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	106%
Bromofluorobenzene	90.9%
d4-1,2-Dichlorobenzene	97.6%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: TI WELL
11874

Lab Sample ID: HT62A

LIMS ID: 05-3674

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/22/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/02/05 15:05

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>WJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	83.5%
d8-Toluene	102%
Bromofluorobenzene	91.8%
d4-1,2-Dichlorobenzene	107%

8/4-14-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: AOI WELL
11875

Lab Sample ID: HT62B

LIMS ID: 05-3675

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/22/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/02/05 15:29

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>WJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	4.6
75-34-3	1,1-Dichloroethane	0.2	1.1
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	4.6
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	5.0
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.5%
d8-Toluene	108%
Bromofluorobenzene	96.2%
d4-1,2-Dichlorobenzene	108%

000015

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 45'
11876ANALYTICAL
RESOURCES
INCORPORATED

Lab Sample ID: HT62C

LIMS ID: 05-3676

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/02/05 16:56

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>WJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	16
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	27 E <i>DNR</i>
75-34-3	1,1-Dichloroethane	0.2	1.5
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.6
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.2
71-55-6	1,1,1-Trichloroethane	0.2	35 E <i>DNR</i>
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.2
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>P</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	21 E <i>DNR</i>
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	86.8%
d8-Toluene	106%
Bromofluorobenzene	93.8%
d4-1,2-Dichlorobenzene	104%

2/4/05

000016

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 45'
DILUTION

Lab Sample ID: HT62C

LIMS ID: 05-3676

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/08/05 18:00

Sample Amount: 4.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	1.5	< 1.5 U
67-64-1	Acetone	5.0	23
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	23
75-34-3	1,1-Dichloroethane	1.0	1.6 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	< 5.0 U DNR
71-55-6	1,1,1-Trichloroethane	1.0	33
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	1.0	< 1.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	2.5	< 2.5 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	17
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	1.0	< 1.0 U
1330-20-7	m,p-Xylene	2.0	< 2.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	115%
d8-Toluene	108%
Bromofluorobenzene	89.2%
d4-1,2-Dichlorobenzene	96.0%

000017

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1

Sample ID: MW04-03 @ 55'
11877

ANALYTICAL
RESOURCES
INCORPORATED

Lab Sample ID: HT62D

LIMS ID: 05-3677

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/02/05 18:24

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U UJ
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	29
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	31 E DNR
75-34-3	1,1-Dichloroethane	0.2	1.8
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	0.7
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	4.2
71-55-6	1,1,1-Trichloroethane	0.2	42 E DNR
56-23-5	Carbon Tetrachloride	0.2	0.5
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.3
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	26 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	88.2%
d8-Toluene	104%
Bromofluorobenzene	85.2%
d4-1,2-Dichlorobenzene	101%

000018

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 55'
DILUTION

Lab Sample ID: HT62D

LIMS ID: 05-3677

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/08/05 18:29

Sample Amount: 4.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	1.0	< 1.0 U DNR
74-83-9	Bromomethane	1.0	< 1.0 U
75-01-4	Vinyl Chloride	1.0	< 1.0 U
75-00-3	Chloroethane	1.0	< 1.0 U
75-09-2	Methylene Chloride	1.5	< 1.5 U
67-64-1	Acetone	5.0	39
75-15-0	Carbon Disulfide	1.0	< 1.0 U DNR
75-35-4	1,1-Dichloroethene	1.0	28
75-34-3	1,1-Dichloroethane	1.0	1.9 DNR
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0 U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0 U
67-66-3	Chloroform	1.0	< 1.0 U
107-06-2	1,2-Dichloroethane	1.0	< 1.0 U
78-93-3	2-Butanone	5.0	6.1 DNR
71-55-6	1,1,1-Trichloroethane	1.0	40
56-23-5	Carbon Tetrachloride	1.0	< 1.0 U DNR
108-05-4	Vinyl Acetate	1.0	< 1.0 U
75-27-4	Bromodichloromethane	1.0	< 1.0 U
78-87-5	1,2-Dichloropropane	1.0	< 1.0 U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0 U
79-01-6	Trichloroethene	1.0	< 1.0 U
124-48-1	Dibromochloromethane	1.0	< 1.0 U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0 U
71-43-2	Benzene	1.0	< 1.0 U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0 U
110-75-8	2-Chloroethylvinylether	2.5	< 2.5 U
75-25-2	Bromoform	1.0	< 1.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0 U
591-78-6	2-Hexanone	5.0	< 5.0 U DNR
127-18-4	Tetrachloroethene	1.0	20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0 U DNR
108-88-3	Toluene	1.0	< 1.0 U
108-90-7	Chlorobenzene	1.0	< 1.0 U
100-41-4	Ethylbenzene	1.0	< 1.0 U
100-42-5	Styrene	1.0	< 1.0 U
75-69-4	Trichlorofluoromethane	1.0	< 1.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	< 1.0 U
1330-20-7	m,p-Xylene	2.0	< 2.0 U
95-47-6	o-Xylene	1.0	< 1.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	116%
d8-Toluene	108%
Bromofluorobenzene	94.2%
d4-1,2-Dichlorobenzene	100%

000019

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 65'
11878

Lab Sample ID: HT62E

LIMS ID: 05-3678

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/02/05 18:54

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>W</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	16
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	46 E <i>DNA</i>
75-34-3	1,1-Dichloroethane	0.2	2.5
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.1
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	3.1
71-55-6	1,1,1-Trichloroethane	0.2	56 E <i>DNA</i>
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.4
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	36 E <i>DNA</i>
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.8%
d8-Toluene	104%
Bromofluorobenzene	90.5%
d4-1,2-Dichlorobenzene	105%

2/14/05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 65'
DILUTION

Lab Sample ID: HT62E

LIMS ID: 05-3678

Matrix: Water

Data Release Authorized: *B*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/08/05 18:59

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U <i>DNR</i>
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	< 3.0 U
67-64-1	Acetone	10	25
75-15-0	Carbon Disulfide	2.0	< 2.0 U <i>DNR</i>
75-35-4	1,1-Dichloroethene	2.0	42
75-34-3	1,1-Dichloroethane	2.0	2.6 <i>DNR</i>
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	2.0	54
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U <i>DNR</i>
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U <i>DNR</i>
127-18-4	Tetrachloroethene	2.0	27
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U <i>DNR</i>
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	119%
d8-Toluene	108%
Bromofluorobenzene	89.0%
d4-1,2-Dichlorobenzene	91.8%

2/4/05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 85'
11879ANALYTICAL
RESOURCES
INCORPORATED

Lab Sample ID: HT62F

LIMS ID: 05-3679

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/02/05 19:23

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U ^{WJ}
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	22
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	62 E DNR
75-34-3	1,1-Dichloroethane	0.2	3.6
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	3.2
71-55-6	1,1,1-Trichloroethane	0.2	73 E DNR
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.6
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	47 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	106%
Bromofluorobenzene	92.0%
d4-1,2-Dichlorobenzene	104%

04-14-05

000022

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 85'
DILUTION

Lab Sample ID: HT62F

LIMS ID: 05-3679

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/08/05 19:29

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U <i>DNR</i>
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	< 3.0 U
67-64-1	Acetone	10	37
75-15-0	Carbon Disulfide	2.0	< 2.0 U <i>DNR</i>
75-35-4	1,1-Dichloroethene	2.0	53
75-34-3	1,1-Dichloroethane	2.0	3.2 <i>DNR</i>
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	2.0	68
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U <i>DNR</i>
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U <i>DNR</i>
127-18-4	Tetrachloroethene	2.0	34
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U <i>DNR</i>
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	101%
Bromofluorobenzene	81.2%
d4-1,2-Dichlorobenzene	86.8%

2/4-05

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 105'
11880

Lab Sample ID: HT62G

LIMS ID: 05-3680

Matrix: Water

Data Release Authorized: *AP*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/02/05 19:51

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 UMS
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	20
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	61 E DNR
75-34-3	1,1-Dichloroethane	0.2	3.5
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.5
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.5
71-55-6	1,1,1-Trichloroethane	0.2	73 E DNR
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.5
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	47 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	106%
Bromofluorobenzene	90.8%
d4-1,2-Dichlorobenzene	106%

2/4/05

000024

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03 @ 105'
DILUTION

Lab Sample ID: HT62G

LIMS ID: 05-3680

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINNI/PAB

Date Analyzed: 03/08/05 19:59

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U DNR
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	< 3.0 U
67-64-1	Acetone	10	28
75-15-0	Carbon Disulfide	2.0	< 2.0 U DNR
75-35-4	1,1-Dichloroethene	2.0	54
75-34-3	1,1-Dichloroethane	2.0	3.2 DNR
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U DNR
71-55-6	1,1,1-Trichloroethane	2.0	71
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U DNR
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U DNR
127-18-4	Tetrachloroethane	2.0	38
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U DNR
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U DNR

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	120%
d8-Toluene	104%
Bromofluorobenzene	90.5%
d4-1,2-Dichlorobenzene	97.2%

000025

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 110'
11881ANALYTICAL
RESOURCES
INCORPORATED

Lab Sample ID: HT62H

LIMS ID: 05-3681

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/02/05 20:21

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U ⁴⁵
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	20
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	64 E DNR
75-34-3	1,1-Dichloroethane	0.2	3.6
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.4
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.9
71-55-6	1,1,1-Trichloroethane	0.2	75 E DNR
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.5
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U ^R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	45 E DNR
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	106%
Bromofluorobenzene	92.0%
d4-1,2-Dichlorobenzene	106%

* 4/14/05

000026

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03 @ 110'

DILUTION

Lab Sample ID: HT62H

LIMS ID: 05-3681

Matrix: Water

Data Release Authorized: *AS*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/08/05 20:29

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U <i>DNR</i>
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	< 3.0 U
67-64-1	Acetone	10	27
75-15-0	Carbon Disulfide	2.0	< 2.0 U <i>DNR</i>
75-35-4	1,1-Dichloroethene	2.0	59
75-34-3	1,1-Dichloroethane	2.0	3.5 <i>DNR</i>
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	2.0	74
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U <i>DNR</i>
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U <i>DNR</i>
127-18-4	Tetrachloroethene	2.0	35
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U <i>DNR</i>
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	121%
d8-Toluene	100%
Bromofluorobenzene	85.2%
d4-1,2-Dichlorobenzene	89.2%

4-4-05

000027

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: MW04-03 @ 120'
11882

Lab Sample ID: HT62I

LIMS ID: 05-3682

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: PINNI/PAB

Date Analyzed: 03/02/05 21:49

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>WJ</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	15
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	63 E <i>DNR</i>
75-34-3	1,1-Dichloroethane	0.2	3.3
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	1.3
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	2.6
71-55-6	1,1,1-Trichloroethane	0.2	73 E <i>DAK</i>
56-23-5	Carbon Tetrachloride	0.2	0.4
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	0.5
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	48 E <i>DNR</i>
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.8%
d8-Toluene	104%
Bromofluorobenzene	95.2%
d4-1,2-Dichlorobenzene	107%

3/4/05

000028

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: MW04-03 @ 120°

DILUTION

Lab Sample ID: HT621

LIMS ID: 05-3682

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/09/05

QC Report No: HT62 URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/08/05 20:59

Sample Amount: 2.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	2.0	< 2.0 U <i>DNR</i>
74-83-9	Bromomethane	2.0	< 2.0 U
75-01-4	Vinyl Chloride	2.0	< 2.0 U
75-00-3	Chloroethane	2.0	< 2.0 U
75-09-2	Methylene Chloride	3.0	< 3.0 U
67-64-1	Acetone	10	24
75-15-0	Carbon Disulfide	2.0	< 2.0 U <i>DNR</i>
75-35-4	1,1-Dichloroethene	2.0	55
75-34-3	1,1-Dichloroethane	2.0	3.2 <i>DNR</i>
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0 U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0 U
67-66-3	Chloroform	2.0	< 2.0 U
107-06-2	1,2-Dichloroethane	2.0	< 2.0 U
78-93-3	2-Butanone	10	< 10 U <i>DNR</i>
71-55-6	1,1,1-Trichloroethane	2.0	73
56-23-5	Carbon Tetrachloride	2.0	< 2.0 U <i>DNR</i>
108-05-4	Vinyl Acetate	2.0	< 2.0 U
75-27-4	Bromodichloromethane	2.0	< 2.0 U
78-87-5	1,2-Dichloropropane	2.0	< 2.0 U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0 U
79-01-6	Trichloroethene	2.0	< 2.0 U
124-48-1	Dibromochloromethane	2.0	< 2.0 U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0 U
71-43-2	Benzene	2.0	< 2.0 U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0 U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0 U
75-25-2	Bromoform	2.0	< 2.0 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10	< 10 U
591-78-6	2-Hexanone	10	< 10 U <i>DNR</i>
127-18-4	Tetrachloroethene	2.0	33
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0 U <i>DNR</i>
108-88-3	Toluene	2.0	< 2.0 U
108-90-7	Chlorobenzene	2.0	< 2.0 U
100-41-4	Ethylbenzene	2.0	< 2.0 U
100-42-5	Styrene	2.0	< 2.0 U
75-69-4	Trichlorofluoromethane	2.0	< 2.0 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	< 2.0 U
1330-20-7	m,p-Xylene	4.0	< 4.0 U
95-47-6	o-Xylene	2.0	< 2.0 U <i>DNR</i>

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	129%
d8-Toluene	114%
Bromofluorobenzene	93.0%
d4-1,2-Dichlorobenzene	94.0%

000029

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B
Page 1 of 1Sample ID: FIELD QA/QC-PDB
11884

Lab Sample ID: HT62J

LIMS ID: 05-3683

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/02/05 22:19

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>MS</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	4.2
67-64-1	Acetone	1.0	4.2
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	3.0
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	0.6
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	103%
d8-Toluene	112%
Bromofluorobenzene	96.8%
d4-1,2-Dichlorobenzene	107%

4/14/05

000030

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: TRIP BLANK

Page 1 of 1

11885

Lab Sample ID: HT62K

QC Report No: HT62-URS Corp

LIMS ID: 05-3684

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized: *AB*

Date Sampled: 02/23/05

Reported: 03/09/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Sample Amount: 20.0 mL

Date Analyzed: 03/02/05 17:25

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U <i>MT</i>
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	1.5
67-64-1	Acetone	1.0	7.0
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	3.2
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	1.0
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U <i>R</i>
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	1.5
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	0.2
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	0.7
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	93.0%
d8-Toluene	108%
Bromofluorobenzene	97.8%
d4-1,2-Dichlorobenzene	108%

3/14/05

000031

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: TRIP BLANK
SAMPLE

Lab Sample ID: HT62L

LIMS ID: 05-3685

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/23/05

Date Received: 02/24/05

Instrument/Analyst: FINN1/PAB

Date Analyzed: 03/02/05 17:55

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result
74-87-3	Chloromethane	0.2	< 0.2 U UJ
74-83-9	Bromomethane	0.2	< 0.2 U
75-01-4	Vinyl Chloride	0.2	< 0.2 U
75-00-3	Chloroethane	0.2	< 0.2 U
75-09-2	Methylene Chloride	0.3	< 0.3 U
67-64-1	Acetone	1.0	< 1.0 U
75-15-0	Carbon Disulfide	0.2	< 0.2 U
75-35-4	1,1-Dichloroethene	0.2	< 0.2 U
75-34-3	1,1-Dichloroethane	0.2	< 0.2 U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2 U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2 U
67-66-3	Chloroform	0.2	< 0.2 U
107-06-2	1,2-Dichloroethane	0.2	< 0.2 U
78-93-3	2-Butanone	1.0	< 1.0 U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2 U
56-23-5	Carbon Tetrachloride	0.2	< 0.2 U
108-05-4	Vinyl Acetate	0.2	< 0.2 U
75-27-4	Bromodichloromethane	0.2	< 0.2 U
78-87-5	1,2-Dichloropropane	0.2	< 0.2 U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2 U
79-01-6	Trichloroethene	0.2	< 0.2 U
124-48-1	Dibromochloromethane	0.2	< 0.2 U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2 U
71-43-2	Benzene	0.2	< 0.2 U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2 U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5 U R
75-25-2	Bromoform	0.2	< 0.2 U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0 U
591-78-6	2-Hexanone	1.0	< 1.0 U
127-18-4	Tetrachloroethene	0.2	< 0.2 U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2 U
108-88-3	Toluene	0.2	< 0.2 U
108-90-7	Chlorobenzene	0.2	< 0.2 U
100-41-4	Ethylbenzene	0.2	< 0.2 U
100-42-5	Styrene	0.2	< 0.2 U
75-69-4	Trichlorofluoromethane	0.2	< 0.2 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2 U
1330-20-7	m,p-Xylene	0.4	< 0.4 U
95-47-6	o-Xylene	0.2	< 0.2 U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.0%
d8-Toluene	100%
Bromofluorobenzene	91.5%
d4-1,2-Dichlorobenzene	102%

2/14/05

000032

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 1

Sample ID: TI WELL

MS/MSD

Lab Sample ID: HT62A

LIMS ID: 05-3674

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/22/05

Date Received: 02/24/05

Instrument/Analyst MS: FINN1/PAB

MSD: FINN1/PAB

Date Analyzed MS: 03/02/05 16:01

MSD: 03/02/05 16:26

Sample Amount MS: 20.0 mL

MSD: 20.0 mL

Purge Volume MS: 20.0 mL

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2	2.8	4.0	70.0%	2.8	4.0	70.0%	0.0%
Bromomethane	< 0.2	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Vinyl Chloride	< 0.2	3.2	4.0	80.0%	3.2	4.0	80.0%	0.0%
Chloroethane	< 0.2	3.9	4.0	97.5%	3.9	4.0	97.5%	0.0%
Methylene Chloride	< 0.3	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Acetone	< 1.0	18.7	20.0	93.5%	20.2	20.0	101%	7.7%
Carbon Disulfide	< 0.2	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
1,1-Dichloroethene	< 0.2	4.6	4.0	115%	4.4	4.0	110%	4.4%
1,1-Dichloroethane	< 0.2	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
trans-1,2-Dichloroethene	< 0.2	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
cis-1,2-Dichloroethene	< 0.2	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Chloroform	< 0.2	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,2-Dichloroethane	< 0.2	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
2-Butanone	< 1.0	14.5	20.0	72.5%	15.2	20.0	76.0%	4.7%
1,1,1-Trichloroethane	< 0.2	3.3	4.0	82.5%	3.2	4.0	80.0%	3.1%
Carbon Tetrachloride	< 0.2	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
Vinyl Acetate	< 0.2	2.9	4.0	72.5%	2.9	4.0	72.5%	0.0%
Bromodichloromethane	< 0.2	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,2-Dichloropropane	< 0.2	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
cis-1,3-Dichloropropene	< 0.2	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
Trichloroethene	< 0.2	4.2	4.0	105%	4.0	4.0	100%	4.9%
Dibromochloromethane	< 0.2	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
1,1,2-Trichloroethane	< 0.2	4.1	4.0	102%	4.0	4.0	100%	2.5%
Benzene	< 0.2	4.2	4.0	105%	4.2	4.0	105%	0.0%
trans-1,3-Dichloropropene	< 0.2	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
2-Chloroethylvinylether	< 0.5	< 0.5	4.0	NA	< 0.5	4.0	NA	NA
Bromoform	< 0.2	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
4-Methyl-2-Pentanone (MIBK)	< 1.0	17.2	20.0	86.0%	16.3	20.0	81.5%	5.4%
2-Hexanone	< 1.0	17.5	20.0	87.5%	16.9	20.0	84.5%	3.5%
Tetrachloroethene	< 0.2	4.7	4.0	118%	4.4	4.0	110%	6.6%
1,1,2,2-Tetrachloroethane	< 0.2	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Toluene	< 0.2	4.3	4.0	108%	4.2	4.0	105%	2.4%
Chlorobenzene	< 0.2	4.3	4.0	108%	4.1	4.0	102%	4.8%
Ethylbenzene	< 0.2	4.8	4.0	120%	4.6	4.0	115%	4.3%
Styrene	< 0.2	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
Trichlorofluoromethane	< 0.2	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
1,1,2-Trichloro-1,2,2-trifl	< 0.2	5.1	4.0	128%	4.8	4.0	120%	6.1%
m,p-Xylene	< 0.4	9.5	8.0	119%	9.0	8.0	112%	5.4%
o-Xylene	< 0.2	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%

Results reported in µg/L

NA-No recovery due to high concentration of analyte in original sample, or
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Sample ID: LCS-030205

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LCS/LCSD

Lab Sample ID: LCS-030205

QC Report No: HT62-URS Corp

LIMS ID: 05-3674

Project: LMC Lindsay Monthly

Matrix: Water

807

Data Release Authorized:

Date Sampled: NA

Reported: 03/09/05

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN1/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 03/02/05 12:51

Purge Volume LCS: 20.0 mL

LCSD: 03/02/05 13:41

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2.9	4.0	72.5%	3.0	4.0	75.0%	3.4%
Bromomethane	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
Vinyl Chloride	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
Chloroethane	4.1	4.0	102%	4.1	4.0	102%	0.0%
Methylene Chloride	4.2	4.0	105%	3.9	4.0	97.5%	7.4%
Acetone	20.3	20.0	102%	19.0	20.0	95.0%	6.6%
Carbon Disulfide	3.7	4.0	92.5%	3.7	4.0	92.5%	0.0%
1,1-Dichloroethene	4.4	4.0	110%	4.1	4.0	102%	7.1%
1,1-Dichloroethane	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
cis-1,2-Dichloroethene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Chloroform	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,2-Dichloroethane	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
2-Butanone	16.9	20.0	84.5%	16.2	20.0	81.0%	4.2%
1,1,1-Trichloroethane	3.2	4.0	80.0%	3.3	4.0	82.5%	3.1%
Carbon Tetrachloride	3.8	4.0	95.0%	3.2	4.0	80.0%	17.1%
Vinyl Acetate	3.4	4.0	85.0%	3.0	4.0	75.0%	12.5%
Bromodichloromethane	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
1,2-Dichloropropane	4.4	4.0	110%	3.9	4.0	97.5%	12.0%
cis-1,3-Dichloropropene	3.8	4.0	95.0%	3.2	4.0	80.0%	17.1%
Trichloroethene	4.3	4.0	108%	4.0	4.0	100%	7.2%
Dibromochloromethane	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
1,1,2-Trichloroethane	4.6	4.0	115%	3.7	4.0	92.5%	21.7%
Benzene	4.4	4.0	110%	4.2	4.0	105%	4.7%
trans-1,3-Dichloropropene	4.0	4.0	100%	3.3	4.0	82.5%	19.2%
2-Chloroethylvinylether	3.2	4.0	80.0%	2.8	4.0	70.0%	13.3%
Bromoform	3.9	4.0	97.5%	2.9	4.0	72.5%	29.4%
4-Methyl-2-Pentanone (MIBK)	19.7	20.0	98.5%	16.5	20.0	82.5%	17.7%
2-Hexanone	19.4	20.0	97.0%	16.9	20.0	84.5%	13.8%
Tetrachloroethene	4.3	4.0	108%	4.2	4.0	105%	2.4%
1,1,2,2-Tetrachloroethane	4.3	4.0	108%	3.3	4.0	82.5%	26.3%
Toluene	4.7	4.0	118%	3.8	4.0	95.0%	21.2%
Chlorobenzene	4.3	4.0	108%	3.9	4.0	97.5%	9.8%
Ethylbenzene	4.7	4.0	118%	4.5	4.0	112%	4.3%
Styrene	3.9	4.0	97.5%	3.5	4.0	87.5%	10.8%
Trichlorofluoromethane	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
1,1,2-Trichloro-1,2,2-trifl	4.8	4.0	120%	4.8	4.0	120%	0.0%
m,p-Xylene	9.2	8.0	115%	8.7	8.0	109%	5.6%
o-Xylene	3.7	4.0	92.5%	3.3	4.0	82.5%	11.4%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-030205

LCS/LCSD

Lab Sample ID: LCS-030205

LIMS ID: 05-3674

Matrix: Water

Date Analyzed: 03/02/05 12:51

LCSD: 03/02/05 13:41

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Purge Volume: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI LQAP. The other LCS spike compound recoveries are advisory and used for analytical troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	79.9%	80.3%
d8-Toluene	104%	96.6%
Bromofluorobenzene	106%	105%
d4-1,2-Dichlorobenzene	102%	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 1 of 2

Sample ID: LCS-030805

LCS/LCSD

Lab Sample ID: LCS-030805

LIMS ID: 05-3676

Matrix: Water

Data Release Authorized:

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/PAB

LCSD: FINN1/PAB

Date Analyzed LCS: 03/08/05 15:37

LCSD: 03/08/05 16:30

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	4.2	4.0	105%	4.5	4.0	112%	6.9%
Bromomethane	4.1	4.0	102%	4.6	4.0	115%	11.5%
Vinyl Chloride	4.2	4.0	105%	4.6	4.0	115%	9.1%
Chloroethane	4.1	4.0	102%	4.4	4.0	110%	7.1%
Methylene Chloride	4.2	4.0	105%	4.6	4.0	115%	9.1%
Acetone	23.6	20.0	118%	25.9	20.0	130%	9.3%
Carbon Disulfide	2.4	4.0	60.0%	2.4	4.0	60.0%	0.0%
1,1-Dichloroethene	4.1	4.0	102%	4.6	4.0	115%	11.5%
1,1-Dichloroethane	4.1	4.0	102%	4.3	4.0	108%	4.8%
trans-1,2-Dichloroethene	3.9	4.0	97.5%	4.2	4.0	105%	7.4%
cis-1,2-Dichloroethene	4.2	4.0	105%	4.4	4.0	110%	4.7%
Chloroform	4.2	4.0	105%	4.4	4.0	110%	4.7%
1,2-Dichloroethane	4.5	4.0	112%	4.5	4.0	112%	0.0%
2-Butanone	24.5	20.0	122%	24.3	20.0	122%	0.8%
1,1,1-Trichloroethane	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Carbon Tetrachloride	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Vinyl Acetate	4.2	4.0	105%	4.5	4.0	112%	6.9%
Bromodichloromethane	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
1,2-Dichloropropane	4.3	4.0	108%	4.3	4.0	108%	0.0%
cis-1,3-Dichloropropene	4.6	4.0	115%	4.5	4.0	112%	2.2%
Trichloroethene	4.2	4.0	105%	4.2	4.0	105%	0.0%
Dibromochloromethane	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
1,1,2-Trichloroethane	5.0	4.0	125%	4.9	4.0	122%	2.0%
Benzene	4.5	4.0	112%	4.6	4.0	115%	2.2%
trans-1,3-Dichloropropene	4.5	4.0	112%	4.5	4.0	112%	0.0%
2-Chloroethylvinylether	4.4	4.0	110%	4.2	4.0	105%	4.7%
Bromoform	4.0	4.0	100%	4.2	4.0	105%	4.9%
4-Methyl-2-Pentanone (MIBK)	23.2	20.0	116%	23.1	20.0	116%	0.4%
2-Hexanone	23.7	20.0	118%	24.0	20.0	120%	1.3%
Tetrachloroethene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,1,2,2-Tetrachloroethane	4.5	4.0	112%	4.4	4.0	110%	2.2%
Toluene	4.4	4.0	110%	4.4	4.0	110%	0.0%
Chlorobenzene	4.1	4.0	102%	4.1	4.0	102%	0.0%
Ethylbenzene	4.3	4.0	108%	4.4	4.0	110%	2.3%
Styrene	3.9	4.0	97.5%	3.9	4.0	97.5%	0.0%
Trichlorofluoromethane	4.5	4.0	112%	4.3	4.0	108%	4.5%
1,1,2-Trichloro-1,2,2-trifl	3.2	4.0	80.0%	3.5	4.0	87.5%	9.0%
m,p-Xylene	8.4	8.0	105%	8.8	8.0	110%	4.7%
o-Xylene	3.5	4.0	87.5%	3.6	4.0	90.0%	2.8%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method 8260B

Page 2 of 2

Sample ID: LCS-030805

LCS/LCSD

Lab Sample ID: LCS-030805

LIMS ID: 05-3676

Matrix: Water

Date Analyzed: 03/08/05 15:37

LCSD: 03/08/05 16:30

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Purge Volume: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
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Results reported in µg/L

RPD calculated using sample concentrations per SW846.

LCS spike recovery is evaluated using only the nine regulated compounds noted in the ARI
LOAP. The other LCS spike compound recoveries are advisory and used for analytical
troubleshooting should any of the nine regulated compounds be out of control.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	106%	110%
d8-Toluene	104%	101%
Bromofluorobenzene	95.1%	89.0%
d4-1,2-Dichlorobenzene	87.1%	92.0%

SW8270 SEMIVOLATILES WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: HT62-URS Corp
Project: LMC Lindsay Monthly
807

<u>Client ID</u>	<u>DXN TOT</u>	<u>OUT</u>
MB-030105	63.2%	0
LCS-030105	71.2%	0
LCSD-030105	62.0%	0
AOI WELL	71.2%	0
TRIP BLANK	66.4%	0

(DXN) = d8-1,4-Dioxane

<u>LCS/MB LIMITS</u>	<u>QC LIMITS</u>
(30-160)	(30-160)

Prep Method: SW3520C
Log Number Range: 05-3675 to 05-3684

Sample ID: MB-030105
METHOD BLANK

Lab Sample ID: MB-030105
LIMS ID: 05-3675
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 03/09/05

QC Report No: HT62-URS Corp
Project: LMC Lindsay Monthly
807
Date Sampled: NA
Date Received: NA

Date Extracted: 03/01/05
Date Analyzed: 03/07/05 16:47
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	63.2%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: AOI WELL
SAMPLE

Lab Sample ID: HT62B
LIMS ID: 05-3675
Matrix: Water
Data Release Authorized: *MB*
Reported: 03/09/05

QC Report No: HT62-URS Corp
Project: LMC Lindsay Monthly
807
Date Sampled: 02/22/05
Date Received: 02/24/05

Date Extracted: 03/01/05
Date Analyzed: 03/07/05 18:31
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	71.2%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: TRIP BLANK
SAMPLE

Lab Sample ID: HT62K

LIMS ID: 05-3684

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/09/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Date Extracted: 03/01/05

Date Analyzed: 03/07/05 19:06

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	66.4%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1Sample ID: LCS-030105
LCS/LCSDLab Sample ID: LCS-030105
LIMS ID: 05-3675
Matrix: Water
Data Release Authorized: *AS*
Reported: 03/09/05QC Report No: HT62-URS Corp
Project: LMC Lindsay Monthly
807
Date Sampled: 02/22/05
Date Received: 02/24/05

Date Extracted LCS/LCSD: 03/01/05

Sample Amount LCS: 500 mL

LCSD: 500 mL

Date Analyzed LCS: 03/07/05 17:22

Final Extract Volume LCS: 0.50 mL

LCSD: 03/07/05 17:57

LCSD: 0.50 mL

Instrument/Analyst LCS: NT4/LJR

Dilution Factor LCS: 1.00

LCSD: NT4/LJR

LCSD: 1.00

GPC Cleanup: NO

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,4-Dioxane	19.4	25.0	77.6%	17.5	25.0	70.0%	10.3%

Semivolatile Surrogate Recovery

	LCS	LCSD
d8-1,4-Dioxane	71.2%	62.0%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: AOI WELL
11875

Lab Sample ID: HT62B

LIMS ID: 05-3675

Matrix: Water

Data Release Authorized *[Signature]*

Reported: 03/07/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/22/05

Date Received: 02/24/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	03/01/05	6010B	03/04/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	03/01/05	6010B	03/04/05	7440-47-3	Chromium	0.005	0.005	U
3010A	03/01/05	6010B	03/04/05	7439-89-6	Iron	0.05	0.16	
3020A	03/01/05	7421	03/04/05	7439-92-1	Lead	0.001	0.001	U
3010A	03/01/05	6010B	03/04/05	7440-66-6	Zinc	0.006	0.806	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: AOI WELL
11875

Lab Sample ID: HT62B

LIMS ID: 05-3675

Matrix: Water

Data Release Authorized: *gk*

Reported: 03/07/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/22/05

Date Received: 02/24/05

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Cadmium	6010B	0.002 U	0.002 U	0.0%	+/- 0.002	L
Chromium	6010B	0.005 U	0.005 U	0.0%	+/- 0.005	L
Iron	6010B	0.16	0.14	13.3%	+/- 0.05	L
Lead	7421	0.001 U	0.001 U	0.0%	+/- 0.001	L
Zinc	6010B	0.806	0.784	2.8%	+/- 20%	

Reported in mg/L

*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: AOI WELL

11875

Lab Sample ID: HT62B

LIMS ID: 05-3675

Matrix: Water

Data Release Authorized: *gl*

Reported: 03/07/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: 02/22/05

Date Received: 02/24/05

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Cadmium	6010B	0.002 U	0.467	0.500	93.4%	
Chromium	6010B	0.005 U	0.451	0.500	90.2%	
Iron	6010B	0.16	1.99	2.00	91.5%	
Lead	7421	0.001 U	0.106	0.100	106%	
Zinc	6010B	0.806	1.19	0.500	76.8%	

Reported in mg/L

N-Control Limit Not Met

H-% Recovery Not Applicable, Sample Concentration Too High

NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: TRIP BLANK
11885

Lab Sample ID: HT62K

LIMS ID: 05-3684

Matrix: Water

Data Release Authorized *AK*

Reported: 03/07/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: 02/23/05

Date Received: 02/24/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	03/01/05	6010B	03/04/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	03/01/05	6010B	03/04/05	7440-47-3	Chromium	0.005	0.005	U
3010A	03/01/05	6010B	03/04/05	7439-89-6	Iron	0.05	0.05	U
3020A	03/01/05	7421	03/04/05	7439-92-1	Lead	0.001	0.001	U
3010A	03/01/05	6010B	03/04/05	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: HT62MB

LIMS ID: 05-3684

Matrix: Water

Data Release Authorized *OK*

Reported: 03/07/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly

807

Date Sampled: NA

Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
3010A	03/01/05	6010B	03/04/05	7440-43-9	Cadmium	0.002	0.002	U
3010A	03/01/05	6010B	03/04/05	7440-47-3	Chromium	0.005	0.005	U
3010A	03/01/05	6010B	03/04/05	7439-89-6	Iron	0.05	0.05	U
3020A	03/01/05	7421	03/04/05	7439-92-1	Lead	0.001	0.001	U
3010A	03/01/05	6010B	03/04/05	7440-66-6	Zinc	0.006	0.006	U

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: HT62LCS

LIMS ID: 05-3684

Matrix: Water

Data Release Authorized: *gk*

Reported: 03/07/05

QC Report No: HT62-URS Corp

Project: LMC Lindsay Monthly
807

Date Sampled: NA

Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery
Cadmium	6010B	0.492	0.500	98.4%
Chromium	6010B	0.477	0.500	95.4%
Iron	6010B	1.98	2.00	99.0%
Lead	7421	0.095	0.100	95.0%
Zinc	6010B	0.467	0.500	93.4%

Reported in mg/L

N-Control limit not met

Control Limits: 80-120%

SAMPLE RESULTS-CONVENTIONALS
HT62-URS Corp



Matrix: Water
Data Release Authorized: *DR*
Reported: 03/02/05

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 02/22/05
Date Received: 02/24/05

Client ID: AOI WELL
ARI ID: 05-3675 HT62B

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/24/05 022405#1	EPA 150.1	std units	0.01	6.41 <i>J</i>
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	4.0	61.4

RL Analytical reporting limit
U Undetected at reported detection limit

2/24/05

SAMPLE RESULTS-CONVENTIONALS
HT62-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *aw*
Reported: 03/02/05

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 02/23/05
Date Received: 02/24/05

Client ID: TRIP BLANK
ARI ID: 05-3684 HT62K

Analyte	Date Batch	Method	Units	RL	Sample
pH	02/24/05 022405#1	EPA 150.1	std units	0.01	5.48
Sulfate	03/01/05 030105#1	EPA 375.2	mg/L	2.0	< 2.0 U

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
HT62-URS Corp



Matrix: Water
Data Release Authorized:
Reported: 03/02/05

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Sulfate	03/01/05	mg/L	< 2.0 U

LAB CONTROL RESULTS-CONVENTIONALS
HT62-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *atp*
Reported: 03/02/05

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
pH	02/24/05	std units	6.98	7.00	99.7%

STANDARD REFERENCE RESULTS-CONVENTIONALS
HT62-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED 

Matrix: Water
Data Release Authorized: *gtr*
Reported: 03/02/05

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Sulfate ERA #08113	03/01/05	mg/L	26.5	25.0	106.0%

REPLICATE RESULTS-CONVENTIONALS
HT62-URS Corp

ANALYTICAL
RESOURCES
INCORPORATED

Matrix: Water
Data Release Authorized: *af*
Reported: 03/02/05

Project: LMC Lindsay Monthly
Event: 807
Date Sampled: 02/23/05
Date Received: 02/24/05

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HT62K Client ID: TRIP BLANK					
pH	02/24/05	std units	5.48	5.49	0.2%



Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 March 2005

Karen Mixon
URS Corporation
Century Square
1501 Fourth Avenue Suite 1400
Seattle, WA 98121

RE: Client Project: Lindsay Groundwater, 807
ARI Job No: HT97

Dear Karen:

Please find enclosed the original chain of custody documentation and the final data package for the sample from the project referenced above. Analytical Resources, Inc. (ARI) received one water sample in good condition on March 1, 2005. The sample was received intact and in good condition. The samples were received at a cooler temperature of 5.4° Celsius.

The sample was analyzed for 1,4-dioxane as requested.

Problems associated with this analysis are discussed in the case narrative.

A copy of this package will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Mark D. Harris
Project Manager
206/695-6210
mark@arilabs.com

Enclosures

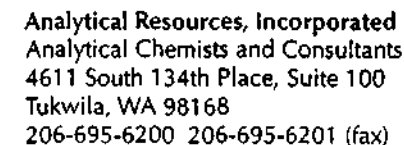
cc: file HT97

MDH/mdh

ARI Assigned Number: 1152	Turn-around Requested:
------------------------------	------------------------

Date: -28-05	Ice Present? YES
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No. of coolers	1	Cooler temperature	5.4
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Client Contact: B D 1A00BS02

Client Project Name: **WATER**

Client Project #:	Samplers:
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881	EAF 10000		
			SAMPLE

Sample ID	Date	Time	Method	No. Containers
			NO.	

17W04-03 BAILER	2-23-05	1040MR	11.883	2
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[illegible]

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Comments/Special Instructions	Relinquished by: <u>P. J. Pitt</u>	Received by: <u>P. J. Pitt</u>
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(Signature) <i>[Signature]</i>	(Signature) <i>[Signature]</i>
Printed Name: <i>[Name]</i>	Printed Name: <i>[Name]</i>

Company:	Bob NOTRE DAME	Company:	FOREIGN
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Linc Lindsay		APR
Date & Time:		Date & Time:

2-28-05 1315 hrs. 3/1/08

Analysis Requested		Notes/Comments
3	3	

DATE	INTERVIEW	BY	DATE	INTERVIEW	BY

re's
LEAF
TAL
R CO
T DIO

[illegible]

		X				
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[illegible][illegible][illegible]

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[illegible][illegible][illegible][illegible][illegible]

	(Signature)	(Signature)
	Printed Name:	Printed Name:

KEGEL		
Company:		Company:

	Date & Time:	Date & Time:
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0950		
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Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

20000000



Analytical Resources, Incorporated
Analytical Chemists and Consultants

Case Narrative

**URS Corporation
LMC Lindsay Monthly
Water
ARI Job No: HT97**

15 March 2005

1,4-Dioxane by Method 8270C

This analysis proceeded without incident of note.

The default QC limits used for the LCS/LCSD associated with this analysis are 30-160%

000004

SW8270 SEMIVOLATILES WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: HT97-URS Corp
Project: GROUND WATER
807

<u>Client ID</u>	<u>DXN TOT OUT</u>
MB-030205	63.6% 0
LCS-030205	66.0% 0
LCSD-030205	67.2% 0
MW04-03 BAILER	69.6% 0

(DXN) = d8-1,4-Dioxane

<u>LCS/MB LIMITS</u>	<u>QC LIMITS</u>
(30-160)	(30-160)

Prep Method: SW3520C
Log Number Range: 05-3844 to 05-3844

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: MB-030205
METHOD BLANK

Lab Sample ID: MB-030205
LIMS ID: 05-3844
Matrix: Water
Data Release Authorized: 
Reported: 03/09/05

QC Report No: HT97-URS Corp
Project: GROUND WATER
807
Date Sampled: NA
Date Received: NA

Date Extracted: 03/02/05
Date Analyzed: 03/07/05 14:27
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	63.6%
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ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

ANALYTICAL
RESOURCES
INCORPORATED

Sample ID: MW04-03 BAILER
SAMPLE

Lab Sample ID: HT97A

LIMS ID: 05-3844

Matrix: Water

Data Release Authorized: *AS*

Reported: 03/09/05

QC Report No: HT97-URS Corp

Project: GROUND WATER

807

Date Sampled: 02/23/05

Date Received: 03/01/05

Date Extracted: 03/02/05

Date Analyzed: 03/07/05 16:12

Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
123-91-1	1,4-Dioxane	5.0	< 5.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d8-1,4-Dioxane	69.6%
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000009

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270C GC/MS
Page 1 of 1

Sample ID: LCS-030205
LCS/LCSD

Lab Sample ID: LCS-030205

QC Report No: HT97-URS Corp

LIMS ID: 05-3844

Project: GROUND WATER

Matrix: Water

807

Data Release Authorized:

Date Sampled: 02/23/05

Reported: 03/09/05

Date Received: 03/01/05

Date Extracted LCS/LCSD: 03/02/05

Sample Amount LCS: 500 mL

LCSD: 500 mL

Date Analyzed LCS: 03/07/05 15:02

Final Extract Volume LCS: 0.50 mL

LCSD: 03/07/05 15:37

LCSD: 0.50 mL

Instrument/Analyst LCS: NT4/LJR

Dilution Factor LCS: 1.00

LCSD: NT4/LJR

LCSD: 1.00

GPC Cleanup: NO

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,4-Dioxane	17.9	25.0	71.6%	18.7	25.0	74.8%	4.4%

Semivolatile Surrogate Recovery

	LCS	LCSD
d8-1,4-Dioxane	66.0%	67.2%

Results reported in µg/L

RPD calculated using sample concentrations per SW846.