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The Trusted Integrator for Sustainable Solutions

27 April 2014

Mr. Jeff Guy
Project Manager
Illinois Environmental Protection Agency
1021 N. Grand Avenue East
Springfield, IL 62794-9276

Re: Final Data Evaluation Report
0998290003/LaSalle
Hoxsey/Wedron
Superfund/Tech
HWA-8317, Work Orders 011 and 013

Dear Mr. Guy:

Please find enclosed two copies of the final Data Evaluation Report for the above-referenced project. Illinois Environmental Protection Agency comments received electronically on 21 April 2014have been addressed and incorporated into this version.

If you have any questions or require additional information, please call me at (224) 864-7201.

Very truly yours,

WESTON SOLUTIONS, INC.

Andris J. Slesers
Project Manager

Enclosures

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# DATA EVALUATION REPORT
# WEDRON, LASALLE COUNTY, ILLINOIS

**CONTRACT No. HWA-8317**
**WORK ORDER No. 013**

Prepared for

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**
1021 N. Grand Avenue East
Springfield, IL 62794-9276

Prepared by

**WESTON SOLUTIONS, INC.**
300 Circle Plaza; Suite 202
Mundelein, Illinois 60060

April 2015

# DATA EVALUATION REPORT
# WEDRON, LASALLE COUNTY, ILLINOIS

Prepared for
**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**
1021 N. Grand Avenue East
Springfield, IL 62794-9276

April 2015


Andris J. Slesers
Project Manager

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Project Director


Prepared by


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WESTON Work Order No. 01104.020.006

# TABLE OF CONTENTS

**Section** **Page**

# LIST OF TABLES

# LIST OF FIGURES

# APPENDICES

| Appendix | Title |
|---|---|
| A | Drinking Water Well Analytical Data and Map from 1980s |
| B | Potentiometric Surface Maps from Wedron Silica Report |
| C | Figures from BP Report |
| D | Hydraulic Conductivity Testing Output |
| E | Draft Figure – November 2014 Groundwater Sampling – Wedron Silica |

# SECTION 1
# INTRODUCTION

Weston Solutions, Inc. (WESTON®) has prepared this Data Evaluation Report at the request of the Illinois Environmental Protection Agency (IEPA), under contract HWA-8317, Work Order Number 13. This report presents data collected by various agencies and companies and identifies likely source areas of petroleum contamination evident in the groundwater in Wedron, LaSalle County, Illinois. Figure 1 presents a Site Location Map of the study area.

## 1.1 REPORT OBJECTIVES

The objective of this report is to evaluate the available soil and groundwater data and determine likely sources for the groundwater contamination evident in the aquifer system beneath the study area. To meet this objective, data from various reports have been compiled and evaluated, including data collected by the IEPA, the United States Environmental Protection Agency (U.S. EPA), and various private companies which own and/or occupy property within the study area.

## 1.2 SOURCE DOCUMENTS

Data have been compiled from a number of sources. This includes soil and groundwater data, as well as historical information and documents, collected by the IEPA and the U.S. EPA. Other information has been taken from reports prepared for various land-owners or former land-owners where soil and/or groundwater investigations have been completed. The following lists the documents used:

- IEPA memorandum, dated August 27, 1984, from Bob Kuykendall to Tim Greetis, regarding Wedron Contamination.
- IEPA memorandum, dated October 31, 1984, from Sherry Otto to Tim Greetis, regarding the Preliminary Hydrogeologic Investigation of Wedron/Hoxsey.
- Letter to Arturo Cisneros, (U.S. EPA), re: Response To USEPA Request For Information dated July 26, 2012 concerning the Wedron Groundwater Contamination Site, Village of Wedron, LaSalle County, Illinois (“Site”), prepared by Jeep & Blazer, L.L.C., dated 17 August 2012.

- IEPA memorandum, dated August 12, 2013, from James M. Salch to Bureau of Land File.

- Site Investigation Report, Hoxsey Property, Wedron, LaSalle County Illinois, prepared for IEPA, prepared by WESTON, dated December 2013.

- Final Letter Report, Wedron Groundwater Site, Wedron, LaSalle County, Illinois, Contract No.: EP-S5-06-04, prepared by WESTON, prepared for U.S. EPA, dated 21 September 2012.

- Site Investigation Report, Hoxsey Site, prepared for Wedron Lots 1-2, Block 9, LLC., prepared by Civil & Environmental Consultants, Inc., dated December 13, 2012 (CEC Report).

- Final Report - Site Investigation, Illinois Railway Property, Wedron, IL 60557, prepared for Illinois Railway, L.L.C., prepared by CDM Smith, dated May 2014 (IR Report).

- Final Report, Administrative Order on Consent, Wedron Silica Company, Technisand, Inc., and Lockheed Martin Corporation, Wedron, Illinois, EPA Docket No. RCRA-05-2013-0011, prepared for Wedron Silica Company and Technisand, Inc. and Lockheed Martin, Corporation, prepared by GZA GeoEnvironmental, Inc., dated August 4, 2014 (Wedron Silica Report).

- Site Investigation Technical Memorandum, Former Standard Oil Bulk Plant #5482, Wedron, LaSalle County, Illinois 60557, prepared by BP, letter dated May 9, 2014 and addressed to Mr. Steve Faryan (U.S. EPA), (BP Report).

## 1.3 REPORT ORGANIZATION

Section 2 of this report presents background information about the various properties investigated in Wedron and identifies the various investigations conducted at these properties. Section 3 evaluates the data and information obtained for each of the investigated areas. Section 4 consists of conclusions and identifies the likely source areas of groundwater contamination. Figures 1 through 12 include maps and depictions of the study area, sampling locations, geologic information, and elevated analytical results in both soil and groundwater. Tables 1 through 14 present soil and groundwater analytical data. Table 15 presents the results from hydraulic conductivity testing conducted at the Hoxsey property. The data presented in this report is a compilation of data gathered by WESTON, as well as the data presented in the documents listed above in Subsection 1.2.

# SECTION 2
# BACKGROUND INFORMATION

The first complaint to the Illinois Department of Public Health of impacted drinking water in the Wedron area occurred on 16 April 1982. A number of residential wells were sampled in the area and pressure tests of the Hoxsey underground storage tanks (USTs) were conducted thereafter. Appendix A contains a sketch map identifying the various wells sampled and the associated analytical results from sampling conducted in the early 1980s. The greatest concentrations of contaminants were detected in the residential well located on the Hoxsey property, the residential well located northeast of the Hoxsey property (identified as “6204” on the sketch map), and in the Martin-Marietta Scale House well. The State Fire Marshal ordered pressure tests be conducted on the USTs on the Hoxsey and W.D. Grain properties.

Pressure testing was conducted by Valley Petroleum and Equipment Maintenance Company on 21 April 1983. The tests showed that the USTs on the Hoxsey and W.D. Grain properties passed; however, based on a December 10, 2013 interview with Dan McFadden, the individual who performed the pressure testing, the testing standard at the time of the test was not reliable. Mr. McFadden indicated that holes could still exist in a UST although there was no pressure loss recorded during the test. The testing approach was updated soon after testing these USTs. Mr McFadden said he was present when the Hoxsey USTs were removed in approximately 1986 and observed petroleum flowing from holes in the tanks, petroleum in the tank pit, and soil contamination.

Two replacement wells were installed into the deeper New Richmond aquifer (site geology is detailed in Section 3.1) in 1983 and the affected homes were connected to them. The New Richmond aquifer has never shown signs of contamination based on analytical data collected to date. Although the source of contamination was not identified, everyone involved in this project into the late 1980s apparently believed the problem had been resolved. However, in 2009, benzene was detected in two private wells in Wedron at concentrations above the Maximum Contaminant Level (MCL) of 5 ppb.

Following a second round of water samples collected by the IEPA, the groundwater contamination issue was referred to the U.S. EPA's Removal Program in 2011. Since that time, U.S. EPA has collected groundwater samples from approximately 40 additional homes in Wedron. Initially, eight homes were supplied drinking water by the U.S. EPA. Thereafter, the U.S. EPA installed in-house treatment units in these eight homes. In October and November 2013, U.S. EPA's contractor installed drinking water wells at the eight locations in Wedron which had wells containing benzene above or near its MCL. At one of the locations, both a home and a trailer were connected to the new drinking water well. The wells were drilled into the lower New Richmond aquifer because it is not contaminated with the BTEX compounds detected in the upper aquifer (St. Peter).

Currently, four Wedron residences still have in-house, carbon filtration units (installed by U.S. EPA in May 2014) to treat groundwater pumped from the St. Peter Sandstone. These residences obtain groundwater from one well, which has been tested by the U.S. EPA and IEPA. Based on groundwater sampling of this well performed in April 2014 by the U.S. EPA, benzene was detected at concentrations very near, but below its MCL. However, BTEX compounds were not detected in groundwater based on sampling performed by the IEPA at this location in October 2014. At this time, the in-house carbon filtration units will remain in place at these residences. The IEPA has planned additional groundwater sampling of private water wells in the study area for Spring 2015.

## 2.1 HOXSEY PROPERTY

According to information received from Jeep & Blazer, LLC in an August 17, 2012 response to a U.S. EPA Request for Information, the Hoxsey property operated as a general store from the late 1920s to 1977 when a fire destroyed all of the buildings located on the property. The business began selling gasoline sometime between 1928 and 1949. The subject property is reported to have been vacant since the 1977 fire; however, several structures remain on the property, including two sheds and a mobile home. Two private water supply wells have been located on the property. The first well is believed to have been approximately 80 feet deep and was contaminated with

petroleum related compounds in the mid-1980s. According to the owner's consultant (CEC), the original water supply well has been properly abandoned. A deeper, uncontaminated well has been installed on the property since that time.

Prior to 1977, retail operations included the sale of gasoline. Three underground storage tanks (USTs) are reported to have been present on the Hoxsey property. The tanks consisted of one 500-gallon and one 1,000-gallon gasoline tank, and a third kerosene tank of undisclosed volume. Information regarding the installation and removal dates of the three USTs is unclear; however, based on IEPA records the kerosene tank was removed in spring of 1984. The other two USTs are reported to have been removed prior to 1986. According to the information received from Jeep & Blazer, LLC, Mr. Hoxsey, the original owner, indicated to the Illinois Office of the State Fire Marshall (OSFM) that the USTs were installed in 1975 and removed in 1978. However, the USTs were pressure tested in 1983, making the circa 1986 removal date more likely. It is plausible that the original USTs, put into service prior to 1949, were removed and new tanks were installed in 1975, prior to the destruction of the store by fire in 1977. The original tanks would have been in place for over 25 years. The USTs are believed to have been located in the northern third of the eastern side of the property adjacent to E 2153rd Road. Figure 2 identifies the approximate locations of two of the USTs (presumed to be the gasoline tanks).

Investigative activities performed by the IEPA and the U.S. EPA in July 2012 revealed petroleum contamination in subsurface soils in a boring located adjacent to the former UST location on the Hoxsey property (boring GP-17). A subsequent geophysical investigation performed by the U.S. EPA on the Hoxsey property identified at least two anomalies suspected to be USTs. Based on this information, a release incident was reported to the Illinois Emergency Management Agency (lEMA) and Incident No. H2012-0831 was issued for the Hoxsey property.

At the request of the U.S. EPA, Civil and Environmental Consultants, Inc. (CEC; the owner's consultant), performed a test-pitting investigation in November 2012 to determine if USTs were still present on the Hoxsey property. No USTs were unearthed in the areas of the anomalies identified by the U.S. EPA geophysical investigation;

however, metal fill and/or vent piping associated with the former USTs was discovered during the investigation in the vicinity of the contaminated soil boring location. Complete details of this investigation are provided in the CEC Report. Figure 2 shows the locations of the test pits excavated by CEC.

Subsequent sampling by IEPA included advancement of soil borings GP-101 through GP-111 on or surrounding the Hoxsey property in May 2013. The analytical results indicated petroleum contamination in soil and shallow groundwater. Contamination was concentrated on the east side of the property.

A total of four monitoring wells, IMW-101 through IMW-104, were installed on and adjacent to the Hoxsey property in September 2013 at the locations shown on Figure 4. Groundwater samples were collected from these monitoring wells in September 2013 and October 2014. Groundwater analytical data indicated petroleum contamination to be present in each of the four monitoring wells.

Hydraulic conductivity testing of monitoring wells IMW-103 and IMW-104 was completed in October 2014. The testing procedures and results are presented in Section 3.

## 2.2 ILLINOIS RAILWAY

The Illinois Railway (IR) property was formerly owned by the Burlington Northern Santa Fe Railway Company. The IR property was previously developed with multiple grain silos, including a portion owned by the W.D. Grain Company, as well as fueling operations including USTs.

A shallow subsurface investigation was conducted in April 2012 along the IR property in advance of a new railroad siding construction project. Twenty direct-push soil borings (GP-1 through GP-20) were completed to 6 feet below ground surface (bgs) along an 850-foot portion in the area for the proposed railroad sidings to identify potential residual contaminants from historic operations. Soil was analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons as gasoline range organics (TPH-GRO). Soil staining and/or petroleum odors were not observed.

Samples were submitted from GP-1 through GP-6 and GP-8 through GP-20. TPH-GRO was detected in GP-1, GP-3, and GP-5 (See Figure 3). Benzene was detected in GP-3 above the Tiered Approach to Corrective Action Objectives (TACO) Tier 1 soil component of the groundwater ingestion exposure route for Class I and Class II groundwater soil remediation objective (migration to groundwater SRO).

An orphaned 750-gallon UST (UST #1 on Figure 2) was identified on July 18, 2012 during construction of a new siding track. This UST was removed on July 26, 2012. The OSFM determined that there was a release and issued leaking UST (LUST) No. 20120767 for the site. Approximately 80 tons of impacted soil were removed. Confirmatory samples did not indicate any additional exceedances of the TACO SROs. The IEPA issued a No Further Remediation (NFR) letter for the incident on August 30, 2012.

A 2012 voluntary site assessment included the advancement of six soil borings (UST-1 through UST-6), in the area of removed UST #1. These borings are identified on Figure 2 of the BP Report, which are included herein as Appendix C. As part of this site assessment, five borings were completed in the area of a June 2012 diesel spill along the IR property. No exceedances of TACO industrial/commercial SROs were detected.

As part of the voluntary site assessment, eleven borings (WS-1 through WS-11) were advanced to 20 feet bgs in the area of GP-3. Samples collected from WS-1 through WS-11 were analyzed for BTEX and PNAs. Four samples with elevated photoionization detector (PID) readings were analyzed for TPH. A limited groundwater investigation was conducted and one monitoring well was installed to an approximate depth of 18.5 feet, and a groundwater sample was collected and analyzed for BTEX and PNAs. There were no exceedances of TACO's Class I or Class II groundwater remediation objectives (GROs).

A second orphaned 500-gallon UST (UST #2 on Figure 2) was removed by B&B Construction & Excavation Company near the intersection of North 3462nd Road (Co Highway 21) and East 2153rd Road (Co Highway 11) on April 29, 2013. The OSFM determined that there was a release and the site was issued LUST No. 20130463. Approximately 30 cubic yards of impacted soil were removed. Confirmatory samples

indicated the west wall exceeded the SROs for benzene, ethylbenzene, xylenes, and naphthalene. Photos taken immediately after the fire that destroyed the Hoxsey grocery and gas station building in 1977 showed a CITGO petroleum products sign and a fuel pump at the former W.D. Grain Company across 2153 Road from the Hoxsey property, in the vicinity of UST #2 (2012, Jeep & Blazer).

A third orphaned UST (UST #3 on Figure 2) was identified on IR property in November 2013 upon completion of a geophysical survey and test pits. This UST was removed on December 12, 2013. The analytical results confirmed the OSFM finding of no release. Piping was determined to run from UST #2 and UST #3 to a central fill location between the two tanks. Confirmatory samples indicated elevated BTEX levels associated with the piping from the UST #2.

As part of the Administrative Order on Consent with the U.S. EPA, IR conducted an investigation of their property in 2013 and 2014 to determine if soil and groundwater are impacted. The investigation included advancement of 11 soil borings (WS-1 through WS-11), and the installation of four monitoring wells (MW-12 through MW-15) on IR property. Soil and/or groundwater samples were collected from each of these locations. BTEX constituents exceeded the TACO migration to groundwater SROs in several soil samples in the vicinity of the former USTs and south of the former USTs at depths up to 18 feet below grade. Benzene, ethylbenzene, and naphthalene exceeded the Class I GROs in a sample collected from one monitoring well. The U.S. EPA and IEPA disagreed with some aspects of the IR Report, such as an insufficient depth of monitoring wells and elevated detection limits for some constituents, including benzene. The U.S. EPA has requested IR perform additional work in this area.

## 2.3 WEDRON SILICA

Wedron Silica, as referred to in this report, consists of a number of properties in the Wedron area. These include property to the east of the Illinois Railway property and west of the Fox River; the area southwest of 2153rd Road; and the area to the west of the town of Wedron, which includes Pit 3. The Wedron Silica Company, Technisand, Incorporated, and Lockheed Martin Corporation each own, operate, or have a stake in these properties, which currently mine and process sand.

Pit 3, located west of the town of Wedron and identified on Figure 3, was mined in the 1960's. An aerial photograph presented in Appendix F of the Wedron Silica Report shows the pit full of water, indicating mining had ceased. However, extensive pumping from this pit has continued since the late 1960s. Figures 7 and 8 of the Wedron Silica Report, included herein as Appendix B, present the potentiometric surface of the St. Peter Sandstone across the study area. These figures show that groundwater flow is heavily controlled by pumping in Pit 3. A groundwater divide is depicted to the east of County Highway 11 and shows that groundwater east of the divide flows to the Fox River, and groundwater west of the divide flows toward Pit 3.

At the request of the U.S. EPA, Wedron Silica installed nine monitoring wells (MW1 through MW9) in May 2013 throughout the community of Wedron. These monitoring wells were sampled on several occasions and were used to evaluate groundwater flow conditions across the study area.

As part of the Administrative Order on Consent with the U.S. EPA, Wedron Silica prepared and executed a work plan to further evaluate soil and groundwater conditions on Wedron Silica property. The Wedron Silica Report details the investigations conducted in five general areas. The following lists the areas and the soil borings advanced in each area. Soil boring locations and these general areas are identified on Figure 3.

1. The area of the Tech Center wastewater treatment system – borings WS-SB-GP-01 and WS-SB-GP-02, drilled on December 3, 2013.

2. The former 4,000-gallon gasoline USTs and dispensers closed in 1998, near the main office – borings WS-SB-GP-03 through WS-SB-GP-06, drilled on December 3, 2013, and WS-SB-GP-14A and WS-SB-GP-15 through WS-SB-GP-18, drilled on May 8 and 9, 2014.

3. A former 6,000-gallon gasoline UST near the current Screen House that was closed in 1982 – borings WS-SB-GP-07 through WS-SB-GP-11, drilled on December 3, 2013.

4. The area around boring WGS-GP-10, drilled in July 2012, and IEPA monitoring well G103, installed in 1984, near the former Scale House well – borings WS-SB-GP-12 through WS-SB-GP-14, drilled on December 4, 2013.

5. The Pit 2 reclamation area – borings WS-SB-GP-19 through WS-SBGP-21, drilled on May 14, 2014.

Groundwater was evaluated through the installation and sampling of permanent and temporary monitoring wells. One piezometer, MW10, was installed in the Pit 2 reclamation area, and three piezometers, MW11 through MW13, were installed in the Wedron Silica mining operation property. Temporary monitoring wells were installed and sampled at location WGS-TMW9 (see Figure 4), and in soil borings WS-SB-GP-19 through WS-SB-GP-21, in the Pit 2 reclamation area.

## 2.4 BP

The BP site is located on a railroad ROW on the east side of Wedron, Illinois along Route 11. BP's corporate predecessor, Standard Oil Company leased the property from the railroad from approximately 1921 to December 1971. The site was used for petroleum bulk plant operations. Site plans attached to leases dating from 1926 to 1942 indicate the presence of a warehouse and two above ground petroleum storage tanks. Additionally, Standard Oil Company leased a limited area between the site and railroad to accommodate above ground, two-inch diameter unloading pipes and an unloading rig. Historical correspondence indicates that by December 1971, the warehouse (garage), oil storage tanks, and unloading pipes were removed from the site.

Previous investigations adjacent to or near the site included the removal of a 750 gallon UST in July 2012 by Illinois Railway (referred to as UST #1 in Section 2.2). The UST was uncovered on July 18, 2012 during construction of a new siding track (near the eastern edge of the Site). During the removal of the UST, approximately 80 tons of impacted soils were removed and transported from the Site for disposal. A total of twelve soil samples were collected from the floor and sidewalls of the excavated areas. The samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX) and total lead. During the UST removal, a representative of Illinois Railway contacted the Illinois Emergency Management Agency (IEMA) to report a release and incident number 20120767 was subsequently assigned to the Site. A 45-Day Report/Corrective Action Completion Report which provided a summary of the removal activities and data collection was submitted to the IEPA on August 7, 2012. The

report requested a No Further Remediation (NFR) letter for the incident. The IEPA approved the request and issued Illinois Railway a NFR letter for the release on August 20, 2012.

On August 23, 2012, six soil borings were advanced in the area of the former UST as part of a voluntary site assessment by Illinois Railway. Samples were collected and submitted for analysis of BTEX and total lead. No reported concentrations were greater than the TACO Tier 1 industrial/commercial soil remediation objectives. The data was summarized in a report prepared on behalf of Illinois Railway, titled Voluntary Environmental Site Assessment, Illinois Railway Easements, dated October 2012.

On May 16, 2013, one groundwater monitoring well (MW5) was installed by Wedron Silica near the former bulk plant. One soil sample was collected during installation of the monitoring well and analyzed for volatile organic compounds (VOCs).

As part of the Administrative Order on Consent with the U.S. EPA, BP prepared and executed a work plan. The field investigation activities conducted as part of this work plan included a geophysical survey, land survey, and the advancement of nine soil borings (SB-1 though SB-9). Soil boring were drilled and sampled in January and February 2014. Monitoring wells were not installed and groundwater samples were not collected as part of this investigation.

# SECTION 3
# DATA REVIEW AND EVALUATION

This section presents the soil and groundwater data collected to date across the various study area properties. Figure 3 shows the soil sampling locations and Figure 4 shows the groundwater sampling locations. Tables 1 through 14 present the analytical data collected throughout the study area. Each table of soil results, Tables 1 through 10, presents data collected by a regulatory agency or a private company. Groundwater results on Tables 11 through 14 separate the residential well results and the monitoring wells results. The soil and groundwater tables include IEPA regulatory limits for comparison. Soil data are compared to the migration to groundwater SROs for Class 1 groundwater. Although not presented on the tables, soil data exceeding the residential ingestion and/or inhalation exposure route remediation objectives are called out through different shading on the tables. Groundwater data are compared to the Class 1 GROs.

## 3.1 GEOLOGY AND HYDROGEOLOGY

The geology of the Wedron area consists of unconsolidated soil deposits, which range in thickness from several feet to over 20 feet, and overly bedrock. The unconsolidated soil in the area consists of alternating layers of silty/sandy clays and sands of varying thicknesses. The uppermost bedrock underlying Wedron is the St. Peter Sandstone. The St. Peter consists of loosely cemented, fine-to medium-grained sandstone with a thickness ranging from approximately 40 to 140 feet in the Wedron area. The St. Peter overlies the Shakopee Dolomite, which consists of fine-grained dolomite with interbedded medium-grained sandstones, shales, and siltstones (Willman et al., 1975[1]). The Shakopee Dolomite ranges from approximately 50 to 150 feet thick in this area. The Shakopee overlies the New Richmond Sandstone, which is located at a depth of approximately 360 feet above mean sea level in Wedron.

[1] Willman, H. B., Atherton, E., Buschbach, T. C., Collinson, C., Frye, J. C., Hopkins, M. E., Lineback, J. A., and Simon, J. A., 1975, Handbook of Illinois stratigraphy: Illinois State Geological Survey, Bulletin 95, 261 p.

The St. Peter Sandstone has been the primary residential drinking water aquifer for Wedron. This aquifer is unconfined to semi-confined in the study area and is capable of producing significant quantities of water. Based on analytical data collected to date, it is believed that the St. Peter is hydraulically separated from underlying water-bearing zones by the Shakopee Dolomite. The Shakopee is believed to be a confining layer which would also prevent contamination in the St. Peter Sandstone from migrating vertically downward to the New Richmond. The New Richmond Sandstone is also a significant water-producing aquifer. The U.S. EPA installed eight drinking water wells in late 2013 into the New Richmond to replace residential wells located in contaminated zones of the St. Peter Sandstone.

Figures 5 and 6 are fence diagrams showing the geology of the Wedron area. These figures show that the St. Peter sandstone is prevalent throughout the Wedron area. Where encountered, the Shakopee Dolomite is shown on the fence diagrams beneath the St. Peter as a relatively thick sequence of interbedded dolomites and shales. The New Richmond Sandstone is shown beneath the Shakopee, but only in the few locations where wells have been drilled to this deeper aquifer. Note that not all of the residential wells recently installed into the New Richmond are represented on the fence diagrams.

Figure 7 presents the plan view of the fence diagram sections and also identifies the locations of cross-sections A-A' and B-B'. Figures 8 and 9 present cross sections through the Wedron Area and provide better detail of the overburden encountered in the area.

### 3.1.1 Hydraulic Conductivity Testing

Hydraulic conductivity testing (slug testing) was conducted in two of the Hoxsey property monitoring wells. Falling head tests were conducted in wells IMW-103 and IMW-104 by inserting a solid PVC pipe (slug) to induce an instantaneous rise in water level. Water levels were measured and recorded with a pressure transducer as the water column returned to its static, pre-testing level. Rising head tests were conducted immediately thereafter in each of the wells by removing the PVC slug from the well and recording the water levels. A second falling-head test was conducted in IMW-103 and IMW-104 by instantaneously releasing approximately 1.5 gallons of distilled water to the well and monitoring the drop in water level with the pressure transducer.

Aqtesolv® version 4.50 software was used to evaluate the slug test data. The Bouwer-Rice method of analysis was used to evaluate the data and estimate hydraulic conductivity. Table 15 presents the estimated hydraulic conductivities and Appendix D includes the output from Aqtesolv.

The average hydraulic conductivity from all of the tests is $3.7 \times 10^{-4}$ cm/sec. This value is less than anticipated for the St. Peter Sandstone. However, slug tests are only capable of testing the subsurface in the direct vicinity of a monitoring well and local heterogeneities can influence the outcome of a slug test. In practice, slug tests can underestimate the true hydraulic conductivity of an aquifer by a factor of 10; therefore, this average hydraulic conductivity is considered an estimate.

## 3.2 HOXSEY PROPERTY

The Hoxsey property history includes its use as a gasoline filling station from at least the late 1940s through the mid-1970s. The property housed three USTs, two of which were used for gasoline and one used for kerosene. Tanks were originally installed between 1928 and 1949, and more tanks were reportedly installed in 1975. The disposition of the original tanks is unknown. The newer tanks were removed in the mid-1980s. The IEPA conducted a soil boring investigation at the property in May 2013, and installed monitoring wells at the property in September 2013. The following presents information obtained from a phone interview as well as the data collected by the IEPA.

### 3.2.1 Interview Summary

Mr. John Richardson of the IEPA and Andris Slesers of WESTON interviewed Mr. Dan McFadden on December 10, 2013 regarding the USTs at the Hoxsey property in Wedron. Mr. McFadden was employed by Valley Petroleum Equipment Maintenance Company when he performed a pressure test on the 500-gallon and 1000-gallon gasoline USTs on the Hoxsey property on April 21, 1983. Mr. McFadden said he removed these USTs between 1983 and 1986; he did not recall the exact year.

Mr. McFadden indicated that when he removed the tanks on the Hoxsey property he saw holes in the bottoms of the tanks and he observed petroleum product flowing from

the holes. He also saw petroleum product in the tank pit, along with soil contamination. He said he smelled petroleum odors. He said no soil was removed at the time and there was no evidence of prior USTs.

During the interview, Mr. McFadden referred to photos taken March 13, 1977 immediately after fire destroyed the Hoxsey store. The photos were included in a response from the Hoxsey attorney to a U.S. EPA information request. Two photos show the location of the fuel pumps at the Hoxsey property. Mr. McFadden stated that, since the fuel pumps were direct-suction pumps, they were located directly above the USTs. He stated that he did not remove the 500-gallon kerosene tank that would have been present beneath the pump visible in the photo of the southeast corner of the building. That tank has not been located and is presumed to have been removed.

Mr. McFadden stated that he observed water in a 1-gallon container from a private well at the W.D. Grain Company located across 2153rd Rd to the east of the Hoxsey Property at the time he pulled the Hoxsey tanks between 1983 and 1986. He said the liquid looked and smelled like gasoline. He stated the grain company employee he spoke with at the time said the grain company was going to drill a deeper well to replace their contaminated well. Note that the preceding information in this paragraph is related to the Illinois Railway property.

### 3.2.2 Investigation Results

Investigative activities performed by the IEPA and the U.S. EPA in July 2012 revealed petroleum contamination in subsurface soils in boring GP-17, located adjacent to the Hoxsey property. The samples collected from this boring identified BTEX compounds, as well as other VOCs. As shown on Table 4, significant exceedances of TACO SROs were detected in a sample collected from GP-17 from a depth of 20 feet below ground surface (bgs), at the top of the St. Peter Sandstone. Based on these results, the U.S. EPA conducted a geophysical survey of the Hoxsey property and identified two anomalies suspected to be USTs; this resulted in issuance of Incident No. H2012-0831 by IEMA for the Hoxsey property. CEC conducted test pitting activities in November 2012, as indicated in Subsection 2.1.1, and only identified piping associated with the removed USTs.

In May 2013, the IEPA collected and analyzed soil samples from the Hoxsey property from soil borings GP-101, GP-103 through GP-107, and GP-110. One soil boring, GP-111, was drilled northeast of the Hoxsey property, across North 3462nd Road. The soil boring locations are presented on Figure 3 and the analytical results are presented on Tables 1 through 3. The greatest concentrations of detected constituents were found in the soil samples collected from soil boring GP-110. GP-110 is located at the former tank and pump island location. Analytical results from GP-110 indicated constituents were detected above the migration to groundwater SROs in samples collected from the following depth intervals: 1.5 to 2.5 ft bgs (benzene, ethylbenzene, and total xylenes), 14 to 15 ft bgs (ethylbenzene), and 19 to 20 ft bgs (ethylbenzene and total xylenes). The residential inhalation SRO for total xylenes was exceeded in the soil sample collected from 19 to 20 ft bgs. The construction worker inhalation SROs were exceeded in the soil samples collected from the following depth intervals: 1.5 to 2.5 ft bgs (ethylbenzene and total xylenes), 14 to 15 ft bgs (naphthalene and total xylenes), and 19 to 20 ft bgs (ethylbenzene and total xylenes). The only other exceedance of an SRO was identified in boring GP-103 in a sample collected from the 20 to 21 ft bgs depth interval (ethylbenzene).

Groundwater samples were collected by the IEPA from temporary wells installed in borings GP-103 and GP-110. As shown on Table 12, benzene and ethylbenzene were above GROs in GP-103, and BTEX and naphthalene were detected above GROs in GP-110.

In September 2013, monitoring wells IMW-102 and IMW-104 were installed on the Hoxsey property, well IMW-103 was installed to the northwest of the Hoxsey property, and IMW-101 was installed east of the Hoxsey property, across North 2153rd road. These monitoring wells were sampled by WESTON on behalf of the IEPA in September 2013 and October 2014. IMW-101 is installed along the Illinois Railway property and will be discussed in the following subsection.

Table 12 presents the groundwater analytical data and shows that benzene, ethylbenzene, toluene, and/or xylenes were detected at concentrations exceeding GROs in each of the permanent monitoring wells. At least two of these constituents

were found to exceed GROs in each of the samples collected. Figure 12 shows the locations of the monitoring wells and calls out the GRO exceedances.

## 3.3 ILLINOIS RAILWAY PROPERTY

The IR property is an elongated property located adjacent to and east of North 2153rd Road. Various soil and groundwater investigations have been conducted along this property from 2012 through 2014 and three USTs have been removed from locations identified on Figure 2.

### 3.3.1 UST #1 Area

The UST #1 area is located along the eastern side of North 2153rd Road, and approximately 1,000 feet north of North 3462nd Road. The UST was uncovered as part of the construction of a new railroad siding and was removed in July 2012, at which time a LUST incident number was assigned by the OSFM. Sample results of liquid in the UST collected by U.S. EPA confirmed that petroleum product was in the UST. The soil in the vicinity of the UST was removed and confirmation samples from the floor and sidewalls did not identify exceedances above SROs. A NFR letter was ultimately issued for this incident. This is the same UST referenced in the BP Report.

As shown on Figure 3, nine soil borings were advanced in this area by the U.S. EPA and BP. This area is part of the property formerly leased by Standard Oil Company in operation of a bulk oil plant. Soil borings BP-SB-1 through BP-SB-9 were advanced by BP in January and February 2014 at the locations shown on Figure 3. U.S. EPA collected split samples from locations BP-SB-2, BP-SB-4, and BP-SB-6 (U.S. EPA samples from WGS-SS-SB2, WGS-SS-SB4, and WGS-SS-SB6, respectively). As shown on Tables 4, 5, 9, and 10, detected concentrations of compounds did not exceed SROs.

One temporary monitoring well, WGS-GP19 (installed in July 2012), and one permanent monitoring well, MW5, were installed in the vicinity of the former UST and sampled by the U.S. EPA in order to assess whether or not groundwater is impacted by a release from the UST. As shown on Tables 12 and 13, analytical data from MW5 did not detect

any VOCs and only estimated concentrations of SVOCs were detected. Metals results from MW5, shown on Table 14, indicate only manganese was found to exceed its GRO; however, manganese is not a contaminant of concern associated with a release of petroleum. Groundwater results from WGS-GP-19, shown on Table 12, only detected a low concentration of one VOC.

### 3.3.2 UST #2 Area

In April 2012, an investigation was conducted in advance of railroad siding expansion. One soil boring was found to have benzene above an SRO (boring GP-3). This boring was located on the east side of North 2153rd Road, across the street from the Hoxsey property. This is also the area where UST #2 (see Figure 2) was located and ultimately removed on April 29, 2013.

Soil borings WS-1 through WS-11 were advanced in the area of GP-3 in August 2012 to identify the extent of contamination related to GP-3 and a diesel spill which occurred in this same general area. SRO exceedances were detected in boring WS-2 in the sample collected from 11 to 12 ft bgs (ethylbenzene and xylenes); WS-8 in the sample collected from 19 ft bgs (benzene); and WS-11 in the sample collected from 17 ft bgs (benzene, ethylbenzene, and xylenes). As shown on Table 6, BTEX constituents were also detected in the other samples collected in the eleven borings advanced in this area; however, none of these detections exceeded SROs.

In May 2013, the IEPA collected and analyzed soil samples adjacent to the IR property from soil borings GP-108 and GP-109. As shown on Figure 3, these borings are in the same vicinity as GP-3 and WS-1 through WS-11, described above. Ethylbenzene, toluene, and xylenes were detected in the samples collected from GP-108 and GP-109. Ethylbenzene was detected above its SRO in GP-108 at a depth of 19 to 20 ft bgs.

Groundwater samples have been collected in the area of UST #2 by IEPA and U.S. EPA, at locations identified on Figure 4, including locations GP-108, GP-109, IMW-101, and WGW-SW02. Table 12 shows the VOC analytical data from these locations and indicates that benzene and ethylbenzene were detected above GROs in GP-108 and GP-109, and BTEX compounds exceeded GROs in IMW-101. Naphthalene, in GP-109,

and styrene in IMW-101, were also detected above GROs. Low levels of VOCs were detected in WGW-SW02; however, detections did not exceed GROs.

### 3.3.3 UST #3 Area

This area is located directly to the north of the UST #2 area, as shown on Figure 2. The OSFM did not identify a release upon the removal of UST #3. Soil borings IR-GP-11 and IR-GP-13 were advanced in the vicinity of UST #3. Concentrations above SROs were detected in GP-11 at a depth of 17 to 19 ft bgs (ethylbenzene, toluene, xylenes, and naphthalene). Exceedances were not detected in IR-GP-13.

Monitoring well IR-MW-13 was installed in the vicinity of UST #3. Only low levels of VOCs, below GROs, were detected in this monitoring well.

Detection limits for some contaminants, particularly benzene, were well above SROs in many of the soil samples collected from the IR property. The U.S. EPA and IEPA questioned those results and requested additional sampling to determine if benzene concentrations exceed SROs.

## 3.4 WEDRON SILICA PROPERTY

Various areas of the Wedron Silica property were investigated. The following identifies the exceedances of SROs in the five general areas sampled.

### 3.4.1 Tech Center Wastewater Treatment System

Soil borings WS-SB-GP-01 and WS-SB-GP-02 were drilled and sampled outside of the Tech Center. As shown on Table 8 and Figure 10, exceedances of SROs were not identified in samples collected from these borings.

### 3.4.2 Former 4,000-gallon USTs

Soil borings WS-SB-GP-03 through WS-SB-GP-06, and WS-SB-GP-14A and WS-SB-GP-15 through WS-SB-GP-18 were drilled and sampled in the former 4,000-gallon UST area. This is the southwestern-most investigated area, and part of the active Wedron Silica operation.

As shown on Table 8 and Figure 10, exceedances of BTEX compounds and naphthalene were detected above SROs in a number of the soil samples analyzed. Contamination was detected at near-surface depths to 30 feet bgs.

As indicated in the Wedron Silica Report, the 4,000-gallon USTs in this area were installed in 1984, subsequent to the initial complaints by Wedron residents of impacted drinking water. As discussed in Section 3.6, the groundwater flow direction in the area of these USTs, as well as across much of the Wedron study area is westerly, toward Pit 3. This flow direction had been established prior to the installation of these USTs and has continued since that time. Significant groundwater impacts in the Wedron study area, as indicated in Section 3.6, are located approximately in the area surrounding North 3462$^{nd}$ Road. Between this road and the former 4,000-gallon UST area are several residences whose drinking water wells have been tested and shown to be un-impacted by petroleum contamination (see Figure 12).

The 4,000-gallon UST area, as described in the Wedron Silica Report, will be addressed in accordance with the Illinois LUST regulations. The figure included in Appendix E, presents preliminary data from monitoring wells installed in the UST area, as well as monitoring wells previously installed and related to the Wedron study area. The analytical data have been incorporated into Table 12. This data delineates groundwater impacts related to the 4,000-gallon UST area and shows that petroleum contamination is limited to the vicinity of the UST area.

### 3.4.3 Former 6,000-gallon UST

Soil borings WS-SB-GP-07 through WS-SB-GP-11 were drilled and sampled in the area of the former 6,000-gallon gasoline UST near the current Screen House that was closed in 1982. Table 8 and Figure 10 show that the analytical results did not identify any constituents above SROs.

### 3.4.4 WGS-GP-10 Area

Soil borings WS-SB-GP-12 through WS-SB-GP-14 were drilled and sampled near the former Scale House well. As shown on Table 8 and Figure 10, one detection of

benzene in the duplicate soil sample collected from WS-SB-GP-13, from a depth of 15 feet bgs, exceeded its SRO. This is the only exceedance of an SRO in this area, and is below a TACO Tier II SRO presented in the Wedron Silica Report. This sample was also collected from a depth which is close to the groundwater table, in a location potentially downgradient of impacted monitoring well IR-MW-15. Additionally, the data presented in Appendix A shows that the Martin-Marietta Scale House well was considerably impacted by petroleum products in the 1980s, indicating the aquifer underlying this area has historically been contaminated. Based on the above, it is likely that the benzene exceedance in WS-SB-GP-13 is associated with groundwater contamination transferred to the soil via fluctuating water table conditions.

### 3.4.5 Pit 2 Reclamation Area

Soil borings WS-SB-GP-19 through WS-SBGP-21 were drilled and sampled at the locations shown on Figure 3, near the eastern edge of the Wedron Silica property, and within 200 feet of the Fox River. As shown on Table 8 and Figure 10, exceedances of SROs were not identified in the samples collected from the Pit 2 Reclamation Area.

A total of five groundwater monitoring locations were sampled in the Pit 2 Reclamation Area. This includes samples collected from each of the three soil borings, temporary well WGS-TMW9, and monitoring well WGW-MW10. The data presented on Table 12 indicates constituents were not detected above GROs in samples collected from these five locations.

## 3.5 BP PROPERTY

Several different investigations have occurred on the BP property. Many of these involved soil sampling in the vicinity of a UST, which was removed in July 2012. Note that this is the same LUST incident discussed as “UST #1” in the above IR Subsection 3.3.1. The UST was assigned a release number by the OSFM and a total of 80 tons of impacted soil were removed from around the UST grave. Confirmation sampling indicated contamination had been removed and the IEPA issued a NFR Letter.

A site assessment was conducted by IR on August 23, 2012, which included advancement of six borings surrounding the former UST #1 area (borings UST-1 through UST-6). The BP Report cites the IR report, which indicates Industrial/Commercial SROs were not exceeded in samples collected from the six soil borings.

The subsurface geophysics conducted along the BP property, which consisted of a ground-penetrating radar survey and electromagnetic survey, did not identify subsurface anomalies indicative of metallic objects, such as USTs or piping.

The nine soil borings advanced along the BP property (BP-SB-1 through BP-SB-9) only contained low concentrations of VOCs and TPH, one SVOC, and lead. One lead concentration, in soil boring SB-2 was detected at a level greater than the lead background value for non-metropolitan statistical areas.

As described above in Subsection 3.3.1, groundwater sampling in the area of UST #1 only identified one low concentration of a VOC. Manganese in groundwater was elevated above the GRO; however, manganese is not associated with a potential petroleum release.

## 3.6 GROUNDWATER

### 3.6.1 Impacted Groundwater

Groundwater data has been collected from numerous private residential wells, temporary wells, and monitoring wells installed throughout Wedron into the uppermost water-bearing zone. This zone consists primarily of the St. Peter Sandstone, but may include limited thicknesses of the unconsolidated overburden materials. Although some residential and/or commercial wells in the area have been drilled into the deeper New Richmond Sandstone, these wells have not been impacted by petroleum contamination and are not discussed further.

Figure 4 shows the groundwater monitoring locations within the Wedron study area. Some of the residential wells sampled over the past several years are located to the north of the study area and are not depicted on Figure 4. The residential well VOC

analytical data is presented in Table 11. VOC analytical data for monitoring wells samples is presented in Table 12. Tables 13 and 14 present the SVOC and metals analytical data, respectively, for both monitoring and residential wells. Exceedances of GROs are highlighted in each of these tables.

The primary exceedances detected in groundwater include the BTEX compounds. Figure 12 shows the locations where groundwater exceedances of BTEX compounds have been detected in the study area. This figure displays only the maximum, or worst-case locations and does not identify the locations where BTEX compounds were detected below GROs. Figure 12 clearly indicates that the majority of the groundwater impacts are located in an approximate line from the area east of the Hoxsey property to the West Northwest. At the southeastern end of the study area, monitoring well IR-MW-15, on Illinois Railway property, is also shown to be impacted above GROs. This location is likely to be in the vicinity of a groundwater divide, described below, where groundwater flow will transition toward the Fox River.

#### *3.6.1.1 Residential Wells*

The residential wells that were contaminated in 1982-1983 with BTEX compounds at levels exceeding their MCLs are also shown on Figure 12 for reference. The wells were located in the vicinity of the Hoxsey and former W.D. Grain properties. As stated in Section 2, the contaminated wells were abandoned and the associated homes were connected to two new wells screened in the deeper New Richmond formation in 1983.

Tables 11, 13, and 14 shows the analytical results from residential well sampling conducted from 2011 through October 2014. Exceedances of MCLs are highlighted and indicate that a number of residential wells had BTEX compounds detected above their MCL. The residential wells that have been abandoned are identified near the top of the table with gray highlighting. Each affected residence, which had a well with an MCL exceedance, has been connected to potable water from the New Richmond aquifer.

One residential well has shown to have detections of BTEX compounds; however, at concentrations below the MCLs. The water supply for this address, which serves four

residences, continues to be from a private well screened across the St. Peter Sandstone aquifer. At this time, in-house carbon filtration units remain in place at these four residences. The IEPA has planned additional groundwater sampling of private water wells in the study area for Spring of 2015.

### 3.6.2 Groundwater Flow

The impacted groundwater in the Wedron study area is limited to the St. Peter Sandstone aquifer and any groundwater above the St. Peter within the unconsolidated sediment. This is considered to be one hydrostratigraphic unit and flow within it is by and large through the St. Peter Sandstone. The Figures presented in Appendix B depict the potentiometric surface of the St. Peter and were created by Wedron Silica based on groundwater elevation measurements collected on April 9 and 17, 2014. The potentiometric surface also takes into account the water elevations measured in the surface water bodies surrounding much of the study area. These include the water elevations in Pit 1, Pit 2, Pit 3, Buck Creek and the Fox River.

The lowest groundwater elevations in the study area have been recorded in Pit 3, which has been actively pumping water since the 1960s. Over the course of the last approximately 40 to 45 years, pumping in Pit 3 has effectively reversed the groundwater flow direction through the Wedron study area. Under non-pumping conditions, groundwater would be expected to flow in an easterly to southeasterly direction toward the Fox River. The current flow pattern shows westerly flow across the study area from approximately the Illinois Railway property. A groundwater divide is depicted in the vicinity of and along the alignment of the Illinois Railway property. The location of the groundwater divide is dictated by the groundwater elevations in monitoring wells IR-MW-14 and IR-MW-15. Groundwater east of the divide will flow toward the Fox River, and groundwater in the vicinity of the former Scale House may take on a south-westerly flow direction.

# SECTION 4
# CONCLUSIONS

Based on the information and data presented in the preceding Sections, the conclusions below identify the Hoxsey Property and the Illinois Railway property as the likely source areas of petroleum contamination responsible for the impact to the St. Peter Sandstone aquifer.

## 4.1 HOXSEY PROPERTY

The Hoxsey property is known to be a former gasoline dispensing station that operated from at least the late 1940s until 1977 when a fire destroyed the buildings on the property. The USTs that were part of the gasoline dispensing operation were removed in the mid-1980s and information obtained from Mr. Dan McFadden, who was present when the USTs were removed, indicated that he observed holes in the bottoms of the tanks and that petroleum product was flowing from the holes. Mr. McFadden observed soil contamination, smelled petroleum odors, and indicated that soil from the tank graves was not removed at the time of tank removal. The disposition of the USTs used between the late 1940s and 1975, when Mr. Hoxsey indicated the newer tanks were installed, is not known.

Soil contamination at levels exceeding soil remediation objectives (SROs), related to petroleum products, was detected at the Hoxsey property at a shallow depth in the vicinity of the former USTs. Contamination at levels above SROs has also been detected at deeper depths, including a sample collected at the top of the St. Peter Sandstone from approximately 14 to 15 feet bgs, above the water table; and in samples collected at the water table. These results indicate that contamination from the former USTs has migrated vertically downward to the underlying St. Peter Sandstone aquifer.

Groundwater analytical results from samples collected from the on-site monitoring wells and temporary monitoring wells indicate significant exceedances of groundwater remediation objectives (GROs) for BTEX compounds. As shown on Figure 12, impacted groundwater conditions have been detected at the Hoxsey Property as well as locations hydraulically downgradient of the Hoxsey property. This includes the private

wells that were contaminated in 1982 and 1983, and, with the exception of one well, were located on or adjacent to the Hoxsey property.

Based on the information and data gathered to date, the conclusion is drawn that the Hoxsey Property is a likely source for the groundwater contamination in the Wedron study area. The likely source area is outlined on Figure 11.

## 4.2 ILLINOIS RAILWAY

The Illinois Railway property consists of an elongated tract of land to the east of North 2153rd Road. Portions of this property have been used for various operations, including a bulk oil storage area (operated by BP predecessor Standard Oil), and an area leased by W.D. Grain Company. A total of three USTs have been removed from this property since July 2012.

### 4.2.1 UST #1

UST #1, located approximately 1,000 feet north of North 2462nd Road, and in the area formerly leased by Standard Oil was removed in July 2012. Eighty tons of soil were removed from this area and an NFR letter was obtained for the release associated with this tank. Based on subsequent soil and groundwater sampling conducted in the vicinity of UST #1, petroleum related contamination was not identified in this area. This area is also separated from the groundwater contamination located in the Wedron study area by a number of private residential wells that have not shown contamination levels above GROs.

The conclusion is drawn that UST #1 is not a likely source for the groundwater contamination in the Wedron study area.

### 4.2.2 UST #2 and UST #3 Area

These USTs were located approximately east of the intersection of North 2462nd Road and North 2153rd Road. Piping was located between the two USTs and connected each of these USTs to a central fill location. UST #2 was removed in April 2013. UST #3 and piping from UST #2 were removed in December 2013. Soil contamination above SROs,

related to petroleum products, was detected in samples collected on or along the Illinois Railway property in the vicinity of UST #2 and UST #3. Significant petroleum-related contamination has been detected in soil samples in the area at depths ranging from near-surface, to depths of 11 to 12 feet bgs above the water table, and in samples collected at the water table. These results indicate that contamination from the former USTs or associated piping has migrated vertically downward to the underlying St. Peter Sandstone aquifer.

Groundwater analytical results from samples collected from the on-site monitoring wells and temporary monitoring wells indicate significant GRO exceedances of BTEX compounds. As shown on Figure 12, impacted groundwater conditions have been detected at or adjacent to the UST #2 and UST #3 area as well as locations hydraulically downgradient of this area.

Based on the information and data gathered to date, the conclusion is drawn that the area in the vicinity of UST #2 and UST #3 is a likely source for the groundwater contamination in the Wedron study area. The likely source area is outlined on Figure 11.

### 4.3 WEDRON SILICA

The Wedron Silica property, as referred to in this report, consists of properties owned or operated by the Wedron Silica Company, Technisand, Inc., and Lockheed Martin Corporation. The following conclusions are drawn from investigations conducted at five areas across Wedron Silica.

Analytical results from soil samples collected adjacent to the Tech Center Wastewater Treatment System did not identify compounds exceeding SROs. Therefore, the Tech Center area is not considered to be a likely source area of groundwater contamination in the Wedron Study area.

The borings advanced in the vicinity of the 4,000-gallon USTs identified compounds indicative of petroleum contamination at levels exceeding SROs. However, groundwater flow in this area is northwesterly, toward Pit 3. Additionally, several un-impacted residential wells are located directly north between the 4,000-gallon UST area

and the area of impacted wells, and groundwater sampling performed in the UST area conducted in November 2014 indicates petroleum contamination is limited to the vicinity of the UST area. Therefore, the 4,000-gallon UST area is not considered to be a likely source area of groundwater contamination in the Wedron study area.

The 4,000-gallon UST area has been issued a release number and Wedron Silica has indicated they will address this release through the IEPA LUST program.

Soil in the vicinity of the former 6,000-gallon UST area was sampled; however, concentrations were not found to exceed SROs. Therefore, the 6,000-gallon UST area is not considered to be a likely source area of groundwater contamination in the Wedron study area.

One detection of benzene above an SRO was detected in a soil sample collected from the WGS-GP-10 area, near the former Scale House. This sample was collected from a depth near the water table and is the only sample with an SRO exceedance in this area. As the sample was collected close to the water table, it is likely that this contamination is associated with impacted groundwater that has impacted this soil as the water level fluctuated over time. In order to address this limited contamination, Wedron Silica calculated a Tier II SRO, which is greater than the benzene concentration. Based on the above information, the WGS-GP-10 area is not considered to be a likely source area of groundwater contamination in the Wedron study area.

Soil and groundwater data from sampling locations within the Pit 2 Reclamation Area did not identify constituent concentrations in excess of SROs and GROs, respectively. Therefore, the Pit 2 Reclamation Area is not considered to be a likely source area of groundwater contamination.

### 4.4 BP

The property investigated by BP is owned by Illinois Railway and was once leased to Standard Oil Company, a BP corporate predecessor. One UST (UST #1) was removed from this property, as described above (Section 3.3.1). Based on soil and groundwater sampling conducted in the vicinity of UST #1, after the July 2012 UST removal, which

included the excavation and removal of 80 tons of soil, petroleum related contamination was not identified in this area. This area is also separated from the groundwater contamination located in the Wedron study area by some private residential wells that have not shown contamination levels above GROs. Therefore, the BP-investigated area is not considered to be a likely source area of groundwater contamination in the Wedron study area.

## 4.5 RESIDENTIAL WELLS

Residential well sampling first occurred as a response to a complaint in 1982. The greatest concentrations of contaminants were detected in the residential well located on the Hoxsey property, a residential well located directly northeast of the Hoxsey property, and in the Martin-Marietta Scale House well. Two replacement wells were drilled into the New Richmond aquifer and the affected homes were connected to them. No further issues were reported until 2009 when benzene was detected above the MCL in two residential wells in the Wedron study area.

The U.S. EPA's involvement in this project began in 2011. Since this time the U.S. EPA has collected groundwater samples from approximately 40 residences in the Wedron study area. Based on analytical results indicating contamination was present, eight homes were supplied with drinking water and in-house carbon filtration units. In 2013 the U.S. EPA installed new drinking water wells at the eight residences with impacted groundwater and abandoned the impacted wells. The new wells produce water from the New Richmond aquifer and have alleviated the current threat of human exposure to contaminated groundwater.

Currently, four residences connected to one well continue to have water treated by in-house carbon filtration systems to prevent exposure to contaminated water. BTEX compounds were not detected in groundwater based on sampling performed by the IEPA at this location in October 2014. The IEPA has planned additional groundwater sampling of private water wells in the study area for Spring of 2015, including these residences.

As each of the impacted residential wells has been abandoned and replaced, or its water is being treated prior to its use, there does not appear to be a need to replace any other residential drinking water wells at this time. However, the drinking water quality may change over time and additional actions may be required in the future to prevent exposure to impacted groundwater.

# TABLES

**Notes and Abbreviations**

| | |
|---|---|
| ug/kg | micrograms per kilogram |
| mg/kg | milligrams per kilogram |
| cm/sec | centimeters per second |
| s.u. | standard pH units |
| TPH | Total petroleum hydrocarbons |
| DRO | Diesel Range Organics |
| GRO | Gasoline Range Organics |
| SRO | Soil Remediation Objective - Value presented is for the soil component of the groundwater ingestion exposure route (migration to groundwater). |
| GW RO | Groundwater Remediation Objective for Class 1 groundwater. |
| VOC | Volatile Organic Compound |
| SVOC | Semi-Volatile Organic Compound |
| | Green shading identifies a concentration that exceeds the SRO (migration to groundwater) or GRO. |
| | Yellow shading identifies a concentration that exceeds the migration to groundwater as well as the residential inhalation SROs. |
| | Blue shading identifies a concentration that exceeds the migration to groundwater, as well as the residential inhalation and ingestion SROs. |
| | On Table 4-11, gray shading identifies a residence where a new water supply well has been installed. The new wells pump water from the New Richmond aquifer. |

**Data Qualifiers**

| | |
|---|---|
| B | Analyte was detected in the blank and sample. |
| J | Estimated value. |
| U | Analyte not detected; reporting limit is presented. |
| HC | Results may be biased high because of high continuing calibration verification. |
| LC | Results may be biased low because of low continuing calibration verification. |
| N | Tentatively identified compound. |
| R | Rejected as a result of data validation. |

# Table 1
# IEPA Soil Data - VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X101A | X101B | X103A | X103B | X104A | X105 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/20/2013 | 5/20/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 |
| Station Name | | | GP-101 | GP-101 | GP-103 | GP-103 | GP-104 | GP-105 |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,1-Dichloroethene | ug/kg | 60 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,1-Dichloropropene | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,2,3-Trichloropropane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,2-Dichloroethane | ug/kg | 20 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,2-Dichloropropane | ug/kg | 30 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 1,3-Dichloropropane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 2,2-Dichloropropane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 2-Hexanone | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| 4-Methyl-2-pentanone | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Acetone | ug/kg | 25000 | 8.7 U | 10 U | 8.7 U | 910 U | 82 | 78 |
| Benzene | ug/kg | 30 | 1.7 U | 5.4 | 1.7 U | 180 U | 4 | 3.6 |
| Bromobenzene | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Bromodichloromethane | ug/kg | 600 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Bromoform | ug/kg | 800 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Bromomethane | ug/kg | 200 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Carbon disulfide | ug/kg | 32000 | 4.1 | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Carbon tetrachloride | ug/kg | 70 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Chlorobenzene | ug/kg | 1000 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Chlorobromomethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Chloroethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Chloroform | ug/kg | 600 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Chloromethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| cis-1,3-Dichloropropene | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Dibromochloromethane | ug/kg | 400 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Dibromomethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Ethylbenzene | ug/kg | 13000 | 490 | 5900 | 41 | 22000 | 190 U | 4.1 |
| Isopropylbenzene (Cumene) | ug/kg | | 630 | 170 | 90 | 2500 | 82 | 2.1 U |
| Methyl ethyl ketone | ug/kg | | 8.7 U | 10 U | 8.7 U | 910 U | 9.7 U | 10 U |
| Methyl tert-butyl ether | ug/kg | 320 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Methylene chloride | ug/kg | 20 | 4.4 U | 5.1 U | 4.3 U | 460 U | 4.8 U | 5.2 U |
| Styrene | ug/kg | 4000 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Tetrachloroethene | ug/kg | 60 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Toluene | ug/kg | 12000 | 22 | 63 | 1.7 U | 180 U | 11 | 9.3 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| trans-1,3-Dichloropropene | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Trichloroethene | ug/kg | 60 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Trichlorofluoromethane | ug/kg | | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Vinyl Chloride | ug/kg | 10 | 1.7 U | 2 U | 1.7 U | 180 U | 1.9 U | 2.1 U |
| Xylene (Total) | ug/kg | 150000 | 280 | 18000 | 54 | 76000 | 190 U | 9.8 |

# Table 1
# IEPA Soil Data - VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X106A | X107A | X107B | X158A | X108A | X108B |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 |
| Station Name | | | GP-106 | GP-107 | GP-107 | GP-108 | GP-108 | GP-108 |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,1-Dichloroethene | ug/kg | 60 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,1-Dichloropropene | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,2,3-Trichloropropane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,2-Dichloroethane | ug/kg | 20 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,2-Dichloropropane | ug/kg | 30 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 1,3-Dichloropropane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 2,2-Dichloropropane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 2-Hexanone | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| 4-Methyl-2-pentanone | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Acetone | ug/kg | 25000 | 8 U | 52 | 8.4 U | 920 U | 8.5 U | 8.7 U |
| Benzene | ug/kg | 30 | 1.6 U | 2.8 | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Bromobenzene | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Bromodichloromethane | ug/kg | 600 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Bromoform | ug/kg | 800 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Bromomethane | ug/kg | 200 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Carbon disulfide | ug/kg | 32000 | 2.9 | 1.8 U | 7 | 180 U | 1.7 U | 1.7 U |
| Carbon tetrachloride | ug/kg | 70 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Chlorobenzene | ug/kg | 1000 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Chlorobromomethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Chloroethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Chloroform | ug/kg | 600 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Chloromethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| cis-1,3-Dichloropropene | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Dibromochloromethane | ug/kg | 400 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Dibromomethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Ethylbenzene | ug/kg | 13000 | 1000 | 10 | 9 | 300 | 37 | 37000 |
| Isopropylbenzene (Cumene) | ug/kg | | 1100 | 3.3 | 26 | 230 | 40 | 5700 |
| Methyl ethyl ketone | ug/kg | | 8 U | 8.9 U | 8.4 U | 920 U | 8.5 U | 8.7 U |
| Methyl tert-butyl ether | ug/kg | 320 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Methylene chloride | ug/kg | 20 | 4 U | 4.5 U | 4.2 U | 460 U | 4.2 U | 4.4 U |
| Styrene | ug/kg | 4000 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Tetrachloroethene | ug/kg | 60 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Toluene | ug/kg | 12000 | 13 | 7.3 | 1.7 U | 180 U | 4.6 | 540 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| trans-1,3-Dichloropropene | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Trichloroethene | ug/kg | 60 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Trichlorofluoromethane | ug/kg | | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Vinyl Chloride | ug/kg | 10 | 1.6 U | 1.8 U | 1.7 U | 180 U | 1.7 U | 1.7 U |
| Xylene (Total) | ug/kg | 150000 | 2200 | 39 | 17 | 290 | 20 | 97000 |

# Table 1
# IEPA Soil Data - VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X109 | X110A | X110B | X110C | X111A | X111B |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 |
| Station Name | | | GP-109 | GP-110 | GP-110 | GP-110 | GP-111 | GP-111 |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,1-Dichloroethene | ug/kg | 60 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,1-Dichloropropene | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,2,3-Trichloropropane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,2-Dichloroethane | ug/kg | 20 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,2-Dichloropropane | ug/kg | 30 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 1,3-Dichloropropane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 2,2-Dichloropropane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 2-Hexanone | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| 4-Methyl-2-pentanone | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Acetone | ug/kg | 25000 | 880 U | 970 U | 800 U | 900 U | 43 | 10 U |
| Benzene | ug/kg | 30 | 180 U | 290 | 160 U | 180 U | 1.6 U | 2.1 U |
| Bromobenzene | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Bromodichloromethane | ug/kg | 600 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Bromoform | ug/kg | 800 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Bromomethane | ug/kg | 200 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Carbon disulfide | ug/kg | 32000 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Carbon tetrachloride | ug/kg | 70 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Chlorobenzene | ug/kg | 1000 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Chlorobromomethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Chloroethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Chloroform | ug/kg | 600 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Chloromethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| cis-1,3-Dichloropropene | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Dibromochloromethane | ug/kg | 400 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Dibromomethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Ethylbenzene | ug/kg | 13000 | 6800 | 69000 | 39000 | 69000 | 1.6 U | 2500 |
| Isopropylbenzene (Cumene) | ug/kg | | 420 | 16000 | 4200 | 6500 | 1.6 U | 33 |
| Methyl ethyl ketone | ug/kg | | 880 U | 970 U | 800 U | 900 U | 8.1 U | 10 U |
| Methyl tert-butyl ether | ug/kg | 320 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Methylene chloride | ug/kg | 20 | 440 U | 490 U | 400 U | 450 U | 4.1 U | 5.1 U |
| Styrene | ug/kg | 4000 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Tetrachloroethene | ug/kg | 60 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Toluene | ug/kg | 12000 | 900 | 3500 | 160 U | 12000 | 2.3 | 72 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| trans-1,3-Dichloropropene | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Trichloroethene | ug/kg | 60 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Trichlorofluoromethane | ug/kg | | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Vinyl Chloride | ug/kg | 10 | 180 U | 190 U | 160 U | 180 U | 1.6 U | 2.1 U |
| Xylene (Total) | ug/kg | 150000 | 30000 | 310000 | 130000 | 350000 | 1.6 U | 12000 |

# Table 1
# IEPA Soil Data - VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | IMW-101 (1-3) | IMW-101 (18-20) | IMW-102 (5-6) | IMW-102 (17-18) |
|---|---|---|---|---|---|---|
| Sample Date | | | 9/9/2013 | 9/9/2013 | 9/10/2013 | 9/10/2013 |
| Station Name | | | IMW-101 | IMW-101 | IMW-102 | IMW-102 |
| **VOCs** | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/kg | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,1-Dichloroethane | ug/kg | 23000 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,1-Dichloroethene | ug/kg | 60 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,1-Dichloropropene | ug/kg | | | | | |
| 1,2,3-Trichloropropane | ug/kg | | | | | |
| 1,2-Dibromoethane | ug/kg | 0.4 | | | | |
| 1,2-Dichloroethane | ug/kg | 20 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,2-Dichloropropane | ug/kg | 30 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| 1,3-Dichloropropane | ug/kg | | | | | |
| 2,2-Dichloropropane | ug/kg | | | | | |
| 2-Hexanone | ug/kg | | 83.1 R | 79.3 R | 83.7 R | 78 R |
| 4-Methyl-2-pentanone | ug/kg | | 20.8 R | 19.8 R | 20.9 R | 19.5 R |
| Acetone | ug/kg | 25000 | 61.8 J | 79.3 R | 92.5 J | 78 R |
| Benzene | ug/kg | 30 | 4.2 R | 4 R | 4.2 R | 4 J |
| Bromobenzene | ug/kg | | | | | |
| Bromodichloromethane | ug/kg | 600 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Bromoform | ug/kg | 800 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Bromomethane | ug/kg | 200 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Carbon disulfide | ug/kg | 32000 | 8.3 R | 7.9 R | 8.4 R | 7.8 R |
| Carbon tetrachloride | ug/kg | 70 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Chlorobenzene | ug/kg | 1000 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Chlorobromomethane | ug/kg | | | | | |
| Chloroethane | ug/kg | | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Chloroform | ug/kg | 600 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Chloromethane | ug/kg | | 4.2 R | 4 R | 4.2 R | 3.9 R |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| cis-1,3-Dichloropropene | ug/kg | | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Dibromochloromethane | ug/kg | 400 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Dibromomethane | ug/kg | | | | | |
| Ethylbenzene | ug/kg | 13000 | 4.2 R | 3180 J | 4.2 R | 213 J |
| Isopropylbenzene (Cumene) | ug/kg | | | | | |
| Methyl ethyl ketone | ug/kg | | 20.8 R | 19.8 R | 20.9 R | 19.5 R |
| Methyl tert-butyl ether | ug/kg | 320 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Methylene chloride | ug/kg | 20 | 16.6 R | 15.9 R | 16.7 R | 15.6 R |
| Styrene | ug/kg | 4000 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Tetrachloroethene | ug/kg | 60 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Toluene | ug/kg | 12000 | 4.2 R | 17.2 J | 4.2 R | 10.4 J |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| trans-1,3-Dichloropropene | ug/kg | | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Trichloroethene | ug/kg | 60 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Trichlorofluoromethane | ug/kg | | | | | |
| Vinyl Chloride | ug/kg | 10 | 4.2 R | 4 R | 4.2 R | 3.9 R |
| Xylene (Total) | ug/kg | 150000 | 8.3 R | 4570 J | 8.4 R | 9600 J |

# Table 1
# IEPA Soil Data - VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | IMW-103 (1-3) | IMW-103 (18-20) | IMW-104 (1-3) | IMW-104 (18-20) |
|---|---|---|---|---|---|---|
| Sample Date | | | 9/11/2013 | 9/11/2013 | 9/10/2013 | 9/10/2013 |
| Station Name | | | IMW-103 | IMW-103 | IMW-104 | IMW-104 |
| **VOCs** | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/kg | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,1-Dichloroethane | ug/kg | 23000 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,1-Dichloroethene | ug/kg | 60 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,1-Dichloropropene | ug/kg | | | | | |
| 1,2,3-Trichloropropane | ug/kg | | | | | |
| 1,2-Dibromoethane | ug/kg | 0.4 | | | | |
| 1,2-Dichloroethane | ug/kg | 20 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,2-Dichloropropane | ug/kg | 30 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| 1,3-Dichloropropane | ug/kg | | | | | |
| 2,2-Dichloropropane | ug/kg | | | | | |
| 2-Hexanone | ug/kg | | 85.4 R | 77.5 R | 85.1 R | 88.8 R |
| 4-Methyl-2-pentanone | ug/kg | | 21.4 R | 19.4 R | 21.3 R | 22.2 R |
| Acetone | ug/kg | 25000 | 82.7 J | 77.5 R | 81.1 J | 88.8 R |
| Benzene | ug/kg | 30 | 4.3 R | 1.4 J | 4.3 R | 4.4 R |
| Bromobenzene | ug/kg | | | | | |
| Bromodichloromethane | ug/kg | 600 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Bromoform | ug/kg | 800 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Bromomethane | ug/kg | 200 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Carbon disulfide | ug/kg | 32000 | 8.5 R | 7.8 R | 8.5 R | 8.9 R |
| Carbon tetrachloride | ug/kg | 70 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Chlorobenzene | ug/kg | 1000 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Chlorobromomethane | ug/kg | | | | | |
| Chloroethane | ug/kg | | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Chloroform | ug/kg | 600 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Chloromethane | ug/kg | | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| cis-1,3-Dichloropropene | ug/kg | | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Dibromochloromethane | ug/kg | 400 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Dibromomethane | ug/kg | | | | | |
| Ethylbenzene | ug/kg | 13000 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Isopropylbenzene (Cumene) | ug/kg | | | | | |
| Methyl ethyl ketone | ug/kg | | 21.4 R | 19.4 R | 21.3 R | 22.2 R |
| Methyl tert-butyl ether | ug/kg | 320 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Methylene chloride | ug/kg | 20 | 17.1 R | 15.5 R | 17 R | 17.8 R |
| Styrene | ug/kg | 4000 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Tetrachloroethene | ug/kg | 60 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Toluene | ug/kg | 12000 | 4.3 R | 2.3 J | 4.3 R | 4.4 R |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| trans-1,3-Dichloropropene | ug/kg | | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Trichloroethene | ug/kg | 60 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Trichlorofluoromethane | ug/kg | | | | | |
| Vinyl Chloride | ug/kg | 10 | 4.3 R | 3.9 R | 4.3 R | 4.4 R |
| Xylene (Total) | ug/kg | 150000 | 8.5 R | 7.8 R | 8.5 R | 8.9 R |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X101A | X101B | X103A | X103B | X104A |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/20/2013 | 5/20/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 |
| Station Name | | | GP-101 | GP-101 | GP-103 | GP-103 | GP-104 |
| **SVOCs** | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,2-Dinitrobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,3-Dichlorobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,3-Dinitrobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1,4-Dinitrobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1-Chloronaphthalene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 1-Naphthylamine | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 200 U | 210 U | 190 U | 190 U | 200 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,6-Dichlorophenol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Chloronaphthalene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Chlorophenol | ug/kg | 4000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Methylnaphthalene | ug/kg | | 2100 | 420 | 960 | 1700 | 58 U |
| 2-Methylphenol | ug/kg | 15000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Naphthylamine | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Nitroaniline | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Nitrophenol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 2-Picoline | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 3-Nitroaniline | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 380 U | 410 U | 360 U | 370 U | 390 U |
| 4-Bromophenyl-phenylether | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Chloro-3-methylphenol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Chloroaniline | ug/kg | 700 | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Methylphenol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Nitroaniline | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Nitrobiphenyl | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 4-Nitrophenol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 5-Nitroacenaphthene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Acenaphthene | ug/kg | 570000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Acenaphthylene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Acetophenone | ug/kg | | 58 U | 80 | 55 U | 56 U | 58 U |
| Anthracene | ug/kg | 1.2E+07 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Azobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Benzo(a)anthracene | ug/kg | 2000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Benzo(a)pyrene | ug/kg | 8000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Benzo(g,h,i)perylene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 58 U | 62 U | 55 U | 56 U | 58 U |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X101A | X101B | X103A | X103B | X104A |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/20/2013 | 5/20/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 |
| Station Name | | | GP-101 | GP-101 | GP-103 | GP-103 | GP-104 |
| bis(2-Chloroethoxy)methane | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 58 U | 62 U | 55 U | 56 U | 58 U |
| bis(2-Chloroisopropyl)ether | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 200 U | 210 U | 190 U | 190 U | 200 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Carbazole | ug/kg | 600 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Chrysene | ug/kg | 160000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Dibenzofuran | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Diethylphthalate | ug/kg | 470000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Dimethyl phthalate | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Diphenylamine | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Ethyl methanesulfonate | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Fluoranthene | ug/kg | 4300000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Fluorene | ug/kg | 560000 | 120 | 62 U | 55 U | 60 | 58 U |
| Hexachlorobenzene | ug/kg | 2000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Hexachlorobutadiene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 200 U | 210 U | 190 U | 190 U | 200 U |
| Hexachloroethane | ug/kg | 500 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Hexachloropropene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Isodrin | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Isophorone | ug/kg | 8000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Isosafrole | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Mestranol | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Methyl methanesulfonate | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Naphthalene | ug/kg | 12000 | 320 | 970 | 55 U | 1700 | 58 U |
| Nitrobenzene | ug/kg | 100 | 58 U | 62 U | 55 U | 56 U | 58 U |
| N-Nitrosodi-n-butylamine | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 58 U | 62 U | 55 U | 56 U | 58 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | | |
| N-Nitrosopiperidine | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| p-Dimethylaminoazobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Pentachlorobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Pentachloronitrobenzene | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Pentachlorophenol | ug/kg | 30 | 580 U | 620 U | 550 U | 560 U | 580 U |
| Phenacetin | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Phenanthrene | ug/kg | | 190 | 62 U | 95 | 99 | 58 U |
| Phenol | ug/kg | 100000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Pronamide | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Pyrene | ug/kg | 4200000 | 58 U | 62 U | 55 U | 56 U | 58 U |
| Pyridine | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |
| Safrole | ug/kg | | 58 U | 62 U | 55 U | 56 U | 58 U |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X105 | X106A | X107A | X107B | X158A |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/22/2013 |
| Station Name | | | GP-105 | GP-106 | GP-107 | GP-107 | GP-108 |
| **SVOCs** | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,2-Dinitrobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,3-Dichlorobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,3-Dinitrobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1,4-Dinitrobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1-Chloronaphthalene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 1-Naphthylamine | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 200 U | 190 U | 180 U | 190 U | 200 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,6-Dichlorophenol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Chloronaphthalene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Chlorophenol | ug/kg | 4000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Methylnaphthalene | ug/kg | | 290 | 380 | 53 U | 55 U | 1300 |
| 2-Methylphenol | ug/kg | 15000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Naphthylamine | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Nitroaniline | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Nitrophenol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 2-Picoline | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 3-Nitroaniline | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 390 U | 370 U | 350 U | 360 U | 400 U |
| 4-Bromophenyl-phenylether | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Chloro-3-methylphenol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Chloroaniline | ug/kg | 700 | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Methylphenol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Nitroaniline | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Nitrobiphenyl | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 4-Nitrophenol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 5-Nitroacenaphthene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Acenaphthene | ug/kg | 570000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Acenaphthylene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Acetophenone | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Anthracene | ug/kg | 1.2E+07 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Azobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Benzo(a)anthracene | ug/kg | 2000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Benzo(a)pyrene | ug/kg | 8000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Benzo(g,h,i)perylene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 59 U | 55 U | 53 U | 55 U | 60 U |

**Table 2**
**IEPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | X105 | X106A | X107A | X107B | X158A |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/22/2013 |
| Station Name | | | GP-105 | GP-106 | GP-107 | GP-107 | GP-108 |
| bis(2-Chloroethoxy)methane | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 59 U | 55 U | 53 U | 55 U | 60 U |
| bis(2-Chloroisopropyl)ether | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 200 U | 190 U | 180 U | 190 U | 200 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Carbazole | ug/kg | 600 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Chrysene | ug/kg | 160000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Dibenzofuran | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Diethylphthalate | ug/kg | 470000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Dimethyl phthalate | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Diphenylamine | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Ethyl methanesulfonate | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Fluoranthene | ug/kg | 4300000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Fluorene | ug/kg | 560000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Hexachlorobenzene | ug/kg | 2000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Hexachlorobutadiene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 200 U | 190 U | 180 U | 190 U | 200 U |
| Hexachloroethane | ug/kg | 500 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Hexachloropropene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Isodrin | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Isophorone | ug/kg | 8000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Isosafrole | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Mestranol | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Methyl methanesulfonate | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Naphthalene | ug/kg | 12000 | 220 | 270 | 53 U | 55 U | 300 |
| Nitrobenzene | ug/kg | 100 | 59 U | 55 U | 53 U | 55 U | 60 U |
| N-Nitrosodi-n-butylamine | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 59 U | 55 U | 53 U | 55 U | 60 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | | |
| N-Nitrosopiperidine | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| p-Dimethylaminoazobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Pentachlorobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Pentachloronitrobenzene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Pentachlorophenol | ug/kg | 30 | 590 U | 550 U | 530 U | 550 U | 600 U |
| Phenacetin | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Phenanthrene | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Phenol | ug/kg | 100000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Pronamide | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Pyrene | ug/kg | 4200000 | 59 U | 55 U | 53 U | 55 U | 60 U |
| Pyridine | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |
| Safrole | ug/kg | | 59 U | 55 U | 53 U | 55 U | 60 U |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X108A | X108B | X109 | X110A | X110B |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 |
| Station Name | | | GP-108 | GP-108 | GP-109 | GP-110 | GP-110 |
| **SVOCs** | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,2-Dinitrobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,3-Dichlorobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,3-Dinitrobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1,4-Dinitrobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1-Chloronaphthalene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 1-Naphthylamine | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 210 U | 180 U | 200 U | 190 U | 200 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,6-Dichlorophenol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Chloronaphthalene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Chlorophenol | ug/kg | 4000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Methylnaphthalene | ug/kg | | 240 | 4100 | 5000 | 710 | 5600 |
| 2-Methylphenol | ug/kg | 15000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Naphthylamine | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Nitroaniline | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Nitrophenol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 2-Picoline | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 3-Nitroaniline | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 400 U | 360 U | 380 U | 370 U | 390 U |
| 4-Bromophenyl-phenylether | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Chloro-3-methylphenol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Chloroaniline | ug/kg | 700 | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Methylphenol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Nitroaniline | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Nitrobiphenyl | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 4-Nitrophenol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 5-Nitroacenaphthene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Acenaphthene | ug/kg | 570000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Acenaphthylene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Acetophenone | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Anthracene | ug/kg | 1.2E+07 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Azobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Benzo(a)anthracene | ug/kg | 2000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Benzo(a)pyrene | ug/kg | 8000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Benzo(g,h,i)perylene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 61 U | 54 U | 58 U | 56 U | 59 U |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X108A | X108B | X109 | X110A | X110B |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 |
| Station Name | | | GP-108 | GP-108 | GP-109 | GP-110 | GP-110 |
| bis(2-Chloroethoxy)methane | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 61 U | 54 U | 58 U | 56 U | 59 U |
| bis(2-Chloroisopropyl)ether | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 210 U | 180 U | 200 U | 190 U | 200 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Carbazole | ug/kg | 600 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Chrysene | ug/kg | 160000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Dibenzofuran | ug/kg | | 61 U | 54 U | 58 U | 56 U | 180 |
| Diethylphthalate | ug/kg | 470000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Dimethyl phthalate | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Diphenylamine | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Ethyl methanesulfonate | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Fluoranthene | ug/kg | 4300000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Fluorene | ug/kg | 560000 | 61 U | 63 | 68 | 56 U | 290 |
| Hexachlorobenzene | ug/kg | 2000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Hexachlorobutadiene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 210 U | 180 U | 200 U | 190 U | 200 U |
| Hexachloroethane | ug/kg | 500 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Hexachloropropene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Isodrin | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Isophorone | ug/kg | 8000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Isosafrole | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Mestranol | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Methyl methanesulfonate | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Naphthalene | ug/kg | 12000 | 210 | 2100 | 6200 | 1000 | 2900 |
| Nitrobenzene | ug/kg | 100 | 61 U | 54 U | 58 U | 56 U | 59 U |
| N-Nitrosodi-n-butylamine | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 61 U | 54 U | 58 U | 56 U | 59 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | | |
| N-Nitrosopiperidine | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| p-Dimethylaminoazobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Pentachlorobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Pentachloronitrobenzene | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Pentachlorophenol | ug/kg | 30 | 610 U | 540 U | 580 U | 560 U | 590 U |
| Phenacetin | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Phenanthrene | ug/kg | | 61 U | 110 | 78 | 56 U | 340 |
| Phenol | ug/kg | 100000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Pronamide | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Pyrene | ug/kg | 4200000 | 61 U | 54 U | 58 U | 56 U | 59 U |
| Pyridine | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |
| Safrole | ug/kg | | 61 U | 54 U | 58 U | 56 U | 59 U |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X110C | X111A | X111B | IMW-101 (1-3) |
|---|---|---|---|---|---|---|
| Sample Date | | | 5/22/2013 | 5/22/2013 | 5/22/2013 | 9/9/2013 |
| Station Name | | | GP-110 | GP-111 | GP-111 | IMW-101 |
| **SVOCs** | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 55 U | 53 U | 62 U | 1710 UJ |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 55 U | 53 U | 62 U | 1710 UJ |
| 1,2-Dinitrobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| 1,3-Dichlorobenzene | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| 1,3-Dinitrobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 55 U | 53 U | 62 U | 1710 UJ |
| 1,4-Dinitrobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| 1-Chloronaphthalene | ug/kg | | 55 U | 53 U | 62 U | |
| 1-Naphthylamine | ug/kg | | 55 U | 53 U | 62 U | |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | 55 U | 53 U | 62 U | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 55 U | 53 U | 62 U | 1710 UJ |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 55 U | 53 U | 62 U | 1710 UJ |
| 2,4-Dichlorophenol | ug/kg | 1000 | 55 U | 53 U | 62 U | 1710 UJ |
| 2,4-Dimethylphenol | ug/kg | 9000 | 55 U | 53 U | 62 U | 1710 UJ |
| 2,4-Dinitrophenol | ug/kg | 200 | 190 U | 180 U | 210 U | 8290 UJ |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 55 U | 53 U | 62 U | 1710 UJ |
| 2,6-Dichlorophenol | ug/kg | | 55 U | 53 U | 62 U | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 55 U | 53 U | 62 U | 1710 UJ |
| 2-Chloronaphthalene | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| 2-Chlorophenol | ug/kg | 4000 | 55 U | 53 U | 62 U | 1710 UJ |
| 2-Methylnaphthalene | ug/kg | | 1100 | 53 U | 160 | 171 J |
| 2-Methylphenol | ug/kg | 15000 | 55 U | 53 U | 62 U | 1710 UJ |
| 2-Naphthylamine | ug/kg | | 55 U | 53 U | 62 U | |
| 2-Nitroaniline | ug/kg | | 55 U | 53 U | 62 U | 8290 UJ |
| 2-Nitrophenol | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| 2-Picoline | ug/kg | | 55 U | 53 U | 62 U | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 55 U | 53 U | 62 U | 3420 UJ |
| 3-Nitroaniline | ug/kg | | 55 U | 53 U | 62 U | 8290 UJ |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 360 U | 350 U | 410 U | 8290 UJ |
| 4-Bromophenyl-phenylether | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| 4-Chloro-3-methylphenol | ug/kg | | 55 U | 53 U | 62 U | 3420 UJ |
| 4-Chloroaniline | ug/kg | 700 | 55 U | 53 U | 62 U | 3420 UJ |
| 4-Chlorophenyl-phenylether | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| 4-Methylphenol | ug/kg | | 55 U | 53 U | 62 U | 3420 UJ |
| 4-Nitroaniline | ug/kg | | 55 U | 53 U | 62 U | 8290 UJ |
| 4-Nitrobiphenyl | ug/kg | | 55 U | 53 U | 62 U | |
| 4-Nitrophenol | ug/kg | | 55 U | 53 U | 62 U | 8290 UJ |
| 5-Nitroacenaphthene | ug/kg | | 55 U | 53 U | 62 U | |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | 55 U | 53 U | 62 U | |
| Acenaphthene | ug/kg | 570000 | 55 U | 53 U | 62 U | 53.1 J |
| Acenaphthylene | ug/kg | | 55 U | 53 U | 62 U | 66.0 J |
| Acetophenone | ug/kg | | 55 U | 53 U | 62 U | |
| Anthracene | ug/kg | 1.2E+07 | 55 U | 53 U | 62 U | 33.2 J |
| Azobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| Benzo(a)anthracene | ug/kg | 2000 | 55 U | 53 U | 62 U | 66.0 J |
| Benzo(a)pyrene | ug/kg | 8000 | 55 U | 53 U | 62 U | 89.3 J |
| Benzo(b)fluoranthene | ug/kg | 5000 | 55 U | 53 U | 62 U | 127 J |
| Benzo(g,h,i)perylene | ug/kg | | 55 U | 53 U | 62 U | 192 J |
| Benzo(k)fluoranthene | ug/kg | 49000 | 55 U | 53 U | 62 U | 56.9 J |

**Table 2**
**IEPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | X110C | X111A | X111B | IMW-101 (1-3) |
|---|---|---|---|---|---|---|
| Sample Date | | | 5/22/2013 | 5/22/2013 | 5/22/2013 | 9/9/2013 |
| Station Name | | | GP-110 | GP-111 | GP-111 | IMW-101 |
| bis(2-Chloroethoxy)methane | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 55 U | 53 U | 62 U | 1710 UJ |
| bis(2-Chloroisopropyl)ether | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 190 U | 180 U | 210 U | 1710 UJ |
| Butyl benzyl phthalate | ug/kg | 930000 | 55 U | 53 U | 62 U | 1710 UJ |
| Carbazole | ug/kg | 600 | 55 U | 53 U | 62 U | 1710 UJ |
| Chrysene | ug/kg | 160000 | 55 U | 53 U | 62 U | 90.8 J |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 55 U | 53 U | 62 U | 52.0 UJ |
| Dibenzofuran | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| Diethylphthalate | ug/kg | 470000 | 55 U | 53 U | 62 U | 1710 UJ |
| Dimethyl phthalate | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 55 U | 53 U | 62 U | 1710 UJ |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 55 U | 53 U | 62 U | 1710 UJ |
| Diphenylamine | ug/kg | | 55 U | 53 U | 62 U | |
| Ethyl methanesulfonate | ug/kg | | 55 U | 53 U | 62 U | |
| Fluoranthene | ug/kg | 4300000 | 55 U | 53 U | 62 U | 145 J |
| Fluorene | ug/kg | 560000 | 55 U | 53 U | 62 U | 42.4 J |
| Hexachlorobenzene | ug/kg | 2000 | 55 U | 53 U | 62 U | 1710 UJ |
| Hexachlorobutadiene | ug/kg | | 55 U | 53 U | 62 U | 1710 UJ |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 190 U | 180 U | 210 U | 1710 UJ |
| Hexachloroethane | ug/kg | 500 | 55 U | 53 U | 62 U | 1710 UJ |
| Hexachloropropene | ug/kg | | 55 U | 53 U | 62 U | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 55 U | 53 U | 62 U | 68.3 J |
| Isodrin | ug/kg | | 55 U | 53 U | 62 U | |
| Isophorone | ug/kg | 8000 | 55 U | 53 U | 62 U | 1710 UJ |
| Isosafrole | ug/kg | | 55 U | 53 U | 62 U | |
| Mestranol | ug/kg | | 55 U | 53 U | 62 U | |
| Methyl methanesulfonate | ug/kg | | 55 U | 53 U | 62 U | |
| Naphthalene | ug/kg | 12000 | 1300 | 53 U | 370 | 54.2 J |
| Nitrobenzene | ug/kg | 100 | 55 U | 53 U | 62 U | 1710 UJ |
| N-Nitrosodi-n-butylamine | ug/kg | | 55 U | 53 U | 62 U | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 55 U | 53 U | 62 U | 1710 UJ |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | 1710 UJ |
| N-Nitrosopiperidine | ug/kg | | 55 U | 53 U | 62 U | |
| p-Dimethylaminoazobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| Pentachlorobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| Pentachloronitrobenzene | ug/kg | | 55 U | 53 U | 62 U | |
| Pentachlorophenol | ug/kg | 30 | 550 U | 530 U | 620 U | 8290 UJ |
| Phenacetin | ug/kg | | 55 U | 53 U | 62 U | |
| Phenanthrene | ug/kg | | 70 | 53 U | 62 U | 98.9 J |
| Phenol | ug/kg | 100000 | 55 U | 53 U | 62 U | 1710 UJ |
| Pronamide | ug/kg | | 55 U | 53 U | 62 U | |
| Pyrene | ug/kg | 4200000 | 55 U | 53 U | 62 U | 206 J |
| Pyridine | ug/kg | | 55 U | 53 U | 62 U | |
| Safrole | ug/kg | | 55 U | 53 U | 62 U | |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | IMW-101 (18-20) | IMW-102 (5-6) | IMW-102 (17-18) |
|---|---|---|---|---|---|
| Sample Date | | | 9/9/2013 | 9/10/2013 | 9/10/2013 |
| Station Name | | | IMW-101 | IMW-102 | IMW-102 |
| **SVOCs** | | | | | |
| 1,1-Biphenyl | ug/kg | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 375 UJ | 400 UJ | 348 UJ |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 375 UJ | 400 UJ | 348 UJ |
| 1,2-Dinitrobenzene | ug/kg | | | | |
| 1,3-Dichlorobenzene | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| 1,3-Dinitrobenzene | ug/kg | | | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 375 UJ | 400 UJ | 348 UJ |
| 1,4-Dinitrobenzene | ug/kg | | | | |
| 1-Chloronaphthalene | ug/kg | | | | |
| 1-Naphthylamine | ug/kg | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 375 UJ | 400 UJ | 348 UJ |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 375 UJ | 400 UJ | 348 UJ |
| 2,4-Dichlorophenol | ug/kg | 1000 | 375 UJ | 400 UJ | 348 UJ |
| 2,4-Dimethylphenol | ug/kg | 9000 | 375 UJ | 400 UJ | 348 UJ |
| 2,4-Dinitrophenol | ug/kg | 200 | 1820 UJ | 1940 UJ | 1690 UJ |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 375 UJ | 400 UJ | 348 UJ |
| 2,6-Dichlorophenol | ug/kg | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 375 UJ | 400 UJ | 348 UJ |
| 2-Chloronaphthalene | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| 2-Chlorophenol | ug/kg | 4000 | 375 UJ | 400 UJ | 348 UJ |
| 2-Methylnaphthalene | ug/kg | | 812 J | 6.0 UJ | 5.3 UJ |
| 2-Methylphenol | ug/kg | 15000 | 375 UJ | 400 UJ | 348 UJ |
| 2-Naphthylamine | ug/kg | | | | |
| 2-Nitroaniline | ug/kg | | 1820 UJ | 1940 UJ | 1690 UJ |
| 2-Nitrophenol | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| 2-Picoline | ug/kg | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 750 UJ | 800 UJ | 696 UJ |
| 3-Nitroaniline | ug/kg | | 1820 UJ | 1940 UJ | 1690 UJ |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 1820 UJ | 1940 UJ | 1690 UJ |
| 4-Bromophenyl-phenylether | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| 4-Chloro-3-methylphenol | ug/kg | | 750 UJ | 800 UJ | 696 UJ |
| 4-Chloroaniline | ug/kg | 700 | 750 UJ | 800 UJ | 696 UJ |
| 4-Chlorophenyl-phenylether | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| 4-Methylphenol | ug/kg | | 750 UJ | 800 UJ | 696 UJ |
| 4-Nitroaniline | ug/kg | | 1820 UJ | 1940 UJ | 1690 UJ |
| 4-Nitrobiphenyl | ug/kg | | | | |
| 4-Nitrophenol | ug/kg | | 1820 UJ | 1940 UJ | 1690 UJ |
| 5-Nitroacenaphthene | ug/kg | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | | | |
| Acenaphthene | ug/kg | 570000 | 5.9 J | 6.0 UJ | 5.3 UJ |
| Acenaphthylene | ug/kg | | 5.8 UJ | 6.0 UJ | 5.3 UJ |
| Acetophenone | ug/kg | | | | |
| Anthracene | ug/kg | 1.2E+07 | 4.3 J | 6.0 UJ | 5.3 UJ |
| Azobenzene | ug/kg | | | | |
| Benzo(a)anthracene | ug/kg | 2000 | 5.8 UJ | 3.4 J | 5.3 UJ |
| Benzo(a)pyrene | ug/kg | 8000 | 5.8 UJ | 3.4 J | 5.3 UJ |
| Benzo(b)fluoranthene | ug/kg | 5000 | 5.8 UJ | 3.7 J | 5.3 UJ |
| Benzo(g,h,i)perylene | ug/kg | | 5.8 UJ | 3.5 J | 5.3 UJ |
| Benzo(k)fluoranthene | ug/kg | 49000 | 5.8 UJ | 3.5 J | 5.3 UJ |

**Table 2**
**IEPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | IMW-101 (18-20) | IMW-102 (5-6) | IMW-102 (17-18) |
|---|---|---|---|---|---|
| Sample Date | | | 9/9/2013 | 9/10/2013 | 9/10/2013 |
| Station Name | | | IMW-101 | IMW-102 | IMW-102 |
| bis(2-Chloroethoxy)methane | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 375 UJ | 400 UJ | 348 UJ |
| bis(2-Chloroisopropyl)ether | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 375 UJ | 400 UJ | 348 UJ |
| Butyl benzyl phthalate | ug/kg | 930000 | 375 UJ | 400 UJ | 348 UJ |
| Carbazole | ug/kg | 600 | 375 UJ | 400 UJ | 348 UJ |
| Chrysene | ug/kg | 160000 | 5.8 UJ | 4.3 J | 5.3 UJ |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 5.8 UJ | 6.0 UJ | 5.3 UJ |
| Dibenzofuran | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| Diethylphthalate | ug/kg | 470000 | 375 UJ | 400 UJ | 348 UJ |
| Dimethyl phthalate | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 375 UJ | 400 UJ | 348 UJ |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 375 UJ | 400 UJ | 348 UJ |
| Diphenylamine | ug/kg | | | | |
| Ethyl methanesulfonate | ug/kg | | | | |
| Fluoranthene | ug/kg | 4300000 | 5.7 J | 6.6 J | 5.3 UJ |
| Fluorene | ug/kg | 560000 | 17.1 J | 6.0 UJ | 5.3 UJ |
| Hexachlorobenzene | ug/kg | 2000 | 375 UJ | 400 UJ | 348 UJ |
| Hexachlorobutadiene | ug/kg | | 375 UJ | 400 UJ | 348 UJ |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 375 UJ | 400 UJ | 348 UJ |
| Hexachloroethane | ug/kg | 500 | 375 UJ | 400 UJ | 348 UJ |
| Hexachloropropene | ug/kg | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 5.8 UJ | 6.0 UJ | 5.3 UJ |
| Isodrin | ug/kg | | | | |
| Isophorone | ug/kg | 8000 | 375 UJ | 400 UJ | 348 UJ |
| Isosafrole | ug/kg | | | | |
| Mestranol | ug/kg | | | | |
| Methyl methanesulfonate | ug/kg | | | | |
| Naphthalene | ug/kg | 12000 | 562 J | 6.0 UJ | 5.3 UJ |
| Nitrobenzene | ug/kg | 100 | 375 UJ | 400 UJ | 348 UJ |
| N-Nitrosodi-n-butylamine | ug/kg | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 375 UJ | 400 UJ | 348 UJ |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 375 UJ | 400 UJ | 348 UJ |
| N-Nitrosopiperidine | ug/kg | | | | |
| p-Dimethylaminoazobenzene | ug/kg | | | | |
| Pentachlorobenzene | ug/kg | | | | |
| Pentachloronitrobenzene | ug/kg | | | | |
| Pentachlorophenol | ug/kg | 30 | 1820 UJ | 1940 UJ | 1690 UJ |
| Phenacetin | ug/kg | | | | |
| Phenanthrene | ug/kg | | 30.3 J | 7.1 J | 3.0 J |
| Phenol | ug/kg | 100000 | 375 UJ | 400 UJ | 348 UJ |
| Pronamide | ug/kg | | | | |
| Pyrene | ug/kg | 4200000 | 9.8 J | 5.8 J | 5.3 UJ |
| Pyridine | ug/kg | | | | |
| Safrole | ug/kg | | | | |

# Table 2
# IEPA Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | IMW-103 (1-3) | IMW-103 (18-20) | IMW-104 (1-3) |
|---|---|---|---|---|---|
| Sample Date | | | 9/11/2013 | 9/11/2013 | 9/10/2013 |
| Station Name | | | IMW-103 | IMW-103 | IMW-104 |
| **SVOCs** | | | | | |
| 1,1-Biphenyl | ug/kg | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 383 UJ | 358 UJ | 385 UJ |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 383 UJ | 358 UJ | 385 UJ |
| 1,2-Dinitrobenzene | ug/kg | | | | |
| 1,3-Dichlorobenzene | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| 1,3-Dinitrobenzene | ug/kg | | | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 383 UJ | 358 UJ | 385 UJ |
| 1,4-Dinitrobenzene | ug/kg | | | | |
| 1-Chloronaphthalene | ug/kg | | | | |
| 1-Naphthylamine | ug/kg | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 383 UJ | 358 UJ | 385 UJ |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 383 UJ | 358 UJ | 385 UJ |
| 2,4-Dichlorophenol | ug/kg | 1000 | 383 UJ | 358 UJ | 385 UJ |
| 2,4-Dimethylphenol | ug/kg | 9000 | 383 UJ | 358 UJ | 385 UJ |
| 2,4-Dinitrophenol | ug/kg | 200 | 1860 UJ | 1730 UJ | 1870 UJ |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 383 UJ | 358 UJ | 385 UJ |
| 2,6-Dichlorophenol | ug/kg | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 383 UJ | 358 UJ | 385 UJ |
| 2-Chloronaphthalene | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| 2-Chlorophenol | ug/kg | 4000 | 383 UJ | 358 UJ | 385 UJ |
| 2-Methylnaphthalene | ug/kg | | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| 2-Methylphenol | ug/kg | 15000 | 383 UJ | 358 UJ | 385 UJ |
| 2-Naphthylamine | ug/kg | | | | |
| 2-Nitroaniline | ug/kg | | 1860 UJ | 1730 UJ | 1870 UJ |
| 2-Nitrophenol | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| 2-Picoline | ug/kg | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 766 UJ | 715 UJ | 770 UJ |
| 3-Nitroaniline | ug/kg | | 1860 UJ | 1730 UJ | 1870 UJ |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 1860 UJ | 1730 UJ | 1870 UJ |
| 4-Bromophenyl-phenylether | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| 4-Chloro-3-methylphenol | ug/kg | | 766 UJ | 715 UJ | 770 UJ |
| 4-Chloroaniline | ug/kg | 700 | 766 UJ | 715 UJ | 770 UJ |
| 4-Chlorophenyl-phenylether | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| 4-Methylphenol | ug/kg | | 766 UJ | 715 UJ | 770 UJ |
| 4-Nitroaniline | ug/kg | | 1860 UJ | 1730 UJ | 1870 UJ |
| 4-Nitrobiphenyl | ug/kg | | | | |
| 4-Nitrophenol | ug/kg | | 1860 UJ | 1730 UJ | 1870 UJ |
| 5-Nitroacenaphthene | ug/kg | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | | | |
| Acenaphthene | ug/kg | 570000 | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| Acenaphthylene | ug/kg | | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| Acetophenone | ug/kg | | | | |
| Anthracene | ug/kg | 1.2E+07 | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| Azobenzene | ug/kg | | | | |
| Benzo(a)anthracene | ug/kg | 2000 | 8.6 J | 5.4 UJ | 3.2 J |
| Benzo(a)pyrene | ug/kg | 8000 | 9.1 J | 5.4 UJ | 5.8 UJ |
| Benzo(b)fluoranthene | ug/kg | 5000 | 13.1 J | 5.4 UJ | 3.7 J |
| Benzo(g,h,i)perylene | ug/kg | | 9.0 J | 5.4 UJ | 5.8 UJ |
| Benzo(k)fluoranthene | ug/kg | 49000 | 10.7 J | 5.4 UJ | 5.8 UJ |

**Table 2**
**IEPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | IMW-103 (1-3) | IMW-103 (18-20) | IMW-104 (1-3) |
|---|---|---|---|---|---|
| Sample Date | | | 9/11/2013 | 9/11/2013 | 9/10/2013 |
| Station Name | | | IMW-103 | IMW-103 | IMW-104 |
| bis(2-Chloroethoxy)methane | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 383 UJ | 358 UJ | 385 UJ |
| bis(2-Chloroisopropyl)ether | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 383 UJ | 358 UJ | 385 UJ |
| Butyl benzyl phthalate | ug/kg | 930000 | 383 UJ | 358 UJ | 385 UJ |
| Carbazole | ug/kg | 600 | 383 UJ | 358 UJ | 385 UJ |
| Chrysene | ug/kg | 160000 | 14.2 J | 5.4 UJ | 4.1 J |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| Dibenzofuran | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| Diethylphthalate | ug/kg | 470000 | 383 UJ | 358 UJ | 385 UJ |
| Dimethyl phthalate | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 383 UJ | 358 UJ | 385 UJ |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 383 UJ | 358 UJ | 385 UJ |
| Diphenylamine | ug/kg | | | | |
| Ethyl methanesulfonate | ug/kg | | | | |
| Fluoranthene | ug/kg | 4300000 | 24.1 J | 5.4 UJ | 5.8 J |
| Fluorene | ug/kg | 560000 | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| Hexachlorobenzene | ug/kg | 2000 | 383 UJ | 358 UJ | 385 UJ |
| Hexachlorobutadiene | ug/kg | | 383 UJ | 358 UJ | 385 UJ |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 383 UJ | 358 UJ | 385 UJ |
| Hexachloroethane | ug/kg | 500 | 383 UJ | 358 UJ | 385 UJ |
| Hexachloropropene | ug/kg | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 7.5 J | 5.4 UJ | 5.8 UJ |
| Isodrin | ug/kg | | | | |
| Isophorone | ug/kg | 8000 | 383 UJ | 358 UJ | 385 UJ |
| Isosafrole | ug/kg | | | | |
| Mestranol | ug/kg | | | | |
| Methyl methanesulfonate | ug/kg | | | | |
| Naphthalene | ug/kg | 12000 | 5.9 UJ | 5.4 UJ | 5.8 UJ |
| Nitrobenzene | ug/kg | 100 | 383 UJ | 358 UJ | 385 UJ |
| N-Nitrosodi-n-butylamine | ug/kg | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 383 UJ | 358 UJ | 385 UJ |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 383 UJ | 358 UJ | 385 UJ |
| N-Nitrosopiperidine | ug/kg | | | | |
| p-Dimethylaminoazobenzene | ug/kg | | | | |
| Pentachlorobenzene | ug/kg | | | | |
| Pentachloronitrobenzene | ug/kg | | | | |
| Pentachlorophenol | ug/kg | 30 | 1860 UJ | 1730 UJ | 1870 UJ |
| Phenacetin | ug/kg | | | | |
| Phenanthrene | ug/kg | | 12.2 J | 5.4 UJ | 5.8 UJ |
| Phenol | ug/kg | 100000 | 383 UJ | 358 UJ | 385 UJ |
| Pronamide | ug/kg | | | | |
| Pyrene | ug/kg | 4200000 | 18.4 J | 5.4 UJ | 5.4 J |
| Pyridine | ug/kg | | | | |
| Safrole | ug/kg | | | | |

**Table 2**
**IEPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | IMW-104 (18-20) |
|---|---|---|---|
| Sample Date | | | 9/10/2013 |
| Station Name | | | IMW-104 |
| **SVOCs** | | | |
| 1,1-Biphenyl | ug/kg | | |
| 1,2,4,5-Tetrachlorobenzene | ug/kg | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 404 UJ |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 404 UJ |
| 1,2-Dinitrobenzene | ug/kg | | |
| 1,3-Dichlorobenzene | ug/kg | | 404 UJ |
| 1,3-Dinitrobenzene | ug/kg | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 404 UJ |
| 1,4-Dinitrobenzene | ug/kg | | |
| 1-Chloronaphthalene | ug/kg | | |
| 1-Naphthylamine | ug/kg | | |
| 2,3,4,6-Tetrachlorophenol | ug/kg | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 404 UJ |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 404 UJ |
| 2,4-Dichlorophenol | ug/kg | 1000 | 404 UJ |
| 2,4-Dimethylphenol | ug/kg | 9000 | 404 UJ |
| 2,4-Dinitrophenol | ug/kg | 200 | 1960 UJ |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 404 UJ |
| 2,6-Dichlorophenol | ug/kg | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 404 UJ |
| 2-Chloronaphthalene | ug/kg | | 404 UJ |
| 2-Chlorophenol | ug/kg | 4000 | 404 UJ |
| 2-Methylnaphthalene | ug/kg | | 6.2 UJ |
| 2-Methylphenol | ug/kg | 15000 | 404 UJ |
| 2-Naphthylamine | ug/kg | | |
| 2-Nitroaniline | ug/kg | | 1960 UJ |
| 2-Nitrophenol | ug/kg | | 404 UJ |
| 2-Picoline | ug/kg | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 808 UJ |
| 3-Nitroaniline | ug/kg | | 1960 UJ |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 1960 UJ |
| 4-Bromophenyl-phenylether | ug/kg | | 404 UJ |
| 4-Chloro-3-methylphenol | ug/kg | | 808 UJ |
| 4-Chloroaniline | ug/kg | 700 | 808 UJ |
| 4-Chlorophenyl-phenylether | ug/kg | | 404 UJ |
| 4-Methylphenol | ug/kg | | 808 UJ |
| 4-Nitroaniline | ug/kg | | 1960 UJ |
| 4-Nitrobiphenyl | ug/kg | | |
| 4-Nitrophenol | ug/kg | | 1960 UJ |
| 5-Nitroacenaphthene | ug/kg | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/kg | | |
| Acenaphthene | ug/kg | 570000 | 6.2 UJ |
| Acenaphthylene | ug/kg | | 6.2 UJ |
| Acetophenone | ug/kg | | |
| Anthracene | ug/kg | 1.2E+07 | 6.2 UJ |
| Azobenzene | ug/kg | | |
| Benzo(a)anthracene | ug/kg | 2000 | 6.2 UJ |
| Benzo(a)pyrene | ug/kg | 8000 | 6.2 UJ |
| Benzo(b)fluoranthene | ug/kg | 5000 | 6.2 UJ |
| Benzo(g,h,i)perylene | ug/kg | | 6.2 UJ |
| Benzo(k)fluoranthene | ug/kg | 49000 | 6.2 UJ |

**Table 2**
**IEPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | IMW-104 (18-20) |
|---|---|---|---|
| Sample Date | | | 9/10/2013 |
| Station Name | | | IMW-104 |
| bis(2-Chloroethoxy)methane | ug/kg | | 404 UJ |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 404 UJ |
| bis(2-Chloroisopropyl)ether | ug/kg | | 404 UJ |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 404 UJ |
| Butyl benzyl phthalate | ug/kg | 930000 | 404 UJ |
| Carbazole | ug/kg | 600 | 404 UJ |
| Chrysene | ug/kg | 160000 | 6.2 UJ |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 6.2 UJ |
| Dibenzofuran | ug/kg | | 404 UJ |
| Diethylphthalate | ug/kg | 470000 | 404 UJ |
| Dimethyl phthalate | ug/kg | | 404 UJ |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 404 UJ |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 404 UJ |
| Diphenylamine | ug/kg | | |
| Ethyl methanesulfonate | ug/kg | | |
| Fluoranthene | ug/kg | 4300000 | 6.2 UJ |
| Fluorene | ug/kg | 560000 | 6.2 UJ |
| Hexachlorobenzene | ug/kg | 2000 | 404 UJ |
| Hexachlorobutadiene | ug/kg | | 404 UJ |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 404 UJ |
| Hexachloroethane | ug/kg | 500 | 404 UJ |
| Hexachloropropene | ug/kg | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 6.2 UJ |
| Isodrin | ug/kg | | |
| Isophorone | ug/kg | 8000 | 404 UJ |
| Isosafrole | ug/kg | | |
| Mestranol | ug/kg | | |
| Methyl methanesulfonate | ug/kg | | |
| Naphthalene | ug/kg | 12000 | 6.2 UJ |
| Nitrobenzene | ug/kg | 100 | 404 UJ |
| N-Nitrosodi-n-butylamine | ug/kg | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 404 UJ |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 404 UJ |
| N-Nitrosopiperidine | ug/kg | | |
| p-Dimethylaminoazobenzene | ug/kg | | |
| Pentachlorobenzene | ug/kg | | |
| Pentachloronitrobenzene | ug/kg | | |
| Pentachlorophenol | ug/kg | 30 | 1960 UJ |
| Phenacetin | ug/kg | | |
| Phenanthrene | ug/kg | | 6.2 UJ |
| Phenol | ug/kg | 100000 | 404 UJ |
| Pronamide | ug/kg | | |
| Pyrene | ug/kg | 4200000 | 6.2 UJ |
| Pyridine | ug/kg | | |
| Safrole | ug/kg | | |

# Table 3
## IEPA Soil Data - Metals
## Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | X101A | X101B | X103A | X103B | X104A | X105 | X106B | X106A | X107C | X107A | X107B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/20/2013 | 5/20/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 | 5/21/2013 |
| Station Name | | | GP-101 | GP-101 | GP-103 | GP-103 | GP-104 | GP-105 | GP-106 | GP-106 | GP-107 | GP-107 | GP-107 |
| **Metals-Total** | | | | | | | | | | | | | |
| Aluminum, Total | mg/kg | | 15000 | 20100 | 2560 | 2800 | 1980 | 1850 | 1940 | 2380 | 1760 | 2750 | 2080 |
| Antimony, Total | mg/kg | 5 | 2.33 U | 2.49 U | 2.2 U | 2.22 U | 2.34 U | 2.37 U | 2.25 U | 2.22 U | 2.36 U | 2.13 U | 2.2 U |
| Arsenic, Total | mg/kg | 29 | 2.33 U | 2.49 U | 2.2 U | 2.22 U | 2.34 U | 2.37 U | 2.44 | 2.22 U | 2.36 U | 2.13 U | 2.2 U |
| Barium, Total | mg/kg | 1700 | 54 | 67.2 | 10.6 | 14.2 | 8.28 | 9.13 | 8.77 | 10.3 | 9.46 | 17.9 | 6.24 |
| Beryllium, Total | mg/kg | 140 | 0.45 | 0.67 | 0.11 U | 0.11 U | 0.12 U | 0.12 U | 0.11 U | 0.11 U | 0.12 U | 0.11 U | 0.11 U |
| Boron | mg/kg | | 24.4 | 32.1 | 7.08 | 6.19 | 5.85 U | 5.94 U | 5.63 U | 10.1 | 5.9 U | 10.5 | 5.98 |
| Cadmium, Total | mg/kg | 11 | 6.25 | 5.74 | 2.39 | 1.76 | 0.93 | 1.4 | 2.52 | 3.14 | 1.82 | 3.72 | 1.65 |
| Calcium, Total | mg/kg | | 43100 | 49100 | 57800 | 41800 | 26900 | 31900 | 34800 | 85100 | 32000 | 66400 | 64800 |
| Chromium, Total | mg/kg | | 19.6 | 28.2 | 8.55 | 13.1 | 3.66 | 4.19 | 4.98 | 5.08 | 4.08 | 6.4 | 6.53 |
| Cobalt, Total | mg/kg | | 7.47 | 10.7 | 1.93 | 2.03 | 1.27 | 1.84 | 2.47 | 2.43 | 2.15 | 3.87 | 1.73 |
| Copper, Total | mg/kg | 200000 | 16.5 | 24.1 | 4.81 | 6.32 | 3.81 | 3.83 | 5.66 | 5.72 | 4.59 | 9 | 4.2 |
| Iron, Total | mg/kg | | 20400 | 17400 | 7800 | 5520 | 2910 | 4520 | 8480 | 9090 | 5780 | 10700 | 4830 |
| Lead, Total | mg/kg | 107 | 36.7 | 8.71 | 14.3 | 19.2 | 1.29 | 1.91 | 1.9 | 5.24 | 1.78 | 1.97 | 1.49 |
| Magnesium, Total | mg/kg | | 24000 | 26500 | 31900 | 18600 | 13000 | 14900 | 21400 | 43000 | 16100 | 50300 | 28800 |
| Manganese, Total | mg/kg | | 345 | 361 | 252 | 166 | 80.6 | 119 | 174 | 311 | 175 | 782 | 160 |
| Nickel, Total | mg/kg | 180 | 19.3 | 32 | 5.15 | 5.9 | 2.97 | 4.94 | 4.54 | 5.46 | 4.88 | 9.55 | 5.1 |
| Potassium, Total | mg/kg | | 3720 | 5350 | 659 | 780 | 505 | 445 | 446 | 563 | 395 | 780 | 499 |
| Selenium, Total | mg/kg | 4.5 | 2.33 U | 2.49 U | 2.2 U | 2.22 U | 2.34 U | 2.37 U | 2.25 U | 2.22 U | 2.36 U | 2.13 U | 2.2 U |
| Silver, Total | mg/kg | 13 | 0.58 U | 0.62 U | 0.55 U | 0.56 U | 0.58 U | 0.59 U | 0.56 U | 0.55 U | 0.59 U | 0.53 U | 0.55 U |
| Sodium, Total | mg/kg | | 233 U | 279 | 220 U | 222 U | 234 U | 237 U | 225 U | 222 U | 236 U | 213 U | 220 U |
| Strontium | mg/kg | | 29.3 | 40.8 | 23.5 | 22.9 | 12.6 | 15.4 | 13 | 33.2 | 15.5 | 32.8 | 34 |
| Thallium, Total | mg/kg | 3 | 2.33 U | 2.49 U | 2.2 U | 2.22 U | 2.34 U | 2.37 U | 2.25 U | 2.22 U | 2.36 U | 2.13 U | 2.2 U |
| Vanadium, Total | mg/kg | 980 | 26.9 | 33.8 | 8.38 | 9.35 | 5.74 | 6.9 | 14 | 17.1 | 10.5 | 13.6 | 6.28 |
| Zinc, Total | mg/kg | 7500 | 48.8 | 60.3 | 14.1 | 16.3 | 8.23 | 25.5 | 19 | 43.5 | 17.1 | 29.2 | 15.3 |

**Table 3**
**IEPA Soil Data - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | X158A | X108A | X108B | X109 | X110A | X110B | X110C | X111A | X111B | IMW-101 (1-3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 9/9/2013 |
| Station Name | | | GP-108 | GP-108 | GP-108 | GP-109 | GP-110 | GP-110 | GP-110 | GP-111 | GP-111 | IMW-101 |
| **Metals-Total** | | | | | | | | | | | | |
| Aluminum, Total | mg/kg | | 7320 | 16900 | 2740 | 1400 | 5730 | 6500 | 2300 | 14600 | 5030 | |
| Antimony, Total | mg/kg | 5 | 2.4 U | 2.42 U | 2.16 U | 2.3 U | 2.25 U | 2.35 U | 2.21 U | 2.12 U | 2.49 U | |
| Arsenic, Total | mg/kg | 29 | 2.4 U | 2.42 U | 2.16 U | 2.3 U | 10.2 | 2.35 U | 2.21 U | 2.12 U | 2.49 U | |
| Barium, Total | mg/kg | 1700 | 29.4 | 68 | 11.3 | 9.14 | 77.7 | 65.3 | 8.49 | 48 | 25.4 | |
| Beryllium, Total | mg/kg | 140 | 0.15 | 0.49 | 0.11 U | 0.12 U | 1.14 | 0.18 | 0.11 U | 0.43 | 0.12 U | |
| Boron | mg/kg | | 13.1 | 26.4 | 8.4 | 5.76 U | 42.6 | 12.3 | 8.97 | 22.3 | 13.9 | |
| Cadmium, Total | mg/kg | 11 | 3.46 | 6.78 | 2.85 | 1.33 | 8.93 | 2.16 | 2.35 | 4.38 | 3.73 | |
| Calcium, Total | mg/kg | | 53200 | 51900 | 59900 | 39700 | 49200 | 31400 | 59000 | 40400 | 84500 | |
| Chromium, Total | mg/kg | | 11.3 | 22.8 | 4.63 | 3.32 | 14.9 | 9.03 | 4.92 | 20.2 | 7.22 | |
| Cobalt, Total | mg/kg | | 4.83 | 9.63 | 2.9 | 2.13 | 8.69 | 2.65 | 1.67 | 8.04 | 4.2 | |
| Copper, Total | mg/kg | 200000 | 14.6 | 22.5 | 7.74 | 4.05 | 44 | 10.4 | 4.82 | 17 | 10.6 | |
| Iron, Total | mg/kg | | 11300 | 21400 | 8450 | 3370 | 25800 | 7230 | 7300 | 14400 | 11400 | |
| Lead, Total | mg/kg | 107 | 10.6 | 9.74 | 8.15 | 6.62 | 156 | 10.9 | 5.34 | 6.12 | 2.53 | 46.5 J |
| Magnesium, Total | mg/kg | | 28500 | 28200 | 34100 | 15800 | 25400 | 16000 | 31400 | 21600 | 46400 | |
| Manganese, Total | mg/kg | | 314 | 550 | 271 | 363 | 370 | 133 | 176 | 278 | 360 | |
| Nickel, Total | mg/kg | 180 | 14.3 | 34.9 | 6.78 | 5.35 | 25 | 7.59 | 4.09 | 22.2 | 9.59 | |
| Potassium, Total | mg/kg | | 1700 | 4070 | 646 | 390 | 918 | 1730 | 676 | 3780 | 1370 | |
| Selenium, Total | mg/kg | 4.5 | 2.4 U | 2.42 U | 2.16 U | 2.3 U | 2.25 U | 2.35 U | 2.21 U | 2.12 U | 2.49 U | |
| Silver, Total | mg/kg | 13 | 0.6 U | 0.61 U | 0.54 U | 0.58 U | 0.56 U | 0.59 U | 0.55 U | 0.53 U | 0.62 U | |
| Sodium, Total | mg/kg | | 240 U | 271 | 216 U | 230 U | 296 | 235 U | 221 U | 269 | 283 | |
| Strontium | mg/kg | | 27 | 36.1 | 26.3 | 19.2 | 32.8 | 18.3 | 26 | 31.3 | 36.8 | |
| Thallium, Total | mg/kg | 3 | 2.4 U | 2.42 U | 2.16 U | 2.3 U | 2.25 U | 2.35 U | 2.21 U | 2.12 U | 2.49 U | |
| Vanadium, Total | mg/kg | 980 | 24.7 | 36.8 | 7.29 | 5.38 | 17.3 | 13.2 | 15.2 | 24.4 | 13.9 | |
| Zinc, Total | mg/kg | 7500 | 30.7 | 58.3 | 23.1 | 18.2 | 179 | 29 | 22.8 | 44.3 | 38.7 | |

**Table 3**
**IEPA Soil Data - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | IMW-101 (18-20) | IMW-102 (5-6) | IMW-102 (17-18) | IMW-103 (1-3) | IMW-103 (18-20) | IMW-104 (1-3) | IMW-104 (18-20) |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 9/9/2013 | 9/10/2013 | 9/10/2013 | 9/11/2013 | 9/11/2013 | 9/10/2013 | 9/10/2013 |
| Station Name | | | IMW-101 | IMW-102 | IMW-102 | IMW-103 | IMW-103 | IMW-104 | IMW-104 |
| **Metals-Total** | | | | | | | | | |
| Aluminum, Total | mg/kg | | | | | | | | |
| Antimony, Total | mg/kg | 5 | | | | | | | |
| Arsenic, Total | mg/kg | 29 | | | | | | | |
| Barium, Total | mg/kg | 1700 | | | | | | | |
| Beryllium, Total | mg/kg | 140 | | | | | | | |
| Boron | mg/kg | | | | | | | | |
| Cadmium, Total | mg/kg | 11 | | | | | | | |
| Calcium, Total | mg/kg | | | | | | | | |
| Chromium, Total | mg/kg | | | | | | | | |
| Cobalt, Total | mg/kg | | | | | | | | |
| Copper, Total | mg/kg | 200000 | | | | | | | |
| Iron, Total | mg/kg | | | | | | | | |
| Lead, Total | mg/kg | 107 | 9.1 J | 12.0 J | 5.0 J | 10.7 J | 4.7 J | 9.1 J | 8.2 J |
| Magnesium, Total | mg/kg | | | | | | | | |
| Manganese, Total | mg/kg | | | | | | | | |
| Nickel, Total | mg/kg | 180 | | | | | | | |
| Potassium, Total | mg/kg | | | | | | | | |
| Selenium, Total | mg/kg | 4.5 | | | | | | | |
| Silver, Total | mg/kg | 13 | | | | | | | |
| Sodium, Total | mg/kg | | | | | | | | |
| Strontium | mg/kg | | | | | | | | |
| Thallium, Total | mg/kg | 3 | | | | | | | |
| Vanadium, Total | mg/kg | 980 | | | | | | | |
| Zinc, Total | mg/kg | 7500 | | | | | | | |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-GP10-16-072312 | WGS-GP16-20-072412D | WGS-GP16-20-072412 |
|---|---|---|---|---|---|
| Sample Date | | | 7/23/2012 | 7/24/2012 | 7/24/2012 |
| Station Name | | | WGS-GP10 | WGS-GP16 | WGS-GP16 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 530 U | 4.3 U | 4.7 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 530 U | 4.3 U | 4.7 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 530 U | 4.3 U | 4.7 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 530 U | 4.3 U | 4.7 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 530 U | 4.3 U | 4.7 U |
| 1,1-Dichloroethene | ug/kg | 60 | 530 U | 4.3 U | 4.7 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 1100 U | 8.5 U* | 9.4 U* |
| 1,2-Dibromoethane | ug/kg | 0.4 | 530 U | 4.3 U | 4.7 U |
| 1,2-Dichloroethane | ug/kg | 20 | 530 U | 4.3 U | 4.7 U |
| 1,2-Dichloropropane | ug/kg | 30 | 530 U | 4.3 U | 4.7 U |
| 2-Hexanone | ug/kg | | 2700 U | 21 U | 24 U |
| 4-Methyl-2-pentanone | ug/kg | | 2700 U | 21 U | 24 U |
| Acetone | ug/kg | 25000 | 5300 U | 17 J | 11 J |
| Benzene | ug/kg | 30 | 530 U | 4.3 U | 4.7 U |
| Bromodichloromethane | ug/kg | 600 | 530 U | 4.3 U | 4.7 U |
| Bromoform | ug/kg | 800 | 530 U | 4.3 U* | 4.7 U* |
| Bromomethane | ug/kg | 200 | 530 U* | 4.3 U | 4.7 U |
| Carbon disulfide | ug/kg | 32000 | 530 U | 4.7 | 1.3 J |
| Carbon tetrachloride | ug/kg | 70 | 530 U | 4.3 U | 4.7 U |
| Chlorobenzene | ug/kg | 1000 | 530 U | 4.3 U | 4.7 U |
| Chloroethane | ug/kg | | 530 U* | 4.3 U | 4.7 U |
| Chloroform | ug/kg | 600 | 530 U | 4.3 U | 4.7 U |
| Chloromethane | ug/kg | | 530 U | 4.3 U | 4.7 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 530 U | 4.3 U | 4.7 U |
| cis-1,3-Dichloropropene | ug/kg | | 530 U | 4.3 U | 4.7 U |
| Cyclohexane | ug/kg | | 1100 U | 8.5 U | 9.4 U |
| Dibromochloromethane | ug/kg | 400 | 530 U | 4.3 U | 4.7 U |
| Dichlorodifluoromethane | ug/kg | | 530 U | 4.3 U | 4.7 U |
| Ethylbenzene | ug/kg | 13000 | 530 U | 4.3 U | 4.7 U |
| Isopropylbenzene (Cumene) | ug/kg | | 430 J | 4.3 U | 4.7 U |
| Methyl Acetate | ug/kg | | 1100 U | 8.5 U | 9.4 U |
| Methyl ethyl ketone | ug/kg | | 2700 U | 21 U | 24 U |
| Methyl tert-butyl ether | ug/kg | 320 | 1100 U | 8.5 U | 9.4 U |
| Methylcyclohexane | ug/kg | | 850 J | 8.5 U | 9.4 U |
| Methylene chloride | ug/kg | 20 | 530 U | 4.3 U | 4.7 U |
| Styrene | ug/kg | 4000 | 530 U | 4.3 U | 4.7 U |
| Tetrachloroethene | ug/kg | 60 | 530 U | 4.3 U | 4.7 U |
| Toluene | ug/kg | 12000 | 530 U | 4.3 U | 4.7 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 530 U | 4.3 U | 4.7 U |
| trans-1,3-Dichloropropene | ug/kg | | 530 U | 4.3 U | 4.7 U |
| Trichloroethene | ug/kg | 60 | 530 U | 4.3 U | 4.7 U |
| Trichlorofluoromethane | ug/kg | | 530 U* | 4.3 U | 4.7 U |
| Vinyl Chloride | ug/kg | 10 | 530 U | 4.3 U | 4.7 U |
| Xylene (Total) | ug/kg | 150000 | 760 J | 2.3 J | 9.4 U |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-TMW6-06-072412 | WGS-TMW8-08-072412 | WGS-GP11-18-072512 |
|---|---|---|---|---|---|
| Sample Date | | | 7/24/2012 | 7/24/2012 | 7/25/2012 |
| Station Name | | | WGS-TMW6 | WGS-TMW8 | WGS-GP11 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4.1 U | 4.7 U | 19000 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4.1 U | 4.7 U | 19000 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 4.1 U | 4.7 U | 19000 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4.1 U | 4.7 U | 19000 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4.1 U | 4.7 U | 19000 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4.1 U | 4.7 U | 19000 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 8.2 U* | 9.5 U* | 38000 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 4.1 U | 4.7 U | 19000 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4.1 U | 4.7 U | 19000 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4.1 U | 4.7 U | 19000 U |
| 2-Hexanone | ug/kg | | 20 U | 24 U | 95000 U |
| 4-Methyl-2-pentanone | ug/kg | | 20 U | 24 U | 95000 U |
| Acetone | ug/kg | 25000 | 41 U | 47 U | 190000 U |
| Benzene | ug/kg | 30 | 4.1 U | 4.7 U | 19000 U |
| Bromodichloromethane | ug/kg | 600 | 4.1 U | 4.7 U | 19000 U |
| Bromoform | ug/kg | 800 | 4.1 U* | 4.7 U* | 19000 U |
| Bromomethane | ug/kg | 200 | 4.1 U | 4.7 U | 19000 U* |
| Carbon disulfide | ug/kg | 32000 | 1.4 J | 4.7 U | 19000 U |
| Carbon tetrachloride | ug/kg | 70 | 4.1 U | 4.7 U | 19000 U |
| Chlorobenzene | ug/kg | 1000 | 4.1 U | 4.7 U | 19000 U |
| Chloroethane | ug/kg | | 4.1 U | 4.7 U | 19000 U* |
| Chloroform | ug/kg | 600 | 4.1 U | 4.7 U | 19000 U |
| Chloromethane | ug/kg | | 4.1 U | 4.7 U | 19000 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4.1 U | 4.7 U | 19000 U |
| cis-1,3-Dichloropropene | ug/kg | | 4.1 U | 4.7 U | 19000 U |
| Cyclohexane | ug/kg | | 3 J | 4.1 J | 38000 U |
| Dibromochloromethane | ug/kg | 400 | 4.1 U | 4.7 U | 19000 U |
| Dichlorodifluoromethane | ug/kg | | 4.1 U | 4.7 U | 19000 U |
| Ethylbenzene | ug/kg | 13000 | 4.1 U | 1.4 J | 490000 |
| Isopropylbenzene (Cumene) | ug/kg | | 4.1 U | 4.7 U | 55000 |
| Methyl Acetate | ug/kg | | 8.2 U | 9.5 U | 38000 U |
| Methyl ethyl ketone | ug/kg | | 20 U | 24 U | 95000 U |
| Methyl tert-butyl ether | ug/kg | 320 | 8.2 U | 9.5 U | 38000 U |
| Methylcyclohexane | ug/kg | | 0.75 J | 1.1 J | 250000 |
| Methylene chloride | ug/kg | 20 | 4.1 U | 4.7 U | 19000 U |
| Styrene | ug/kg | 4000 | 4.1 U | 4.7 U | 19000 U |
| Tetrachloroethene | ug/kg | 60 | 4.1 U | 4.7 U | 19000 U |
| Toluene | ug/kg | 12000 | 4.1 U | 4.7 U | 6400 J |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4.1 U | 4.7 U | 19000 U |
| trans-1,3-Dichloropropene | ug/kg | | 4.1 U | 4.7 U | 19000 U |
| Trichloroethene | ug/kg | 60 | 4.1 U | 4.7 U | 19000 U |
| Trichlorofluoromethane | ug/kg | | 4.1 U | 4.7 U | 19000 U* |
| Vinyl Chloride | ug/kg | 10 | 4.1 U | 4.7 U | 19000 U |
| Xylene (Total) | ug/kg | 150000 | 2.4 J | 3.8 J | 1500000 |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-GP17-12-072512 | WGS-GP17-20-072512 | WGS-GP18-21-072512 |
|---|---|---|---|---|---|
| Sample Date | | | 7/25/2012 | 7/25/2012 | 7/25/2012 |
| Station Name | | | WGS-GP17 | WGS-GP17 | WGS-GP18 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 410 U | 3900 U | 360 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 410 U | 3900 U | 360 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 410 U | 3900 U | 360 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 410 U | 3900 U | 360 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 410 U | 3900 U | 360 U |
| 1,1-Dichloroethene | ug/kg | 60 | 410 U | 3900 U | 360 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 820 U | 7800 U | 710 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 410 U | 3900 U | 360 U |
| 1,2-Dichloroethane | ug/kg | 20 | 410 U | 3900 U | 360 U |
| 1,2-Dichloropropane | ug/kg | 30 | 410 U | 3900 U | 360 U |
| 2-Hexanone | ug/kg | | 900 J | 21000 | 1800 U |
| 4-Methyl-2-pentanone | ug/kg | | 2000 U | 20000 U | 1800 U |
| Acetone | ug/kg | 25000 | 4100 U | 39000 U | 3600 U |
| Benzene | ug/kg | 30 | 410 U | 650 J | 360 U |
| Bromodichloromethane | ug/kg | 600 | 410 U | 3900 U | 360 U |
| Bromoform | ug/kg | 800 | 410 U | 3900 U | 360 U |
| Bromomethane | ug/kg | 200 | 410 U* | 3900 U | 360 U* |
| Carbon disulfide | ug/kg | 32000 | 410 U | 3900 U | 360 U |
| Carbon tetrachloride | ug/kg | 70 | 410 U | 3900 U | 360 U |
| Chlorobenzene | ug/kg | 1000 | 410 U | 3900 U | 360 U |
| Chloroethane | ug/kg | | 410 U* | 3900 U* | 360 U* |
| Chloroform | ug/kg | 600 | 410 U | 2700 J | 360 U |
| Chloromethane | ug/kg | | 410 U | 3900 U | 360 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 410 U | 3900 U | 360 U |
| cis-1,3-Dichloropropene | ug/kg | | 410 U | 3900 U | 360 U |
| Cyclohexane | ug/kg | | 820 U | 7800 U | 2300 |
| Dibromochloromethane | ug/kg | 400 | 410 U | 3900 U | 360 U |
| Dichlorodifluoromethane | ug/kg | | 410 U | 3900 U | 360 U |
| Ethylbenzene | ug/kg | 13000 | 950 | 110000 | 360 U |
| Isopropylbenzene (Cumene) | ug/kg | | 350 J | 10000 | 360 U |
| Methyl Acetate | ug/kg | | 820 U | 7800 U | 710 U |
| Methyl ethyl ketone | ug/kg | | 2000 U | 20000 U | 1800 U |
| Methyl tert-butyl ether | ug/kg | 320 | 820 U | 7800 U | 710 U |
| Methylcyclohexane | ug/kg | | 2700 | 47000 | 710 U |
| Methylene chloride | ug/kg | 20 | 410 U | 3900 U | 360 U |
| Styrene | ug/kg | 4000 | 410 U | 3900 U | 360 U |
| Tetrachloroethene | ug/kg | 60 | 410 U | 3900 U | 360 U |
| Toluene | ug/kg | 12000 | 410 U | 12000 | 360 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 410 U | 3900 U | 360 U |
| trans-1,3-Dichloropropene | ug/kg | | 410 U | 3900 U | 360 U |
| Trichloroethene | ug/kg | 60 | 410 U | 3900 U | 360 U |
| Trichlorofluoromethane | ug/kg | | 410 U | 3900 U | 360 U* |
| Vinyl Chloride | ug/kg | 10 | 410 U | 3900 U | 360 U |
| Xylene (Total) | ug/kg | 150000 | 2600 | 350000 | 710 U |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-GP05-03-072612 | WGS-GP05-11-072612 | WGW-S01-042213 |
|---|---|---|---|---|---|
| Sample Date | | | 7/26/2012 | 7/26/2012 | 4/22/2013 |
| Station Name | | | WGS-GP05 | WGS-GP05 | WGW-S01 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4200 U | 8800 U | 5.8 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4200 U | 8800 U | 5.8 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 4200 U | 8800 U | 5.8 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4200 U | 8800 U | 5.8 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4200 U | 8800 U | 5.8 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4200 U | 8800 U | 5.8 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 8300 U | 18000 U | 12 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 4200 U | 8800 U | 5.8 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4200 U | 8800 U | 5.8 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4200 U | 8800 U | 5.8 U |
| 2-Hexanone | ug/kg | | 21000 U | 44000 U | 29 U |
| 4-Methyl-2-pentanone | ug/kg | | 21000 U | 44000 U | 29 U |
| Acetone | ug/kg | 25000 | 42000 U | 88000 U | 58 U |
| Benzene | ug/kg | 30 | 770 J | 8800 U | 5.8 U |
| Bromodichloromethane | ug/kg | 600 | 4200 U | 8800 U | 5.8 U |
| Bromoform | ug/kg | 800 | 4200 U | 8800 U | 5.8 U |
| Bromomethane | ug/kg | 200 | 4200 U* | 8800 U* | 5.8 U |
| Carbon disulfide | ug/kg | 32000 | 4200 U | 8800 U | 5.8 U |
| Carbon tetrachloride | ug/kg | 70 | 4200 U | 8800 U | 5.8 U |
| Chlorobenzene | ug/kg | 1000 | 4200 U | 8800 U | 5.8 U |
| Chloroethane | ug/kg | | 4200 U* | 8800 U* | 5.8 U |
| Chloroform | ug/kg | 600 | 4200 U | 8800 U | 5.8 U |
| Chloromethane | ug/kg | | 4200 U | 8800 U | 5.8 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4200 U | 8800 U | 5.8 U |
| cis-1,3-Dichloropropene | ug/kg | | 4200 U | 8800 U | 5.8 U |
| Cyclohexane | ug/kg | | 8300 U | 18000 U | 12 U |
| Dibromochloromethane | ug/kg | 400 | 4200 U | 8800 U | 5.8 U |
| Dichlorodifluoromethane | ug/kg | | 4200 U | 8800 U | 5.8 U |
| Ethylbenzene | ug/kg | 13000 | 30000 | 8800 U | 5.8 U |
| Isopropylbenzene (Cumene) | ug/kg | | 7300 | 8800 U | 5.8 U |
| Methyl Acetate | ug/kg | | 8300 U | 18000 U | 12 U |
| Methyl ethyl ketone | ug/kg | | 3500 J | 44000 U | 29 U |
| Methyl tert-butyl ether | ug/kg | 320 | 8300 U | 18000 U | 12 U |
| Methylcyclohexane | ug/kg | | 17000 | 18000 U | 12 U |
| Methylene chloride | ug/kg | 20 | 4200 U | 8800 U | 5.8 U |
| Styrene | ug/kg | 4000 | 4200 U | 8800 U | 5.8 U |
| Tetrachloroethene | ug/kg | 60 | 4200 U | 8800 U | 5.8 U |
| Toluene | ug/kg | 12000 | 5100 | 8800 U | 5.8 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4200 U | 8800 U | 5.8 U |
| trans-1,3-Dichloropropene | ug/kg | | 4200 U | 8800 U | 5.8 U |
| Trichloroethene | ug/kg | 60 | 4200 U | 8800 U | 5.8 U |
| Trichlorofluoromethane | ug/kg | | 4200 U* | 8800 U* | 5.8 U |
| Vinyl Chloride | ug/kg | 10 | 4200 U | 8800 U | 5.8 U |
| Xylene (Total) | ug/kg | 150000 | 280000 | 18000 U | 12 U |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGW-S02-042913 | WGW-S03-042913 | WGW-S04-042913 |
|---|---|---|---|---|---|
| Sample Date | | | 4/29/2013 | 4/29/2013 | 4/29/2013 |
| Station Name | | | WGW-S02 | WGW-S03 | WGW-S04 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 3900 U | 260 U | 8900 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 3900 U | 260 U | 8900 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 3900 U | 260 U | 8900 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 3900 U | 260 U | 8900 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 3900 U | 260 U | 8900 U |
| 1,1-Dichloroethene | ug/kg | 60 | 3900 U | 260 U | 8900 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 7900 U | 530 U | 18000 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 3900 U | 260 U | 8900 U |
| 1,2-Dichloroethane | ug/kg | 20 | 3900 U | 260 U | 8900 U |
| 1,2-Dichloropropane | ug/kg | 30 | 3900 U | 260 U | 8900 U |
| 2-Hexanone | ug/kg | | 20000 U | 1300 U | 44000 U |
| 4-Methyl-2-pentanone | ug/kg | | 20000 U | 1300 U | 44000 U |
| Acetone | ug/kg | 25000 | 39000 U | 2600 U | 89000 U |
| Benzene | ug/kg | 30 | 1000 J | 260 U | 2800 J |
| Bromodichloromethane | ug/kg | 600 | 3900 U | 260 U | 8900 U |
| Bromoform | ug/kg | 800 | 3900 U | 260 U | 8900 U |
| Bromomethane | ug/kg | 200 | 3900 U | 260 U | 8900 U |
| Carbon disulfide | ug/kg | 32000 | 3900 U | 260 U | 8900 U |
| Carbon tetrachloride | ug/kg | 70 | 3900 U | 260 U | 8900 U |
| Chlorobenzene | ug/kg | 1000 | 3900 U | 260 U | 8900 U |
| Chloroethane | ug/kg | | 3900 U | 260 U | 8900 U |
| Chloroform | ug/kg | 600 | 3900 U | 260 U | 8900 U |
| Chloromethane | ug/kg | | 3900 U | 260 U | 8900 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 3900 U | 260 U | 8900 U |
| cis-1,3-Dichloropropene | ug/kg | | 3900 U | 260 U | 8900 U |
| Cyclohexane | ug/kg | | 7900 U | 530 U | 18000 U |
| Dibromochloromethane | ug/kg | 400 | 3900 U | 260 U | 8900 U |
| Dichlorodifluoromethane | ug/kg | | 3900 U | 260 U | 8900 U |
| Ethylbenzene | ug/kg | 13000 | 9400 | 260 U | 47000 |
| Isopropylbenzene (Cumene) | ug/kg | | 2300 J | 260 U | 6100 J |
| Methyl Acetate | ug/kg | | 7900 U | 1100 | 18000 U |
| Methyl ethyl ketone | ug/kg | | 20000 U | 1300 U | 44000 U |
| Methyl tert-butyl ether | ug/kg | 320 | 7900 U | 530 U | 18000 U |
| Methylcyclohexane | ug/kg | | 2200 J | 530 U | 13000 J |
| Methylene chloride | ug/kg | 20 | 3900 U | 260 U | 8900 U |
| Styrene | ug/kg | 4000 | 3900 U | 260 U | 8900 U |
| Tetrachloroethene | ug/kg | 60 | 3900 U | 260 U | 8900 U |
| Toluene | ug/kg | 12000 | 9100 | 260 U | 3700 J |
| trans-1,2-Dichloroethene | ug/kg | 700 | 3900 U | 260 U | 8900 U |
| trans-1,3-Dichloropropene | ug/kg | | 3900 U | 260 U | 8900 U |
| Trichloroethene | ug/kg | 60 | 3900 U | 260 U | 8900 U |
| Trichlorofluoromethane | ug/kg | | 3900 U | 260 U | 8900 U |
| Vinyl Chloride | ug/kg | 10 | 3900 U | 260 U | 8900 U |
| Xylene (Total) | ug/kg | 150000 | 31000 | 530 U | 210000 |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGW-S05-042913 | WGW-S05-042913D | WGW-WS01-042913 |
|---|---|---|---|---|---|
| Sample Date | | | 4/29/2013 | 4/29/2013 | 4/29/2013 |
| Station Name | | | WGW-S05 | WGW-S05 | WGW-WS01 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 1100 U | 7400 U | 6.5 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 1100 U | 7400 U | 6.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 1100 U | 7400 U | 6.5 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 1100 U | 7400 U | 6.5 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 1100 U | 7400 U | 6.5 U |
| 1,1-Dichloroethene | ug/kg | 60 | 1100 U | 7400 U | 6.5 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 2200 U | 15000 U | 13 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 1100 U | 7400 U | 6.5 U |
| 1,2-Dichloroethane | ug/kg | 20 | 1100 U | 7400 U | 6.5 U |
| 1,2-Dichloropropane | ug/kg | 30 | 1100 U | 7400 U | 6.5 U |
| 2-Hexanone | ug/kg | | 5600 U | 37000 U | 32 U |
| 4-Methyl-2-pentanone | ug/kg | | 5600 U | 37000 U | 32 U |
| Acetone | ug/kg | 25000 | 11000 U | 74000 U | 65 U |
| Benzene | ug/kg | 30 | 1100 U | 7400 U | 6.5 U |
| Bromodichloromethane | ug/kg | 600 | 1100 U | 7400 U | 6.5 U |
| Bromoform | ug/kg | 800 | 1100 U | 7400 U | 6.5 U |
| Bromomethane | ug/kg | 200 | 1100 U | 7400 U | 6.5 U |
| Carbon disulfide | ug/kg | 32000 | 1100 U | 7400 U | 6.5 U |
| Carbon tetrachloride | ug/kg | 70 | 1100 U | 7400 U | 6.5 U |
| Chlorobenzene | ug/kg | 1000 | 1100 U | 7400 U | 6.5 U |
| Chloroethane | ug/kg | | 1100 U | 7400 U | 6.5 U |
| Chloroform | ug/kg | 600 | 1100 U | 7400 U | 6.5 U |
| Chloromethane | ug/kg | | 1100 U | 7400 U | 6.5 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 1100 U | 7400 U | 6.5 U |
| cis-1,3-Dichloropropene | ug/kg | | 1100 U | 7400 U | 6.5 U |
| Cyclohexane | ug/kg | | 2200 U | 15000 U | 13 U |
| Dibromochloromethane | ug/kg | 400 | 1100 U | 7400 U | 6.5 U |
| Dichlorodifluoromethane | ug/kg | | 1100 U | 7400 U | 6.5 U |
| Ethylbenzene | ug/kg | 13000 | 3000 | 42000 | 6.5 U |
| Isopropylbenzene (Cumene) | ug/kg | | 2500 | 18000 | 6.5 U |
| Methyl Acetate | ug/kg | | 2200 U | 15000 U | 13 U |
| Methyl ethyl ketone | ug/kg | | 5600 U | 37000 U | 32 U |
| Methyl tert-butyl ether | ug/kg | 320 | 2200 U | 15000 U | 13 U |
| Methylcyclohexane | ug/kg | | 1100 J | 17000 | 13 U |
| Methylene chloride | ug/kg | 20 | 1100 U | 7400 U | 1.3 J* |
| Styrene | ug/kg | 4000 | 1100 U | 7400 U | 6.5 U |
| Tetrachloroethene | ug/kg | 60 | 1100 U | 7400 U | 6.5 U |
| Toluene | ug/kg | 12000 | 230 J | 5700 J | 6.5 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 1100 U | 7400 U | 6.5 U |
| trans-1,3-Dichloropropene | ug/kg | | 1100 U | 7400 U | 6.5 U |
| Trichloroethene | ug/kg | 60 | 1100 U | 7400 U | 6.5 U |
| Trichlorofluoromethane | ug/kg | | 1100 U | 7400 U | 6.5 U |
| Vinyl Chloride | ug/kg | 10 | 1100 U | 7400 U | 6.5 U |
| Xylene (Total) | ug/kg | 150000 | 13000 | 240000 | 13 U |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGW-S02-0516-13 | WGS-SS-GP-6(0-24)120313(WS) | WGS-SSGP13(156-180)120413(WS) |
|---|---|---|---|---|---|
| Sample Date | | | 5/16/2013 | 12/3/2013 | 12/4/2013 |
| Station Name | | | WGW-S02 | WGS-SS-GP6 | WGS-SS-GP13 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | | |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 1500 U | 5.5 U | 4.2 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 1500 U | 5.5 U | 4.2 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 1500 U | 5.5 U | 4.2 U |
| 1,1-Dichloroethene | ug/kg | 60 | 1500 U | 5.5 U | 4.2 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 3000 U | 11 U | 8.4 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 1500 U | 5.5 U | 4.2 U |
| 1,2-Dichloroethane | ug/kg | 20 | 1500 U | 5.5 U | 4.2 U |
| 1,2-Dichloropropane | ug/kg | 30 | 1500 U | 5.5 U | 4.2 U |
| 2-Hexanone | ug/kg | | 7500 U | 27 U | 21 U |
| 4-Methyl-2-pentanone | ug/kg | | 7500 U | 27 U | 21 U |
| Acetone | ug/kg | 25000 | 15000 U | 15 J | 40 J |
| Benzene | ug/kg | 30 | 330 J | 5.5 U | 4.2 U |
| Bromodichloromethane | ug/kg | 600 | 1500 U | 5.5 U | 4.2 U |
| Bromoform | ug/kg | 800 | 1500 U | 5.5 U | 4.2 U |
| Bromomethane | ug/kg | 200 | 1500 U | 5.5 U | 4.2 U |
| Carbon disulfide | ug/kg | 32000 | 1500 U | 5.5 U | 0.99 J |
| Carbon tetrachloride | ug/kg | 70 | 1500 U | 5.5 U | 4.2 U |
| Chlorobenzene | ug/kg | 1000 | 1500 U | 5.5 U | 4.2 U |
| Chloroethane | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| Chloroform | ug/kg | 600 | 1500 U | 5.5 U | 4.2 U |
| Chloromethane | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 1500 U | 5.5 U | 4.2 U |
| cis-1,3-Dichloropropene | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| Cyclohexane | ug/kg | | 3000 U | 11 U | 8.4 U |
| Dibromochloromethane | ug/kg | 400 | 1500 U | 5.5 U | 4.2 U |
| Dichlorodifluoromethane | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| Ethylbenzene | ug/kg | 13000 | 870 J | 5.5 U | 4.2 U |
| Isopropylbenzene (Cumene) | ug/kg | | 1500 U | 5.5 U | 2.9 J |
| Methyl Acetate | ug/kg | | 2600 J | 11 U | 8.4 U |
| Methyl ethyl ketone | ug/kg | | 7500 U | 27 U | 5.8 J |
| Methyl tert-butyl ether | ug/kg | 320 | 3000 U | 11 U | 8.4 U |
| Methylcyclohexane | ug/kg | | 630 J | 11 U | 8.4 U |
| Methylene chloride | ug/kg | 20 | 1500 U | 1.2 J | 4.2 U |
| Styrene | ug/kg | 4000 | 1500 U | 5.5 U | 4.2 U |
| Tetrachloroethene | ug/kg | 60 | 1500 U | 5.5 U | 4.2 U |
| Toluene | ug/kg | 12000 | 410 J | 5.5 U | 4.2 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 1500 U | 5.5 U | 4.2 U |
| trans-1,3-Dichloropropene | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| Trichloroethene | ug/kg | 60 | 1500 U | 5.5 U | 4.2 U |
| Trichlorofluoromethane | ug/kg | | 1500 U | 5.5 U | 4.2 U |
| Vinyl Chloride | ug/kg | 10 | 1500 U | 5.5 U | 4.2 U |
| Xylene (Total) | ug/kg | 150000 | 660 J | 11 U | 8.4 U |

# Table 4
## U.S. EPA Soil Data - Lead, TPH, and VOCs
## Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-SS01-121213 (IR) | WGS-SSGP01B(16-18)-121913 | WGS-SSGP07A(4-6)-122013 |
|---|---|---|---|---|---|
| Sample Date | | | 12/12/2013 | 12/19/2013 | 12/20/2013 |
| Station Name | | | WGS-SS-01 | WGS-SS-GP01B | WGS-SS-GP07A |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | | 16 J | 12 |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | | | |
| GRO (GRO)-C6-C10 | ug/kg | | | | |
| TPH (1664A) | ug/kg | | | | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 5.9 U | 11000 U | 400 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 5.9 U | 11000 U | 400 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 5.9 U | 11000 U | 400 U* |
| 1,1,2-Trichloroethane | ug/kg | 20 | 5.9 U | 11000 U | 400 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 5.9 U | 11000 U | 400 U* |
| 1,1-Dichloroethene | ug/kg | 60 | 5.9 U | 11000 U | 400 U* |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 12 U | 21000 U | 800 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 5.9 U | 11000 U | 400 U |
| 1,2-Dichloroethane | ug/kg | 20 | 5.9 U | 11000 U | 400 U |
| 1,2-Dichloropropane | ug/kg | 30 | 5.9 U | 11000 U | 400 U |
| 2-Hexanone | ug/kg | | 29 U | 53000 U | 2000 U |
| 4-Methyl-2-pentanone | ug/kg | | 29 U | 53000 U | 2000 U |
| Acetone | ug/kg | 25000 | 59 U | 110000 U* | 4000 U* |
| Benzene | ug/kg | 30 | 5.9 U | 11000 U | 400 U |
| Bromodichloromethane | ug/kg | 600 | 5.9 U | 11000 U | 400 U |
| Bromoform | ug/kg | 800 | 5.9 U | 11000 U | 400 U |
| Bromomethane | ug/kg | 200 | 5.9 U | 11000 U | 400 U* |
| Carbon disulfide | ug/kg | 32000 | 5.9 U | 11000 U* | 400 U* |
| Carbon tetrachloride | ug/kg | 70 | 5.9 U | 11000 U | 400 U |
| Chlorobenzene | ug/kg | 1000 | 5.9 U | 11000 U | 400 U |
| Chloroethane | ug/kg | | 5.9 U | 11000 U | 400 U* |
| Chloroform | ug/kg | 600 | 5.9 U | 11000 U | 400 U* |
| Chloromethane | ug/kg | | 5.9 U | 11000 U* | 400 U* |
| cis-1,2-Dichloroethene | ug/kg | 400 | 5.9 U | 11000 U | 400 U* |
| cis-1,3-Dichloropropene | ug/kg | | 5.9 U | 11000 U | 400 U |
| Cyclohexane | ug/kg | | 12 U | 45000 | 210 J |
| Dibromochloromethane | ug/kg | 400 | 5.9 U | 11000 U | 400 U |
| Dichlorodifluoromethane | ug/kg | | 5.9 U | 11000 U | 400 U* |
| Ethylbenzene | ug/kg | 13000 | 5.9 U | 230000 | 250 J |
| Isopropylbenzene (Cumene) | ug/kg | | 5.9 U | 32000 | 330 J |
| Methyl Acetate | ug/kg | | 12 U | 21000 U | 800 U* |
| Methyl ethyl ketone | ug/kg | | 29 U | 53000 U | 2000 U* |
| Methyl tert-butyl ether | ug/kg | 320 | 12 U | 21000 U | 800 U* |
| Methylcyclohexane | ug/kg | | 12 U | 130000 | 800 U |
| Methylene chloride | ug/kg | 20 | 5.9 U | 11000 U* | 400 U* |
| Styrene | ug/kg | 4000 | 5.9 U | 5800 J | 400 U |
| Tetrachloroethene | ug/kg | 60 | 5.9 U | 11000 U | 400 U |
| Toluene | ug/kg | 12000 | 5.9 U | 4600 J | 400 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 5.9 U | 11000 U | 400 U* |
| trans-1,3-Dichloropropene | ug/kg | | 5.9 U | 11000 U | 400 U |
| Trichloroethene | ug/kg | 60 | 5.9 U | 11000 U | 400 U |
| Trichlorofluoromethane | ug/kg | | 5.9 U | 11000 U | 400 U* |
| Vinyl Chloride | ug/kg | 10 | 5.9 U | 11000 U* | 400 U* |
| Xylene (Total) | ug/kg | 150000 | 12 U | 960000 | 620 J |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-SS-SB2(2-3)-012214 | WGS-SS-SB4(19-20)-012314 | WGS-SS-SB6(15-16.5)-022514 |
|---|---|---|---|---|---|
| Sample Date | | | 1/22/2014 | 1/23/2014 | 2/25/2014 |
| Station Name | | | WGS-SS-SB2 | WGS-SS-SB4 | WGS-SS-SB6 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | 107 | 53 | 11 | 14 |
| **TPH** | | | | | |
| DRO [C10-C28] | ug/kg | | 560000 | 7400 | 16000 |
| GRO (GRO)-C6-C10 | ug/kg | | 64000 | 270 U | 310 U |
| TPH (1664A) | ug/kg | | 260000 | 240000 U | |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 6.2 U | 5.9 U | 5.6 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 6.2 U | 5.9 U | 5.6 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 6.2 U | 5.9 U | 5.6 U |
| 1,1-Dichloroethene | ug/kg | 60 | 6.2 U | 5.9 U | 5.6 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 12 U | 12 U | 11 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 6.2 U | 5.9 U | 5.6 U |
| 1,2-Dichloroethane | ug/kg | 20 | 6.2 U | 5.9 U | 5.6 U |
| 1,2-Dichloropropane | ug/kg | 30 | 6.2 U | 5.9 U | 5.6 U |
| 2-Hexanone | ug/kg | | 31 U | 30 U | 28 U |
| 4-Methyl-2-pentanone | ug/kg | | 31 U | 30 U | 28 U |
| Acetone | ug/kg | 25000 | 62 U | 670 | 20 J |
| Benzene | ug/kg | 30 | 6.2 U | 5.9 U | 5.6 U |
| Bromodichloromethane | ug/kg | 600 | 6.2 U | 5.9 U | 5.6 U |
| Bromoform | ug/kg | 800 | 6.2 U | 5.9 U | 5.6 U |
| Bromomethane | ug/kg | 200 | 6.2 U | 5.9 U | 5.6 U |
| Carbon disulfide | ug/kg | 32000 | 6.2 U | 5.9 U | 5.6 U |
| Carbon tetrachloride | ug/kg | 70 | 6.2 U | 5.9 U | 5.6 U |
| Chlorobenzene | ug/kg | 1000 | 6.2 U | 5.9 U | 5.6 U |
| Chloroethane | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| Chloroform | ug/kg | 600 | 9.4 | 7.1 | 5.6 U |
| Chloromethane | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 6.2 U | 5.9 U | 5.6 U |
| cis-1,3-Dichloropropene | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| Cyclohexane | ug/kg | | 12 U | 12 U | 11 U |
| Dibromochloromethane | ug/kg | 400 | 6.2 U | 5.9 U | 5.6 U |
| Dichlorodifluoromethane | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| Ethylbenzene | ug/kg | 13000 | 6.2 U | 5.9 U | 5.6 U |
| Isopropylbenzene (Cumene) | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| Methyl Acetate | ug/kg | | 12 U | 12 U | 11 U |
| Methyl ethyl ketone | ug/kg | | 31 U | 30 U | 28 U |
| Methyl tert-butyl ether | ug/kg | 320 | 12 U | 6.8 J | 11 U |
| Methylcyclohexane | ug/kg | | 12 U | 12 U | 11 U |
| Methylene chloride | ug/kg | 20 | 2.9 J | 9.7 | 5.6 U |
| Styrene | ug/kg | 4000 | 6.2 U | 5.9 U | 5.6 U |
| Tetrachloroethene | ug/kg | 60 | 6.2 U | 5.9 U | 5.6 U |
| Toluene | ug/kg | 12000 | 6.2 U | 5.9 U | 5.6 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 6.2 U | 5.9 U | 5.6 U |
| trans-1,3-Dichloropropene | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| Trichloroethene | ug/kg | 60 | 6.2 U | 5.9 U | 5.6 U |
| Trichlorofluoromethane | ug/kg | | 6.2 U | 5.9 U | 5.6 U |
| Vinyl Chloride | ug/kg | 10 | 6.2 U | 5.9 U | 5.6 U |
| Xylene (Total) | ug/kg | 150000 | 12 U | 12 U | 11 U |

# Table 4
# U.S. EPA Soil Data - Lead, TPH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WGS-SSGP-14(23.3-25)-050814WS |
|---|---|---|---|
| Sample Date | | | 5/8/2014 |
| Station Name | | | WGS-SS-GP14 |
| **Metals-Total** | | | |
| Lead, Total | mg/kg | 107 | 2.5 |
| **TPH** | | | |
| DRO [C10-C28] | ug/kg | | |
| GRO (GRO)-C6-C10 | ug/kg | | |
| TPH (1664A) | ug/kg | | |
| **VOCs** | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 960 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 960 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 960 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 960 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 960 U |
| 1,1-Dichloroethene | ug/kg | 60 | 960 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 1900 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 960 U |
| 1,2-Dichloroethane | ug/kg | 20 | 960 U |
| 1,2-Dichloropropane | ug/kg | 30 | 960 U |
| 2-Hexanone | ug/kg | | 4800 U |
| 4-Methyl-2-pentanone | ug/kg | | 4800 U* |
| Acetone | ug/kg | 25000 | 9600 U |
| Benzene | ug/kg | 30 | 960 U |
| Bromodichloromethane | ug/kg | 600 | 960 U |
| Bromoform | ug/kg | 800 | 960 U |
| Bromomethane | ug/kg | 200 | 960 U |
| Carbon disulfide | ug/kg | 32000 | 960 U |
| Carbon tetrachloride | ug/kg | 70 | 960 U |
| Chlorobenzene | ug/kg | 1000 | 960 U |
| Chloroethane | ug/kg | | 960 U |
| Chloroform | ug/kg | 600 | 960 U |
| Chloromethane | ug/kg | | 960 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 960 U |
| cis-1,3-Dichloropropene | ug/kg | | 960 U |
| Cyclohexane | ug/kg | | 1900 U |
| Dibromochloromethane | ug/kg | 400 | 960 U |
| Dichlorodifluoromethane | ug/kg | | 960 U |
| Ethylbenzene | ug/kg | 13000 | 7100 |
| Isopropylbenzene (Cumene) | ug/kg | | 2300 |
| Methyl Acetate | ug/kg | | 1900 U* |
| Methyl ethyl ketone | ug/kg | | 4800 U |
| Methyl tert-butyl ether | ug/kg | 320 | 1900 U |
| Methylcyclohexane | ug/kg | | 1900 U |
| Methylene chloride | ug/kg | 20 | 960 U |
| Styrene | ug/kg | 4000 | 960 U |
| Tetrachloroethene | ug/kg | 60 | 960 U |
| Toluene | ug/kg | 12000 | 320 J |
| trans-1,2-Dichloroethene | ug/kg | 700 | 960 U |
| trans-1,3-Dichloropropene | ug/kg | | 960 U |
| Trichloroethene | ug/kg | 60 | 960 U |
| Trichlorofluoromethane | ug/kg | | 960 U |
| Vinyl Chloride | ug/kg | 10 | 960 U |
| Xylene (Total) | ug/kg | 150000 | 42000 |

**Table 5**
**U.S. EPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WGS-GP10-16-072312 | WGS-GP16-20-072412D | WGS-GP16-20-072412 | WGS-TMW6-06-072412 | WGS-TMW8-08-072412 | WGS-GP11-18-072512 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 7/23/2012 | 7/24/2012 | 7/24/2012 | 7/24/2012 | 7/24/2012 | 7/25/2012 |
| Station Name | | | WGS-GP10 | WGS-GP16 | WGS-GP16 | WGS-TMW6 | WGS-TMW8 | WGS-GP11 |
| **SVOCs** | | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 530 U | 4.3 U | 4.7 U | 4.1 U | 4.7 U | 19000 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 530 U | 4.3 U | 4.7 U | 4.1 U | 4.7 U | 19000 U |
| 1,3-Dichlorobenzene | ug/kg | | 530 U | 4.3 U | 4.7 U | 4.1 U | 4.7 U | 19000 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 530 U | 4.3 U | 4.7 U | 4.1 U | 4.7 U | 19000 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | | | |
| 2-Nitroaniline | ug/kg | | | | | | | |
| 2-Nitrophenol | ug/kg | | | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | | | |
| 3-Nitroaniline | ug/kg | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | | | |
| 4-Methylphenol | ug/kg | | | | | | | |
| 4-Nitroaniline | ug/kg | | | | | | | |
| 4-Nitrophenol | ug/kg | | | | | | | |
| Acenaphthene | ug/kg | 570000 | | | | | | |
| Acenaphthylene | ug/kg | | | | | | | |
| Acetophenone | ug/kg | | | | | | | |
| Anthracene | ug/kg | 1.2E+07 | | | | | | |
| Atrazine | ug/kg | 66 | | | | | | |
| Benzaldehyde | ug/kg | | | | | | | |
| Benzo(a)anthracene | ug/kg | 2000 | | | | | | |
| Benzo(a)pyrene | ug/kg | 8000 | | | | | | |
| Benzo(b)fluoranthene | ug/kg | 5000 | | | | | | |
| Benzo(g,h,i)perylene | ug/kg | | | | | | | |
| Benzo(k)fluoranthene | ug/kg | 49000 | | | | | | |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | | | |
| bis(2-Chloroisopropyl)ether | ug/kg | | | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | | | |
| Caprolactam | ug/kg | | | | | | | |
| Carbazole | ug/kg | 600 | | | | | | |
| Chrysene | ug/kg | 160000 | | | | | | |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | | | | | | |
| Dibenzofuran | ug/kg | | | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | | | |
| Dimethyl phthalate | ug/kg | | | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | | | |
| Fluoranthene | ug/kg | 4300000 | | | | | | |
| Fluorene | ug/kg | 560000 | | | | | | |
| Hexachlorobenzene | ug/kg | 2000 | | | | | | |
| Hexachlorobutadiene | ug/kg | | | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | | | |
| Hexachloroethane | ug/kg | 500 | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | | | | | | |
| Isophorone | ug/kg | 8000 | | | | | | |
| Naphthalene | ug/kg | 12000 | | | | | | |
| Nitrobenzene | ug/kg | 100 | | | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | | | |
| Phenanthrene | ug/kg | | | | | | | |
| Phenol | ug/kg | 100000 | | | | | | |
| Pyrene | ug/kg | 4200000 | | | | | | |

**Table 5**
**U.S. EPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WGS-GP17-12-072512 | WGS-GP17-20-072512 | WGS-GP18-21-072512 | WGS-GP05-03-072612 | WGS-GP05-11-072612 | WGW-S01-042213 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 7/25/2012 | 7/25/2012 | 7/25/2012 | 7/26/2012 | 7/26/2012 | 4/22/2013 |
| Station Name | | | WGS-GP17 | WGS-GP17 | WGS-GP18 | WGS-GP05 | WGS-GP05 | WGW-S01 |
| **SVOCs** | | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 410 U | 3900 U | 360 U | 4200 U | 8800 U | 5.8 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 410 U | 3900 U | 360 U | 4200 U | 8800 U | 5.8 U |
| 1,3-Dichlorobenzene | ug/kg | | 410 U | 3900 U | 360 U | 4200 U | 8800 U | 5.8 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 410 U | 3900 U | 360 U | 4200 U | 8800 U | 5.8 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | | | |
| 2-Nitroaniline | ug/kg | | | | | | | |
| 2-Nitrophenol | ug/kg | | | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | | | |
| 3-Nitroaniline | ug/kg | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | | | |
| 4-Methylphenol | ug/kg | | | | | | | |
| 4-Nitroaniline | ug/kg | | | | | | | |
| 4-Nitrophenol | ug/kg | | | | | | | |
| Acenaphthene | ug/kg | 570000 | | | | | | |
| Acenaphthylene | ug/kg | | | | | | | |
| Acetophenone | ug/kg | | | | | | | |
| Anthracene | ug/kg | 1.2E+07 | | | | | | |
| Atrazine | ug/kg | 66 | | | | | | |
| Benzaldehyde | ug/kg | | | | | | | |
| Benzo(a)anthracene | ug/kg | 2000 | | | | | | |
| Benzo(a)pyrene | ug/kg | 8000 | | | | | | |
| Benzo(b)fluoranthene | ug/kg | 5000 | | | | | | |
| Benzo(g,h,i)perylene | ug/kg | | | | | | | |
| Benzo(k)fluoranthene | ug/kg | 49000 | | | | | | |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | | | |
| bis(2-Chloroisopropyl)ether | ug/kg | | | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | | | |
| Caprolactam | ug/kg | | | | | | | |
| Carbazole | ug/kg | 600 | | | | | | |
| Chrysene | ug/kg | 160000 | | | | | | |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | | | | | | |
| Dibenzofuran | ug/kg | | | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | | | |
| Dimethyl phthalate | ug/kg | | | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | | | |
| Fluoranthene | ug/kg | 4300000 | | | | | | |
| Fluorene | ug/kg | 560000 | | | | | | |
| Hexachlorobenzene | ug/kg | 2000 | | | | | | |
| Hexachlorobutadiene | ug/kg | | | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | | | |
| Hexachloroethane | ug/kg | 500 | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | | | | | | |
| Isophorone | ug/kg | 8000 | | | | | | |
| Naphthalene | ug/kg | 12000 | | | | | | |
| Nitrobenzene | ug/kg | 100 | | | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | | | |
| Phenanthrene | ug/kg | | | | | | | |
| Phenol | ug/kg | 100000 | | | | | | |
| Pyrene | ug/kg | 4200000 | | | | | | |

**Table 5**
**U.S. EPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WGW-S02-042913 | WGW-S03-042913 | WGW-S04-042913 | WGW-S05-042913 | WGW-S05-042913D | WGW-WS01-042913 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/29/2013 | 4/29/2013 | 4/29/2013 | 4/29/2013 | 4/29/2013 | 4/29/2013 |
| Station Name | | | WGW-S02 | WGW-S03 | WGW-S04 | WGW-S05 | WGW-S05 | WGW-WS01 |
| **SVOCs** | | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 3900 U | 260 U | 8900 U | 1100 U | 7400 U | 6.5 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 3900 U | 260 U | 8900 U | 1100 U | 7400 U | 6.5 U |
| 1,3-Dichlorobenzene | ug/kg | | 3900 U | 260 U | 8900 U | 1100 U | 7400 U | 6.5 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 3900 U | 260 U | 8900 U | 1100 U | 7400 U | 6.5 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | | | |
| 2-Nitroaniline | ug/kg | | | | | | | |
| 2-Nitrophenol | ug/kg | | | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | | | |
| 3-Nitroaniline | ug/kg | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | | | |
| 4-Methylphenol | ug/kg | | | | | | | |
| 4-Nitroaniline | ug/kg | | | | | | | |
| 4-Nitrophenol | ug/kg | | | | | | | |
| Acenaphthene | ug/kg | 570000 | | | | | | |
| Acenaphthylene | ug/kg | | | | | | | |
| Acetophenone | ug/kg | | | | | | | |
| Anthracene | ug/kg | 1.2E+07 | | | | | | |
| Atrazine | ug/kg | 66 | | | | | | |
| Benzaldehyde | ug/kg | | | | | | | |
| Benzo(a)anthracene | ug/kg | 2000 | | | | | | |
| Benzo(a)pyrene | ug/kg | 8000 | | | | | | |
| Benzo(b)fluoranthene | ug/kg | 5000 | | | | | | |
| Benzo(g,h,i)perylene | ug/kg | | | | | | | |
| Benzo(k)fluoranthene | ug/kg | 49000 | | | | | | |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | | | |
| bis(2-Chloroisopropyl)ether | ug/kg | | | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | | | |
| Caprolactam | ug/kg | | | | | | | |
| Carbazole | ug/kg | 600 | | | | | | |
| Chrysene | ug/kg | 160000 | | | | | | |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | | | | | | |
| Dibenzofuran | ug/kg | | | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | | | |
| Dimethyl phthalate | ug/kg | | | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | | | |
| Fluoranthene | ug/kg | 4300000 | | | | | | |
| Fluorene | ug/kg | 560000 | | | | | | |
| Hexachlorobenzene | ug/kg | 2000 | | | | | | |
| Hexachlorobutadiene | ug/kg | | | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | | | |
| Hexachloroethane | ug/kg | 500 | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | | | | | | |
| Isophorone | ug/kg | 8000 | | | | | | |
| Naphthalene | ug/kg | 12000 | | | | | | |
| Nitrobenzene | ug/kg | 100 | | | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | | | |
| Phenanthrene | ug/kg | | | | | | | |
| Phenol | ug/kg | 100000 | | | | | | |
| Pyrene | ug/kg | 4200000 | | | | | | |

**Table 5**
**U.S. EPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WGW-S02-0516-13 | WGS-SS-GP-6(0-24)120313(WS) | WGS-SSGP13(156-180)120413(WS) | WGS-SS01-121213 (IR) | WGS-SSGP01B(16-18)-121913 | WGS-SSGP07A(4-6)-122013 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/16/2013 | 12/3/2013 | 12/4/2013 | 12/12/2013 | 12/19/2013 | 12/20/2013 |
| Station Name | | | WGW-S02 | WGS-SS-GP6 | WGS-SS-GP13 | WGS-SS-01 | WGS-SS-GP01B | WGS-SS-GP07A |
| **SVOCs** | | | | | | | | |
| 1,1-Biphenyl | ug/kg | | | 8100 U | 8100 U | 820 U | 8700 U | 890 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 1500 U | 5.5 U | 4.2 U | 5.9 U | 11000 U | 400 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 1500 U | 5.5 U | 4.2 U | 5.9 U | 11000 U | 400 U |
| 1,3-Dichlorobenzene | ug/kg | | 1500 U | 5.5 U | 4.2 U | 5.9 U | 11000 U | 400 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 1500 U | 5.5 U | 4.2 U | 5.9 U | 11000 U | 400 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2,4-Dinitrophenol | ug/kg | 200 | | 19000 U | 19000 U | 1900 U | 20000 UJ | 2100 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| 2-Chloronaphthalene | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2-Chlorophenol | ug/kg | 4000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2-Methylnaphthalene | ug/kg | | | 3600 U | 3600 U | 42 J | 1800 J | 340 J |
| 2-Methylphenol | ug/kg | 15000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 2-Nitroaniline | ug/kg | | | 19000 U | 19000 U | 1900 U | 20000 U | 2100 U |
| 2-Nitrophenol | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| 3 & 4 Methylphenol | ug/kg | | | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | 7200 U | 7200 U | 730 U | 7800 UJ | 800 U |
| 3-Nitroaniline | ug/kg | | | 19000 U | 19000 U | 1900 U | 20000 UJ | 2100 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | 19000 U | 19000 UJ | 1900 U | 20000 UJ | 2100 U |
| 4-Bromophenyl-phenylether | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 4-Chloro-3-methylphenol | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 4-Chloroaniline | ug/kg | 700 | | 7200 U | 7200 U | 730 UJ | 7800 UJ | 800 U |
| 4-Chlorophenyl-phenylether | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 4-Methylphenol | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| 4-Nitroaniline | ug/kg | | | 19000 U | 19000 U | 1900 U | 20000 U | 2100 U |
| 4-Nitrophenol | ug/kg | | | 19000 U | 19000 UJ | 1900 U | 20000 UJ | 2100 U |
| Acenaphthene | ug/kg | 570000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Acenaphthylene | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Acetophenone | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 920 |
| Anthracene | ug/kg | 1.2E+07 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Atrazine | ug/kg | 66 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Benzaldehyde | ug/kg | | | 3600 U | 3600 UJ | 370 U | 3900 UJ | 400 U |
| Benzo(a)anthracene | ug/kg | 2000 | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| Benzo(a)pyrene | ug/kg | 8000 | | 3600 U | 3600 U | 370 UJ | 3900 UJ | 400 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Benzo(g,h,i)perylene | ug/kg | | | 3600 U | 3600 U | 44 J | 3900 U | 400 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| bis(2-Chloroethoxy)methane | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| bis(2-Chloroisopropyl)ether | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| Butyl benzyl phthalate | ug/kg | 930000 | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U* |
| Caprolactam | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| Carbazole | ug/kg | 600 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Chrysene | ug/kg | 160000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Dibenzofuran | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Diethylphthalate | ug/kg | 470000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Dimethyl phthalate | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | 3600 U | 3600 U | 370 U | 3900 UJ | 400 U |
| Fluoranthene | ug/kg | 4300000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Fluorene | ug/kg | 560000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Hexachlorobenzene | ug/kg | 2000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Hexachlorobutadiene | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | 3600 U | 3600 UJ | 370 U | 3900 UJ | 400 U |
| Hexachloroethane | ug/kg | 500 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | | 3600 U | 3600 U | 42 J | 3900 U | 400 U |
| Isophorone | ug/kg | 8000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Naphthalene | ug/kg | 12000 | | 3600 U | 3600 U | 370 U | 1700 J | 340 J |
| Nitrobenzene | ug/kg | 100 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Pentachlorophenol | ug/kg | 30 | | 19000 U | 19000 UJ | 1900 U | 20000 UJ | 2100 U |
| Phenanthrene | ug/kg | | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Phenol | ug/kg | 100000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |
| Pyrene | ug/kg | 4200000 | | 3600 U | 3600 U | 370 U | 3900 U | 400 U |

**Table 5**
**U.S. EPA Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WGS-SS-SB2(2-3)-012214 | WGS-SS-SB4(19-20)-012314 | WGS-SS-SB6(15-16.5)-022514 | WGS-SSGP-14(23.3-25)-050814WS |
|---|---|---|---|---|---|---|
| Sample Date | | | 1/22/2014 | 1/23/2014 | 2/25/2014 | 5/8/2014 |
| Station Name | | | WGS-SS-SB2 | WGS-SS-SB4 | WGS-SS-SB6 | WGS-SS-GP14 |
| **SVOCs** | | | | | | |
| 1,1-Biphenyl | ug/kg | | 920 U | 880 U | 920 U | 8100 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 6.2 U | 5.9 U | 5.6 U | 960 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 6.2 U | 5.9 U | 5.6 U | 960 U |
| 1,3-Dichlorobenzene | ug/kg | | 6.2 U | 5.9 U | 5.6 U | 960 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 6.2 U | 5.9 U | 5.6 U | 960 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 410 U | 390 U | 410 U | 3600 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 410 U | 390 U | 410 U | 3600 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 410 U | 390 U | 410 U | 3600 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 410 U | 390 U | 410 U | 3600 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 2100 U | 2000 U | 2100 U | 19000 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 410 U | 390 U | 410 U | 3600 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 410 U | 390 U | 410 U | 3600 U |
| 2-Chloronaphthalene | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| 2-Chlorophenol | ug/kg | 4000 | 410 U | 390 U | 410 U | 3600 U |
| 2-Methylnaphthalene | ug/kg | | 400 J | 390 U | 410 U | 17000 |
| 2-Methylphenol | ug/kg | 15000 | 410 U | 390 U | 410 U | 3600 U |
| 2-Nitroaniline | ug/kg | | 2100 U | 2000 U | 2100 U | 19000 U |
| 2-Nitrophenol | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| 3 & 4 Methylphenol | ug/kg | | | | 410 U | 3600 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 820 U | 790 U | 820 U | 7200 U |
| 3-Nitroaniline | ug/kg | | 2100 U | 2000 U | 2100 U | 19000 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 2100 U | 2000 U | 2100 U | 19000 U |
| 4-Bromophenyl-phenylether | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| 4-Chloro-3-methylphenol | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| 4-Chloroaniline | ug/kg | 700 | 820 U | 790 U | 820 U | 7200 U* |
| 4-Chlorophenyl-phenylether | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| 4-Methylphenol | ug/kg | | 410 U | 390 U | | |
| 4-Nitroaniline | ug/kg | | 2100 U | 2000 U | 2100 U | 19000 U |
| 4-Nitrophenol | ug/kg | | 2100 U | 2000 U | 2100 U | 19000 U |
| Acenaphthene | ug/kg | 570000 | 410 U | 390 U | 410 U | 3600 U |
| Acenaphthylene | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| Acetophenone | ug/kg | | 270 J | 390 U | 410 U | 16000 |
| Anthracene | ug/kg | 1.2E+07 | 410 U | 390 U | 410 U | 3600 U |
| Atrazine | ug/kg | 66 | 410 U | 390 U | 410 U | 3600 U |
| Benzaldehyde | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| Benzo(a)anthracene | ug/kg | 2000 | 410 U | 390 U | 410 U | 3600 U |
| Benzo(a)pyrene | ug/kg | 8000 | 410 U | 390 U | 410 U | 3600 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 410 U | 390 U | 410 U | 3600 U |
| Benzo(g,h,i)perylene | ug/kg | | 29 J | 390 U | 62 J | 3600 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 410 U | 390 U | 410 U | 3600 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 410 U | 390 U | 410 U | 3600 U |
| bis(2-Chloroisopropyl)ether | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 410 U | 390 U | 410 U | 3600 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 410 U | 390 U | 410 U | 3600 U |
| Caprolactam | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| Carbazole | ug/kg | 600 | 410 U | 390 U | 410 U | 3600 U |
| Chrysene | ug/kg | 160000 | 29 J | 390 U | 410 U | 3600 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 410 U | 390 U | 48 J | 3600 U |
| Dibenzofuran | ug/kg | | 52 J | 390 U | 410 U | 3600 U |
| Diethylphthalate | ug/kg | 470000 | 410 U | 390 U | 410 U | 3600 U |
| Dimethyl phthalate | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 410 U | 390 U | 410 U | 3600 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 410 U | 390 U | 410 U | 3600 U |
| Fluoranthene | ug/kg | 4300000 | 410 U | 390 U | 410 U | 3600 U |
| Fluorene | ug/kg | 560000 | 410 U | 390 U | 410 U | 3600 U |
| Hexachlorobenzene | ug/kg | 2000 | 410 U | 390 U | 410 U | 3600 U |
| Hexachlorobutadiene | ug/kg | | 410 U | 390 U | 410 U | 3600 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 410 U | 390 U | 410 U | 3600 U |
| Hexachloroethane | ug/kg | 500 | 410 U | 390 U | 410 U | 3600 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 410 U | 390 U | 44 J | 3600 U |
| Isophorone | ug/kg | 8000 | 410 U | 390 U | 410 U | 3600 U |
| Naphthalene | ug/kg | 12000 | 470 | 390 U | 410 U | 3600 U |
| Nitrobenzene | ug/kg | 100 | 410 U | 390 U | 410 U | 3600 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 410 U | 390 U | 410 U | 3600 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 410 U | 390 U | 410 U | 3600 U |
| Pentachlorophenol | ug/kg | 30 | 2100 U | 2000 U | 2100 U | 19000 U |
| Phenanthrene | ug/kg | | 76 J | 390 U | 61 J | 3600 U |
| Phenol | ug/kg | 100000 | 410 U | 390 U | 410 U | 3600 U |
| Pyrene | ug/kg | 4200000 | 43 J | 390 U | 410 U | 3600 U |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-1-1 (1-2) | WS-1-2 (10-11) | WS-2-3 (11-12) | WS-3-2 (9-10) | WS-4-3 (15-16) | WS-10-1 (12.5) | WS-11-1 (1.0) | WS-11-2 (17.0) | WS-5-3 (10.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 8/23/2012 | 8/23/2012 | 8/23/2012 | 8/23/2012 | 8/23/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-1 | IR-WS-1 | IR-WS-2 | IR-WS-3 | IR-WS-4 | IR-WS-10 | IR-WS-11 | IR-WS-11 | IR-WS-5 |
| **Metals-Total** | | | | | | | | | | | |
| Lead, Total | mg/kg | 107 | | | | | | | | | |
| **VOCs** | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ug/kg | | | | | | | | | | |
| 1,1,2-Trichloroethane | ug/kg | 20 | | | | | | | | | |
| 1,1-Dichloroethane | ug/kg | 23000 | | | | | | | | | |
| 1,1-Dichloroethene | ug/kg | 60 | | | | | | | | | |
| 1,2-Dichloroethane | ug/kg | 20 | | | | | | | | | |
| 1,2-Dichloropropane | ug/kg | 30 | | | | | | | | | |
| 1,3-Dichloropropene, Total | ug/kg | 4 | | | | | | | | | |
| 2-Hexanone | ug/kg | | | | | | | | | | |
| 4-Methyl-2-pentanone | ug/kg | | | | | | | | | | |
| Acetone | ug/kg | 25000 | | | | | | | | | |
| Benzene | ug/kg | 30 | 1 | 5 U | 100 U | 2 | 4 | 98 U | 0.7 | 230 | 99 U |
| Bromodichloromethane | ug/kg | 600 | | | | | | | | | |
| Bromoform | ug/kg | 800 | | | | | | | | | |
| Bromomethane | ug/kg | 200 | | | | | | | | | |
| Carbon disulfide | ug/kg | 32000 | | | | | | | | | |
| Carbon tetrachloride | ug/kg | 70 | | | | | | | | | |
| Chlorobenzene | ug/kg | 1000 | | | | | | | | | |
| Chloroethane | ug/kg | | | | | | | | | | |
| Chloroform | ug/kg | 600 | | | | | | | | | |
| Chloromethane | ug/kg | | | | | | | | | | |
| cis-1,2-Dichloroethene | ug/kg | 400 | | | | | | | | | |
| cis-1,3-Dichloropropene | ug/kg | | | | | | | | | | |
| Dibromochloromethane | ug/kg | 400 | | | | | | | | | |
| Ethylbenzene | ug/kg | 13000 | 0.4 | 5 U | 75000 | 2 | 370 | 6200 | 26 | 98000 | 250 U |
| Methyl ethyl ketone | ug/kg | | | | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | | | | | | | | | |
| Methylene chloride | ug/kg | 20 | | | | | | | | | |
| Styrene | ug/kg | 4000 | | | | | | | | | |
| Tetrachloroethene | ug/kg | 60 | | | | | | | | | |
| Toluene | ug/kg | 12000 | 1 | 5 U | 250 | 5 | 15 | 250 U | 2 | 1600 | 67 |
| trans-1,2-Dichloroethene | ug/kg | 700 | | | | | | | | | |
| trans-1,3-Dichloropropene | ug/kg | | | | | | | | | | |
| Trichloroethene | ug/kg | 60 | | | | | | | | | |
| Trichlorofluoromethane | ug/kg | | | | | | | | | | |
| Vinyl Chloride | ug/kg | 10 | | | | | | | | | |
| Xylene (Total) | ug/kg | 150000 | 1 | 18 U | 230000 | 4 | 660 | 15000 | 59 | 280000 | 64 |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-5-4 (13.0) | WS-6-2 (13.0) | WS-7-3 (14.5) | WS-7-4 (18.0) | WS-8-1 (3.5) | WS-8-2 (10.5) | WS-8-3 (19.0) | WS-9-1 (2.5) | WS-9-2 (13.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-5 | IR-WS-6 | IR-WS-7 | IR-WS-7 | IR-WS-8 | IR-WS-8 | IR-WS-8 | IR-WS-9 | IR-WS-9 |
| **Metals-Total** | | | | | | | | | | | |
| Lead, Total | mg/kg | 107 | | | | | | | | | |
| **VOCs** | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ug/kg | | | | | | | | | | |
| 1,1,2-Trichloroethane | ug/kg | 20 | | | | | | | | | |
| 1,1-Dichloroethane | ug/kg | 23000 | | | | | | | | | |
| 1,1-Dichloroethene | ug/kg | 60 | | | | | | | | | |
| 1,2-Dichloroethane | ug/kg | 20 | | | | | | | | | |
| 1,2-Dichloropropane | ug/kg | 30 | | | | | | | | | |
| 1,3-Dichloropropene, Total | ug/kg | 4 | | | | | | | | | |
| 2-Hexanone | ug/kg | | | | | | | | | | |
| 4-Methyl-2-pentanone | ug/kg | | | | | | | | | | |
| Acetone | ug/kg | 25000 | | | | | | | | | |
| Benzene | ug/kg | 30 | 1 | 120 U | 3 | 94 U | 0 | 110 U | 58 | 0.4 | 88 U |
| Bromodichloromethane | ug/kg | 600 | | | | | | | | | |
| Bromoform | ug/kg | 800 | | | | | | | | | |
| Bromomethane | ug/kg | 200 | | | | | | | | | |
| Carbon disulfide | ug/kg | 32000 | | | | | | | | | |
| Carbon tetrachloride | ug/kg | 70 | | | | | | | | | |
| Chlorobenzene | ug/kg | 1000 | | | | | | | | | |
| Chloroethane | ug/kg | | | | | | | | | | |
| Chloroform | ug/kg | 600 | | | | | | | | | |
| Chloromethane | ug/kg | | | | | | | | | | |
| cis-1,2-Dichloroethene | ug/kg | 400 | | | | | | | | | |
| cis-1,3-Dichloropropene | ug/kg | | | | | | | | | | |
| Dibromochloromethane | ug/kg | 400 | | | | | | | | | |
| Ethylbenzene | ug/kg | 13000 | 0.4 | 14 | 2 | 50 | 5 U | 72 | 850 | 4 U | 2600 |
| Methyl ethyl ketone | ug/kg | | | | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | | | | | | | | | |
| Methylene chloride | ug/kg | 20 | | | | | | | | | |
| Styrene | ug/kg | 4000 | | | | | | | | | |
| Tetrachloroethene | ug/kg | 60 | | | | | | | | | |
| Toluene | ug/kg | 12000 | 1 | 290 U | 5 | 240 U | 0.9 | 270 U | 340 | 4 U | 220 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | | | | | | | | | |
| trans-1,3-Dichloropropene | ug/kg | | | | | | | | | | |
| Trichloroethene | ug/kg | 60 | | | | | | | | | |
| Trichlorofluoromethane | ug/kg | | | | | | | | | | |
| Vinyl Chloride | ug/kg | 10 | | | | | | | | | |
| Xylene (Total) | ug/kg | 150000 | 1 | 870 U | 3 | 98 | 0.6 | 33 | 21000 | 13 U | 2300 |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-01A (8-10) | GP-01B (16-18) | GP-02A (8-10) | GP-02B (16-18) | GP-03A (8-10) | GP-03B (16-18) | GP-05A (8-10) | GP-05B (15-17) |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-01 | IR-GP-01 | IR-GP-02 | IR-GP-02 | IR-GP-03 | IR-GP-03 | IR-GP-05 | IR-GP-05 |
| **Metals-Total** | | | | | | | | | | |
| Lead, Total | mg/kg | 107 | 6.2 | 14 | 3.6 | 7.4 | 4.1 | 6.2 | 3.3 | 8.9 |
| **VOCs** | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| 2-Hexanone | ug/kg | | 4 U | 2800 U | 4 U | 25000 U | 4 U | 560 U | 4 U | 230 U |
| 4-Methyl-2-pentanone | ug/kg | | 4 U | 2800 U | 4 U | 25000 U | 4 U | 560 U | 4 U | 230 U |
| Acetone | ug/kg | 25000 | 4 | 2800 U | 21 | 25000 U | 11 | 560 U | 22 | 230 U |
| Benzene | ug/kg | 30 | 4 U | 140 U | 4 U | 1300 U | 4 U | 28 U | 4 U | 12 U |
| Bromodichloromethane | ug/kg | 600 | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| Bromoform | ug/kg | 800 | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| Bromomethane | ug/kg | 200 | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| Carbon disulfide | ug/kg | 32000 | 4 U | 2800 U | 4 U | 25000 U | 4 U | 560 U | 4 U | 230 U |
| Carbon tetrachloride | ug/kg | 70 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Chlorobenzene | ug/kg | 1000 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Chloroethane | ug/kg | | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| Chloroform | ug/kg | 600 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Chloromethane | ug/kg | | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| cis-1,3-Dichloropropene | ug/kg | | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Dibromochloromethane | ug/kg | 400 | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| Ethylbenzene | ug/kg | 13000 | 4 U | 220000 | 4 U | 440000 | 4 U | 79000 | 4 U | 5800 |
| Methyl ethyl ketone | ug/kg | | 4 U | 2800 U | 4 U | 25000 U | 4 U | 560 U | 5 | 230 U |
| Methyl tert-butyl ether | ug/kg | 320 | 4 U | 1100 U | 4 U | 10000 U | 4 U | 220 U | 4 U | 93 U |
| Methylene chloride | ug/kg | 20 | 4 U | 2800 U | 4 U | 25000 U | 4 U | 560 U | 4 U | 230 U |
| Styrene | ug/kg | 4000 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Tetrachloroethene | ug/kg | 60 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Toluene | ug/kg | 12000 | 4 U | 4600 | 4 U | 6100 | 4 U | 1800 | 4 U | 130 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| trans-1,3-Dichloropropene | ug/kg | | 4 U | 550 U | 4 U | 5100 U | 4 U | 110 U | 4 U | 47 U |
| Trichloroethene | ug/kg | 60 | 4 U | 280 U | 4 U | 2500 U | 4 U | 56 U | 4 U | 23 U |
| Trichlorofluoromethane | ug/kg | | | | | | | | | |
| Vinyl Chloride | ug/kg | 10 | 4 U | 140 U | 4 U | 1300 U | 4 U | 28 U | 4 U | 12 U |
| Xylene (Total) | ug/kg | 150000 | 9 U | 890000 | 8 U | 1700000 | 9 U | 210000 | 9 U | 18000 |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-06A (8-10) | GP-06B (18-20)D | GP-06B (18-20) | GP-07B (8-10)D | GP-08A (8-10) | GP-08B (13-15) | GP-04A (8-10) | GP-04B (12-14) |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/20/2013 | 12/20/2013 |
| Station Name | | | IR-GP-06 | IR-GP-06 | IR-GP-06 | IR-GP-07 | IR-GP-08 | IR-GP-08 | IR-GP-04 | IR-GP-04 |
| **Metals-Total** | | | | | | | | | | |
| Lead, Total | mg/kg | 107 | 2.6 | 4.7 | 4 | 8.5 | 2.5 | 5.8 | 7.9 | 8.1 |
| **VOCs** | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,1-Dichloroethene | ug/kg | 60 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,2-Dichloroethane | ug/kg | 20 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,2-Dichloropropane | ug/kg | 30 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| 2-Hexanone | ug/kg | | 5 U | 2500 U | 2700 U | 250 U | 4 U | 240 U | 5 U | 28000 U |
| 4-Methyl-2-pentanone | ug/kg | | 5 U | 2500 U | 2700 U | 250 U | 4 U | 240 U | 5 U | 28000 U |
| Acetone | ug/kg | 25000 | 28 | 2500 U | 2700 U | 250 U | 6 | 240 U | 5 U | 28000 U |
| Benzene | ug/kg | 30 | 5 U | 130 U | 130 U | 12 U | 4 U | 12 U | 5 U | 1400 U |
| Bromodichloromethane | ug/kg | 600 | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| Bromoform | ug/kg | 800 | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| Bromomethane | ug/kg | 200 | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| Carbon disulfide | ug/kg | 32000 | 5 U | 2500 U | 2700 U | 250 U | 4 U | 240 U | 5 U | 28000 U |
| Carbon tetrachloride | ug/kg | 70 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Chlorobenzene | ug/kg | 1000 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Chloroethane | ug/kg | | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| Chloroform | ug/kg | 600 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Chloromethane | ug/kg | | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| cis-1,3-Dichloropropene | ug/kg | | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Dibromochloromethane | ug/kg | 400 | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| Ethylbenzene | ug/kg | 13000 | 5 U | 240 | 900 | 3700 | 4 U | 2400 | 28 | 51000 |
| Methyl ethyl ketone | ug/kg | | 7 | 2500 U | 2700 U | 250 U | 4 U | 240 U | 5 U | 28000 U |
| Methyl tert-butyl ether | ug/kg | 320 | 5 U | 1000 U | 1100 U | 99 U | 4 U | 94 U | 5 U | 11000 U |
| Methylene chloride | ug/kg | 20 | 5 U | 2500 U | 2700 U | 250 U | 4 U | 240 U | 5 U | 28000 U |
| Styrene | ug/kg | 4000 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Tetrachloroethene | ug/kg | 60 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Toluene | ug/kg | 12000 | 3 | 130 U | 170 | 16 | 4 U | 27 | 4 | 1400 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| trans-1,3-Dichloropropene | ug/kg | | 5 U | 510 U | 530 U | 49 U | 4 U | 47 U | 5 U | 5700 U |
| Trichloroethene | ug/kg | 60 | 5 U | 250 U | 270 U | 25 U | 4 U | 24 U | 5 U | 2800 U |
| Trichlorofluoromethane | ug/kg | | | | | | | | | |
| Vinyl Chloride | ug/kg | 10 | 5 U | 130 U | 130 U | 12 U | 4 U | 12 U | 5 U | 1400 U |
| Xylene (Total) | ug/kg | 150000 | 11 U | 440 | 1500 | 5300 | 9 U | 4100 | 67 | 130000 |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-07A (4-6) | GP-07B (8-10) | GP-09A (5-7) | GP-09B (8-10) | GP-10A (0-3) | GP-10B (11-13) | GP-11A (8-10) | GP-11B (17-19)D |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 |
| Station Name | | | IR-GP-07 | IR-GP-07 | IR-GP-09 | IR-GP-09 | IR-GP-10 | IR-GP-10 | IR-GP-11 | IR-GP-11 |
| **Metals-Total** | | | | | | | | | | |
| Lead, Total | mg/kg | 107 | 10 | 11 | 5.1 | 3.5 | 18 | 2 | 2.3 | 7.6 |
| **VOCs** | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,1-Dichloroethene | ug/kg | 60 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,2-Dichloroethane | ug/kg | 20 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,2-Dichloropropane | ug/kg | 30 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| 2-Hexanone | ug/kg | | 32000 U | 30000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2900 U |
| 4-Methyl-2-pentanone | ug/kg | | 32000 U | 30000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2900 U |
| Acetone | ug/kg | 25000 | 32000 U | 30000 U | 5 U | 5 U | 7 | 19 | 12 | 2900 U |
| Benzene | ug/kg | 30 | 1600 U | 1500 U | 5 U | 5 U | 5 U | 5 U | 5 U | 140 U |
| Bromodichloromethane | ug/kg | 600 | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| Bromoform | ug/kg | 800 | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| Bromomethane | ug/kg | 200 | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| Carbon disulfide | ug/kg | 32000 | 32000 U | 30000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2900 U |
| Carbon tetrachloride | ug/kg | 70 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Chlorobenzene | ug/kg | 1000 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Chloroethane | ug/kg | | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| Chloroform | ug/kg | 600 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Chloromethane | ug/kg | | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| cis-1,3-Dichloropropene | ug/kg | | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Dibromochloromethane | ug/kg | 400 | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| Ethylbenzene | ug/kg | 13000 | 1600 U | 8400 | 5 U | 5 U | 5 U | 5 U | 5 U | 65000 |
| Methyl ethyl ketone | ug/kg | | 32000 U | 30000 U | 5 U | 5 U | 5 U | 5 | 5 U | 2900 U |
| Methyl tert-butyl ether | ug/kg | 320 | 13000 U | 12000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 1100 U |
| Methylene chloride | ug/kg | 20 | 32000 U | 30000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2900 U |
| Styrene | ug/kg | 4000 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Tetrachloroethene | ug/kg | 60 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Toluene | ug/kg | 12000 | 1600 U | 1500 U | 5 U | 5 U | 5 U | 3 | 3 | 4200 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| trans-1,3-Dichloropropene | ug/kg | | 6500 U | 6100 U | 5 U | 5 U | 5 U | 5 U | 5 U | 570 U |
| Trichloroethene | ug/kg | 60 | 3200 U | 3000 U | 5 U | 5 U | 5 U | 5 U | 5 U | 290 U |
| Trichlorofluoromethane | ug/kg | | | | | | | | | |
| Vinyl Chloride | ug/kg | 10 | 1600 U | 1500 U | 5 U | 5 U | 5 U | 5 U | 5 U | 140 U |
| Xylene (Total) | ug/kg | 150000 | 3200 U | 9200 | 10 U | 10 U | 10 U | 11 U | 10 U | 310000 |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-11B (17-19) | GP-12A (8-10) | GP-12B (10-12) | GP-13A (8-10)D | GP-13A (8-10) | GP-13B (10-12) | GP-14A (8-10) | GP-14B (16-18) |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 3/27/2014 | 3/27/2014 | 3/27/2014 | 3/27/2014 | 3/27/2014 | 3/27/2014 | 3/27/2014 |
| Station Name | | | IR-GP-11 | IR-GP-12 | IR-GP-12 | IR-GP-13 | IR-GP-13 | IR-GP-13 | IR-GP-14 | IR-GP-14 |
| **Metals-Total** | | | | | | | | | | |
| Lead, Total | mg/kg | 107 | 4 | 13 | 11 | 10 | 4.1 | 4.3 | 2.9 | 4.1 |
| **VOCs** | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,1-Dichloroethene | ug/kg | 60 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,2-Dichloroethane | ug/kg | 20 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,2-Dichloropropane | ug/kg | 30 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| 2-Hexanone | ug/kg | | 570 U | 4 U | 1100 U | 5 U | 4 U | 5 U | 4 U | 580 U |
| 4-Methyl-2-pentanone | ug/kg | | 570 U | 4 U | 1100 U | 5 U | 4 U | 5 U | 4 U | 580 U |
| Acetone | ug/kg | 25000 | 570 U | 20 | 1100 U | 5 | 4 U | 5 U | 4 U | 580 U |
| Benzene | ug/kg | 30 | 29 U | 4 U | 55 U | 5 U | 4 U | 5 U | 4 U | 29 U |
| Bromodichloromethane | ug/kg | 600 | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| Bromoform | ug/kg | 800 | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| Bromomethane | ug/kg | 200 | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| Carbon disulfide | ug/kg | 32000 | 570 U | 4 U | 1100 U | 5 U | 4 U | 5 U | 4 U | 580 U |
| Carbon tetrachloride | ug/kg | 70 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Chlorobenzene | ug/kg | 1000 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Chloroethane | ug/kg | | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| Chloroform | ug/kg | 600 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Chloromethane | ug/kg | | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| cis-1,3-Dichloropropene | ug/kg | | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Dibromochloromethane | ug/kg | 400 | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| Ethylbenzene | ug/kg | 13000 | 160000 | 4 U | 55 U | 5 U | 4 U | 5 U | 4 U | 530 |
| Methyl ethyl ketone | ug/kg | | 570 U | 4 U | 1100 U | 5 U | 4 U | 5 U | 4 U | 580 U |
| Methyl tert-butyl ether | ug/kg | 320 | 230 U | 4 U | 440 U | 5 U | 4 U | 5 U | 4 U | 230 U |
| Methylene chloride | ug/kg | 20 | 570 U | 4 U | 1100 U | 5 U | 4 U | 5 U | 4 U | 580 U |
| Styrene | ug/kg | 4000 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Tetrachloroethene | ug/kg | 60 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Toluene | ug/kg | 12000 | 39000 | 4 U | 55 U | 5 U | 4 U | 5 U | 4 U | 69 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| trans-1,3-Dichloropropene | ug/kg | | 110 U | 4 U | 220 U | 5 U | 4 U | 5 U | 4 U | 120 U |
| Trichloroethene | ug/kg | 60 | 57 U | 4 U | 110 U | 5 U | 4 U | 5 U | 4 U | 58 U |
| Trichlorofluoromethane | ug/kg | | | | | | | | | |
| Vinyl Chloride | ug/kg | 10 | 29 U | 4 U | 55 U | 5 U | 4 U | 5 U | 4 U | 29 U |
| Xylene (Total) | ug/kg | 150000 | 940000 | 9 U | 110 U | 11 U | 8 U | 11 U | 9 U | 2100 |

**Table 6**
**Illinois Railway Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-15A (8-10) | GP-15B (12.5-14.5) |
|---|---|---|---|---|
| Sample Date | | | 3/27/2014 | 3/27/2014 |
| Station Name | | | IR-GP-15 | IR-GP-15 |
| **Metals-Total** | | | | |
| Lead, Total | mg/kg | 107 | 11 | 9.2 |
| **VOCs** | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4 U | 220 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4 U | 220 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4 U | 220 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4 U | 220 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4 U | 220 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4 U | 220 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4 U | 220 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 4 U | 220 U |
| 2-Hexanone | ug/kg | | 4 U | 1100 U |
| 4-Methyl-2-pentanone | ug/kg | | 4 U | 1100 U |
| Acetone | ug/kg | 25000 | 31 | 1100 U |
| Benzene | ug/kg | 30 | 4 U | 54 U |
| Bromodichloromethane | ug/kg | 600 | 4 U | 440 U |
| Bromoform | ug/kg | 800 | 4 U | 440 U |
| Bromomethane | ug/kg | 200 | 4 U | 440 U |
| Carbon disulfide | ug/kg | 32000 | 4 U | 1100 U |
| Carbon tetrachloride | ug/kg | 70 | 4 U | 220 U |
| Chlorobenzene | ug/kg | 1000 | 4 U | 220 U |
| Chloroethane | ug/kg | | 4 U | 440 U |
| Chloroform | ug/kg | 600 | 4 U | 220 U |
| Chloromethane | ug/kg | | 4 U | 440 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4 U | 220 U |
| cis-1,3-Dichloropropene | ug/kg | | 4 U | 220 U |
| Dibromochloromethane | ug/kg | 400 | 4 U | 440 U |
| Ethylbenzene | ug/kg | 13000 | 4 U | 11000 |
| Methyl ethyl ketone | ug/kg | | 4 U | 1100 U |
| Methyl tert-butyl ether | ug/kg | 320 | 4 U | 440 U |
| Methylene chloride | ug/kg | 20 | 4 U | 1100 U |
| Styrene | ug/kg | 4000 | 4 U | 220 U |
| Tetrachloroethene | ug/kg | 60 | 4 U | 220 U |
| Toluene | ug/kg | 12000 | 4 U | 92 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4 U | 220 U |
| trans-1,3-Dichloropropene | ug/kg | | 4 U | 220 U |
| Trichloroethene | ug/kg | 60 | 4 U | 110 U |
| Trichlorofluoromethane | ug/kg | | | |
| Vinyl Chloride | ug/kg | 10 | 4 U | 54 U |
| Xylene (Total) | ug/kg | 150000 | 8 U | 24000 |

# Table 7
# Illinois Railway Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WS-1-1 (1-2) | WS-1-2 (10-11) | WS-2-3 (11-12) | WS-3-2 (9-10) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/23/2012 | 8/23/2012 | 8/23/2012 | 8/23/2012 |
| Station Name | | | IR-WS-1 | IR-WS-1 | IR-WS-2 | IR-WS-3 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | | | | |
| 1,2-Dichlorobenzene | ug/kg | 17000 | | | | |
| 1,3-Dichlorobenzene | ug/kg | | | | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | | | | |
| 2,2-oxybis[1-chloropropane] | ug/kg | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | |
| 2-Nitroaniline | ug/kg | | | | | |
| 2-Nitrophenol | ug/kg | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | |
| 3-Nitroaniline | ug/kg | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | |
| 4-Nitroaniline | ug/kg | | | | | |
| 4-Nitrophenol | ug/kg | | | | | |
| Acenaphthene | ug/kg | 570000 | 35 U | 40 U | 39 U | 35 U |
| Acenaphthylene | ug/kg | | 24 | 40 U | 39 U | 35 U |
| Anthracene | ug/kg | 1.2E+07 | 22 | 40 U | 39 U | 35 U |
| Benzo(a)anthracene | ug/kg | 2000 | 23 | 40 U | 39 U | 35 U |
| Benzo(a)pyrene | ug/kg | 8000 | 20 | 40 U | 39 U | 35 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 28 | 40 U | 39 U | 35 U |
| Benzo(g,h,i)perylene | ug/kg | | 21 | 40 U | 39 U | 35 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 35 U | 40 U | 39 U | 35 U |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-1-1 (1-2) | WS-1-2 (10-11) | WS-2-3 (11-12) | WS-3-2 (9-10) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/23/2012 | 8/23/2012 | 8/23/2012 | 8/23/2012 |
| Station Name | | | IR-WS-1 | IR-WS-1 | IR-WS-2 | IR-WS-3 |
| Carbazole | ug/kg | 600 | | | | |
| Chrysene | ug/kg | 160000 | 25 | 40 U | 39 U | 35 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 35 U | 40 U | 39 U | 35 U |
| Dibenzofuran | ug/kg | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | |
| Dimethyl phthalate | ug/kg | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | |
| Fluoranthene | ug/kg | 4300000 | 30 | 40 U | 39 U | 35 U |
| Fluorene | ug/kg | 560000 | 35 U | 40 U | 22 | 35 U |
| Hexachlorobenzene | ug/kg | 2000 | | | | |
| Hexachlorobutadiene | ug/kg | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | |
| Hexachloroethane | ug/kg | 500 | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 35 U | 40 U | 39 U | 35 U |
| Isophorone | ug/kg | 8000 | | | | |
| Naphthalene | ug/kg | 12000 | 35 U | 40 U | 1400 | 35 U |
| Nitrobenzene | ug/kg | 100 | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | |
| Phenanthrene | ug/kg | | 37 | 40 U | 49 | 35 U |
| Phenol | ug/kg | 100000 | | | | |
| Pyrene | ug/kg | 4200000 | 29 | 40 U | 39 U | 35 U |

# Table 7
# Illinois Railway Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WS-4-3 (15-16) | WS-10-1 (12.5) | WS-11-1 (1.0) | WS-11-2 (17.0) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/23/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-4 | IR-WS-10 | IR-WS-11 | IR-WS-11 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | | | | |
| 1,2-Dichlorobenzene | ug/kg | 17000 | | | | |
| 1,3-Dichlorobenzene | ug/kg | | | | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | | | | |
| 2,2-oxybis[1-chloropropane] | ug/kg | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | |
| 2-Nitroaniline | ug/kg | | | | | |
| 2-Nitrophenol | ug/kg | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | |
| 3-Nitroaniline | ug/kg | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | |
| 4-Nitroaniline | ug/kg | | | | | |
| 4-Nitrophenol | ug/kg | | | | | |
| Acenaphthene | ug/kg | 570000 | 43 U | 34 U | 34 U | 44 |
| Acenaphthylene | ug/kg | | 43 U | 34 U | 34 U | 36 U |
| Anthracene | ug/kg | 1.2E+07 | 43 U | 73 | 34 U | 37 |
| Benzo(a)anthracene | ug/kg | 2000 | 43 U | 34 U | 34 U | 36 U |
| Benzo(a)pyrene | ug/kg | 8000 | 43 U | 34 U | 34 U | 36 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 43 U | 34 U | 34 U | 36 U |
| Benzo(g,h,i)perylene | ug/kg | | 43 U | 34 U | 34 U | 36 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 43 U | 34 U | 34 U | 36 U |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-4-3 (15-16) | WS-10-1 (12.5) | WS-11-1 (1.0) | WS-11-2 (17.0) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/23/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-4 | IR-WS-10 | IR-WS-11 | IR-WS-11 |
| Carbazole | ug/kg | 600 | | | | |
| Chrysene | ug/kg | 160000 | 43 U | 34 U | 34 U | 36 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 43 U | 34 U | 34 U | 36 U |
| Dibenzofuran | ug/kg | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | |
| Dimethyl phthalate | ug/kg | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | |
| Fluoranthene | ug/kg | 4300000 | 43 U | 30 | 34 U | 30 |
| Fluorene | ug/kg | 560000 | 43 U | 420 | 34 U | 84 |
| Hexachlorobenzene | ug/kg | 2000 | | | | |
| Hexachlorobutadiene | ug/kg | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | |
| Hexachloroethane | ug/kg | 500 | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 43 U | 34 U | 34 U | 36 U |
| Isophorone | ug/kg | 8000 | | | | |
| Naphthalene | ug/kg | 12000 | 600 | 11000 | 32 | 1700 |
| Nitrobenzene | ug/kg | 100 | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | |
| Phenanthrene | ug/kg | | 22 | 640 | 34 U | 170 |
| Phenol | ug/kg | 100000 | | | | |
| Pyrene | ug/kg | 4200000 | 43 U | 51 | 34 U | 46 |

# Table 7
# Illinois Railway Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WS-5-3 (10.5) | WS-5-4 (13.0) | WS-6-2 (13.0) | WS-7-3 (14.5) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-5 | IR-WS-5 | IR-WS-6 | IR-WS-7 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | | | | |
| 1,2-Dichlorobenzene | ug/kg | 17000 | | | | |
| 1,3-Dichlorobenzene | ug/kg | | | | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | | | | |
| 2,2-oxybis[1-chloropropane] | ug/kg | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | |
| 2-Nitroaniline | ug/kg | | | | | |
| 2-Nitrophenol | ug/kg | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | |
| 3-Nitroaniline | ug/kg | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | |
| 4-Nitroaniline | ug/kg | | | | | |
| 4-Nitrophenol | ug/kg | | | | | |
| Acenaphthene | ug/kg | 570000 | 35 U | 38 U | 41 U | 38 U |
| Acenaphthylene | ug/kg | | 35 U | 38 U | 41 U | 38 U |
| Anthracene | ug/kg | 1.2E+07 | 35 U | 38 U | 41 U | 38 U |
| Benzo(a)anthracene | ug/kg | 2000 | 35 U | 38 U | 41 U | 38 U |
| Benzo(a)pyrene | ug/kg | 8000 | 35 U | 38 U | 41 U | 38 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 35 U | 38 U | 41 U | 38 U |
| Benzo(g,h,i)perylene | ug/kg | | 35 U | 38 U | 41 U | 38 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 35 U | 38 U | 41 U | 38 U |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-5-3 (10.5) | WS-5-4 (13.0) | WS-6-2 (13.0) | WS-7-3 (14.5) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-5 | IR-WS-5 | IR-WS-6 | IR-WS-7 |
| Carbazole | ug/kg | 600 | | | | |
| Chrysene | ug/kg | 160000 | 35 U | 38 U | 41 U | 38 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 35 U | 38 U | 41 U | 38 U |
| Dibenzofuran | ug/kg | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | |
| Dimethyl phthalate | ug/kg | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | |
| Fluoranthene | ug/kg | 4300000 | 35 U | 38 U | 41 U | 38 U |
| Fluorene | ug/kg | 560000 | 35 U | 38 U | 41 U | 38 U |
| Hexachlorobenzene | ug/kg | 2000 | | | | |
| Hexachlorobutadiene | ug/kg | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | |
| Hexachloroethane | ug/kg | 500 | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 35 U | 38 U | 41 U | 38 U |
| Isophorone | ug/kg | 8000 | | | | |
| Naphthalene | ug/kg | 12000 | 35 U | 38 U | 28 | 38 U |
| Nitrobenzene | ug/kg | 100 | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | |
| Phenanthrene | ug/kg | | 35 U | 38 U | 41 U | 38 U |
| Phenol | ug/kg | 100000 | | | | |
| Pyrene | ug/kg | 4200000 | 35 U | 38 U | 41 U | 38 U |

# Table 7
# Illinois Railway Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WS-7-4 (18.0) | WS-8-1 (3.5) | WS-8-2 (10.5) | WS-8-3 (19.0) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-7 | IR-WS-8 | IR-WS-8 | IR-WS-8 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | | | | |
| 1,2-Dichlorobenzene | ug/kg | 17000 | | | | |
| 1,3-Dichlorobenzene | ug/kg | | | | | |
| 1,4-Dichlorobenzene | ug/kg | 2000 | | | | |
| 2,2-oxybis[1-chloropropane] | ug/kg | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | | |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | | |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | | |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | | |
| 2,4-Dinitrophenol | ug/kg | 200 | | | | |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | | |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | | |
| 2-Chloronaphthalene | ug/kg | | | | | |
| 2-Chlorophenol | ug/kg | 4000 | | | | |
| 2-Methylnaphthalene | ug/kg | | | | | |
| 2-Methylphenol | ug/kg | 15000 | | | | |
| 2-Nitroaniline | ug/kg | | | | | |
| 2-Nitrophenol | ug/kg | | | | | |
| 3 & 4 Methylphenol | ug/kg | | | | | |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | | |
| 3-Nitroaniline | ug/kg | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | | |
| 4-Bromophenyl-phenylether | ug/kg | | | | | |
| 4-Chloro-3-methylphenol | ug/kg | | | | | |
| 4-Chloroaniline | ug/kg | 700 | | | | |
| 4-Chlorophenyl-phenylether | ug/kg | | | | | |
| 4-Nitroaniline | ug/kg | | | | | |
| 4-Nitrophenol | ug/kg | | | | | |
| Acenaphthene | ug/kg | 570000 | 35 U | 36 U | 41 U | 41 U |
| Acenaphthylene | ug/kg | | 35 U | 36 U | 41 U | 41 U |
| Anthracene | ug/kg | 1.2E+07 | 35 U | 36 U | 41 U | 41 U |
| Benzo(a)anthracene | ug/kg | 2000 | 35 U | 36 U | 41 U | 41 U |
| Benzo(a)pyrene | ug/kg | 8000 | 35 U | 36 U | 41 U | 41 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 35 U | 36 U | 41 U | 41 U |
| Benzo(g,h,i)perylene | ug/kg | | 35 U | 36 U | 41 U | 41 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 35 U | 36 U | 41 U | 41 U |
| bis(2-Chloroethoxy)methane | ug/kg | | | | | |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | | |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | | |
| Butyl benzyl phthalate | ug/kg | 930000 | | | | |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-7-4 (18.0) | WS-8-1 (3.5) | WS-8-2 (10.5) | WS-8-3 (19.0) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 8/24/2012 | 8/24/2012 |
| Station Name | | | IR-WS-7 | IR-WS-8 | IR-WS-8 | IR-WS-8 |
| Carbazole | ug/kg | 600 | | | | |
| Chrysene | ug/kg | 160000 | 35 U | 36 U | 41 U | 41 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 35 U | 36 U | 41 U | 41 U |
| Dibenzofuran | ug/kg | | | | | |
| Diethylphthalate | ug/kg | 470000 | | | | |
| Dimethyl phthalate | ug/kg | | | | | |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | | |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | | |
| Fluoranthene | ug/kg | 4300000 | 35 U | 36 U | 41 U | 41 U |
| Fluorene | ug/kg | 560000 | 35 U | 36 U | 41 U | 41 U |
| Hexachlorobenzene | ug/kg | 2000 | | | | |
| Hexachlorobutadiene | ug/kg | | | | | |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | | |
| Hexachloroethane | ug/kg | 500 | | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 35 U | 36 U | 41 U | 41 U |
| Isophorone | ug/kg | 8000 | | | | |
| Naphthalene | ug/kg | 12000 | 35 U | 36 U | 480 | 750 |
| Nitrobenzene | ug/kg | 100 | | | | |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | | |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | | |
| Pentachlorophenol | ug/kg | 30 | | | | |
| Phenanthrene | ug/kg | | 35 U | 36 U | 41 U | 41 U |
| Phenol | ug/kg | 100000 | | | | |
| Pyrene | ug/kg | 4200000 | 35 U | 36 U | 41 U | 41 U |

# Table 7
# Illinois Railway Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | WS-9-1 (2.5) | WS-9-2 (13.5) | GP-01A (8-10) | GP-01B (16-18) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-WS-9 | IR-WS-9 | IR-GP-01 | IR-GP-01 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | | | 180 U | 190 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | | | 180 U | 190 U |
| 1,3-Dichlorobenzene | ug/kg | | | | 180 U | 190 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | | | 180 U | 190 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | | | 180 U | 190 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | | | 350 U | 370 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | | | 350 U | 370 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | | | 350 U | 370 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | | | 350 U | 190 |
| 2,4-Dinitrophenol | ug/kg | 200 | | | 720 U | 750 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | | | 180 U | 190 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | | | 180 U | 190 U |
| 2-Chloronaphthalene | ug/kg | | | | 180 U | 190 U |
| 2-Chlorophenol | ug/kg | 4000 | | | 180 U | 190 U |
| 2-Methylnaphthalene | ug/kg | | | | 35 U | 1500 |
| 2-Methylphenol | ug/kg | 15000 | | | 180 U | 190 U |
| 2-Nitroaniline | ug/kg | | | | 180 U | 190 U |
| 2-Nitrophenol | ug/kg | | | | 350 U | 370 U |
| 3 & 4 Methylphenol | ug/kg | | | | 180 U | 190 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | | | 180 U | 190 U |
| 3-Nitroaniline | ug/kg | | | | 350 U | 370 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | | | 350 U | 370 U |
| 4-Bromophenyl-phenylether | ug/kg | | | | 180 U | 190 U |
| 4-Chloro-3-methylphenol | ug/kg | | | | 350 U | 370 U |
| 4-Chloroaniline | ug/kg | 700 | | | 720 U | 750 U |
| 4-Chlorophenyl-phenylether | ug/kg | | | | 180 U | 190 U |
| 4-Nitroaniline | ug/kg | | | | 350 U | 370 U |
| 4-Nitrophenol | ug/kg | | | | 720 U | 750 U |
| Acenaphthene | ug/kg | 570000 | 37 U | 150 | 35 U | 12 |
| Acenaphthylene | ug/kg | | 20 | 62 | 35 U | 37 U |
| Anthracene | ug/kg | 1.2E+07 | 37 | 83 | 35 U | 37 U |
| Benzo(a)anthracene | ug/kg | 2000 | 67 | 26 | 35 U | 8 |
| Benzo(a)pyrene | ug/kg | 8000 | 69 | 19 | 35 U | 9 |
| Benzo(b)fluoranthene | ug/kg | 5000 | 76 | 37 U | 35 U | 37 U |
| Benzo(g,h,i)perylene | ug/kg | | 84 | 21 | 35 U | 37 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 74 | 37 U | 35 U | 37 U |
| bis(2-Chloroethoxy)methane | ug/kg | | | | 180 U | 190 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | | | 180 U | 190 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | | | 180 U | 190 U |
| Butyl benzyl phthalate | ug/kg | 930000 | | | 180 U | 190 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-9-1 (2.5) | WS-9-2 (13.5) | GP-01A (8-10) | GP-01B (16-18) |
|---|---|---|---|---|---|---|
| Sample Date | | | 8/24/2012 | 8/24/2012 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-WS-9 | IR-WS-9 | IR-GP-01 | IR-GP-01 |
| Carbazole | ug/kg | 600 | | | 180 U | 190 U |
| Chrysene | ug/kg | 160000 | 92 | 22 | 35 U | 37 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 37 U | 37 U | 35 U | 37 U |
| Dibenzofuran | ug/kg | | | | 180 U | 190 U |
| Diethylphthalate | ug/kg | 470000 | | | 180 U | 190 U |
| Dimethyl phthalate | ug/kg | | | | 180 U | 190 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | | | 180 U | 190 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | | | 180 U | 190 U |
| Fluoranthene | ug/kg | 4300000 | 150 | 69 | 35 U | 21 |
| Fluorene | ug/kg | 560000 | 37 U | 150 | 35 U | 38 |
| Hexachlorobenzene | ug/kg | 2000 | | | 72 U | 75 U |
| Hexachlorobutadiene | ug/kg | | | | 180 U | 190 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | | | 720 U | 750 U |
| Hexachloroethane | ug/kg | 500 | | | 180 U | 190 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 51 | 37 U | 35 U | 37 U |
| Isophorone | ug/kg | 8000 | | | 180 U | 190 U |
| Naphthalene | ug/kg | 12000 | 59 | 1200 | 35 U | 930 |
| Nitrobenzene | ug/kg | 100 | | | 35 U | 37 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | | | 180 U | 190 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | | | 180 U | 190 U |
| Pentachlorophenol | ug/kg | 30 | | | 720 U | 750 U |
| Phenanthrene | ug/kg | | 170 | 360 | 35 U | 100 |
| Phenol | ug/kg | 100000 | | | 180 U | 190 U |
| Pyrene | ug/kg | 4200000 | 120 | 100 | 35 U | 34 |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-02A (8-10) | GP-02B (16-18) | GP-03A (8-10) | GP-03B (16-18) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-02 | IR-GP-02 | IR-GP-03 | IR-GP-03 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 180 U | 880 U | 180 U | 190 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 180 U | 880 U | 180 U | 190 U |
| 1,3-Dichlorobenzene | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 180 U | 880 U | 180 U | 190 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 360 U | 1700 U | 360 U | 370 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 360 U | 1700 U | 360 U | 370 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 360 U | 1700 U | 360 U | 370 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 360 U | 1700 U | 360 U | 400 |
| 2,4-Dinitrophenol | ug/kg | 200 | 730 U | 3500 U | 740 U | 750 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 180 U | 880 U | 180 U | 190 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 180 U | 880 U | 180 U | 190 U |
| 2-Chloronaphthalene | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 2-Chlorophenol | ug/kg | 4000 | 180 U | 880 U | 180 U | 190 U |
| 2-Methylnaphthalene | ug/kg | | 36 U | 5500 | 36 U | 1800 |
| 2-Methylphenol | ug/kg | 15000 | 180 U | 880 U | 180 U | 190 U |
| 2-Nitroaniline | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 2-Nitrophenol | ug/kg | | 360 U | 1700 U | 360 U | 370 U |
| 3 & 4 Methylphenol | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 180 U | 880 U | 180 U | 190 U |
| 3-Nitroaniline | ug/kg | | 360 U | 1700 U | 360 U | 370 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 360 U | 1700 U | 360 U | 370 U |
| 4-Bromophenyl-phenylether | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 4-Chloro-3-methylphenol | ug/kg | | 360 U | 1700 U | 360 U | 370 U |
| 4-Chloroaniline | ug/kg | 700 | 730 U | 3500 U | 740 U | 750 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| 4-Nitroaniline | ug/kg | | 360 U | 1700 U | 360 U | 370 U |
| 4-Nitrophenol | ug/kg | | 730 U | 3500 U | 740 U | 750 U |
| Acenaphthene | ug/kg | 570000 | 36 U | 170 U | 36 U | 37 U |
| Acenaphthylene | ug/kg | | 36 U | 170 U | 36 U | 37 U |
| Anthracene | ug/kg | 1.2E+07 | 36 U | 170 U | 36 U | 37 U |
| Benzo(a)anthracene | ug/kg | 2000 | 36 U | 170 U | 36 U | 37 U |
| Benzo(a)pyrene | ug/kg | 8000 | 36 U | 170 U | 36 U | 37 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 36 U | 170 U | 36 U | 37 U |
| Benzo(g,h,i)perylene | ug/kg | | 36 U | 170 U | 36 U | 37 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 36 U | 170 U | 36 U | 37 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 180 U | 880 U | 180 U | 190 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 180 U | 880 U | 180 U | 190 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 180 U | 880 U | 180 U | 190 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-02A (8-10) | GP-02B (16-18) | GP-03A (8-10) | GP-03B (16-18) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-02 | IR-GP-02 | IR-GP-03 | IR-GP-03 |
| Carbazole | ug/kg | 600 | 180 U | 880 U | 180 U | 190 U |
| Chrysene | ug/kg | 160000 | 36 U | 170 U | 36 U | 37 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 36 U | 170 U | 36 U | 37 U |
| Dibenzofuran | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| Diethylphthalate | ug/kg | 470000 | 180 U | 880 U | 180 U | 190 U |
| Dimethyl phthalate | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 180 U | 880 U | 180 U | 190 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 180 U | 880 U | 180 U | 190 U |
| Fluoranthene | ug/kg | 4300000 | 36 U | 63 | 36 U | 9 |
| Fluorene | ug/kg | 560000 | 36 U | 120 | 36 U | 20 |
| Hexachlorobenzene | ug/kg | 2000 | 73 U | 350 U | 74 U | 75 U |
| Hexachlorobutadiene | ug/kg | | 180 U | 880 U | 180 U | 190 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 730 U | 3500 U | 740 U | 750 U |
| Hexachloroethane | ug/kg | 500 | 180 U | 880 U | 180 U | 190 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 36 U | 170 U | 36 U | 37 U |
| Isophorone | ug/kg | 8000 | 180 U | 880 U | 180 U | 190 U |
| Naphthalene | ug/kg | 12000 | 36 U | 5300 | 36 U | 1600 |
| Nitrobenzene | ug/kg | 100 | 36 U | 170 U | 36 U | 37 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 180 U | 880 U | 180 U | 190 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 180 U | 880 U | 180 U | 190 U |
| Pentachlorophenol | ug/kg | 30 | 730 U | 3500 U | 740 U | 750 U |
| Phenanthrene | ug/kg | | 36 U | 240 | 36 U | 24 |
| Phenol | ug/kg | 100000 | 180 U | 880 U | 180 U | 190 U |
| Pyrene | ug/kg | 4200000 | 36 U | 100 | 36 U | 37 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-05A (8-10) | GP-05B (15-17) | GP-06A (8-10) | GP-06B (18-20)D |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-05 | IR-GP-05 | IR-GP-06 | IR-GP-06 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 180 U | 910 U | 170 U | 180 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 180 U | 910 U | 170 U | 180 U |
| 1,3-Dichlorobenzene | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 180 U | 910 U | 170 U | 180 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 350 U | 1800 U | 340 U | 350 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 350 U | 1800 U | 340 U | 350 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 350 U | 1800 U | 340 U | 350 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 350 U | 1800 U | 340 U | 350 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 710 U | 3600 U | 680 U | 720 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 180 U | 910 U | 170 U | 180 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 180 U | 910 U | 170 U | 180 U |
| 2-Chloronaphthalene | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 2-Chlorophenol | ug/kg | 4000 | 180 U | 910 U | 170 U | 180 U |
| 2-Methylnaphthalene | ug/kg | | 35 U | 5800 | 34 U | 510 |
| 2-Methylphenol | ug/kg | 15000 | 180 U | 910 U | 170 U | 180 U |
| 2-Nitroaniline | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 2-Nitrophenol | ug/kg | | 350 U | 1800 U | 340 U | 350 U |
| 3 & 4 Methylphenol | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 180 U | 910 U | 170 U | 180 U |
| 3-Nitroaniline | ug/kg | | 350 U | 1800 U | 340 U | 350 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 350 U | 1800 U | 340 U | 350 U |
| 4-Bromophenyl-phenylether | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 4-Chloro-3-methylphenol | ug/kg | | 350 U | 1800 U | 340 U | 350 U |
| 4-Chloroaniline | ug/kg | 700 | 710 U | 3600 U | 680 U | 720 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| 4-Nitroaniline | ug/kg | | 350 U | 1800 U | 340 U | 350 U |
| 4-Nitrophenol | ug/kg | | 710 U | 3600 U | 680 U | 720 U |
| Acenaphthene | ug/kg | 570000 | 35 U | 180 U | 34 U | 35 U |
| Acenaphthylene | ug/kg | | 35 U | 180 U | 34 U | 35 U |
| Anthracene | ug/kg | 1.2E+07 | 35 U | 180 U | 34 U | 35 U |
| Benzo(a)anthracene | ug/kg | 2000 | 35 U | 180 U | 34 U | 12 |
| Benzo(a)pyrene | ug/kg | 8000 | 35 U | 180 U | 34 U | 8 |
| Benzo(b)fluoranthene | ug/kg | 5000 | 35 U | 180 U | 34 U | 9 |
| Benzo(g,h,i)perylene | ug/kg | | 35 U | 180 U | 34 U | 35 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 35 U | 180 U | 34 U | 35 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 180 U | 910 U | 170 U | 180 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 180 U | 910 U | 170 U | 260 |
| Butyl benzyl phthalate | ug/kg | 930000 | 180 U | 910 U | 170 U | 180 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-05A (8-10) | GP-05B (15-17) | GP-06A (8-10) | GP-06B (18-20)D |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-05 | IR-GP-05 | IR-GP-06 | IR-GP-06 |
| Carbazole | ug/kg | 600 | 180 U | 910 U | 170 U | 180 U |
| Chrysene | ug/kg | 160000 | 35 U | 180 U | 34 U | 35 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 35 U | 180 U | 34 U | 35 U |
| Dibenzofuran | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| Diethylphthalate | ug/kg | 470000 | 180 U | 910 U | 170 U | 180 U |
| Dimethyl phthalate | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 180 U | 910 U | 170 U | 180 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 180 U | 630 | 170 U | 180 U |
| Fluoranthene | ug/kg | 4300000 | 35 U | 180 U | 34 U | 40 |
| Fluorene | ug/kg | 560000 | 35 U | 150 | 34 U | 35 U |
| Hexachlorobenzene | ug/kg | 2000 | 71 U | 360 U | 68 U | 72 U |
| Hexachlorobutadiene | ug/kg | | 180 U | 910 U | 170 U | 180 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 710 U | 3600 U | 680 U | 720 U |
| Hexachloroethane | ug/kg | 500 | 180 U | 910 U | 170 U | 180 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 35 U | 180 U | 34 U | 35 U |
| Isophorone | ug/kg | 8000 | 180 U | 910 U | 170 U | 180 U |
| Naphthalene | ug/kg | 12000 | 35 U | 3500 | 34 U | 8 |
| Nitrobenzene | ug/kg | 100 | 35 U | 180 U | 34 U | 35 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 180 U | 910 U | 170 U | 180 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 180 U | 910 U | 170 U | 180 U |
| Pentachlorophenol | ug/kg | 30 | 710 U | 3600 U | 680 U | 720 U |
| Phenanthrene | ug/kg | | 35 U | 190 | 34 U | 35 |
| Phenol | ug/kg | 100000 | 180 U | 910 U | 170 U | 180 U |
| Pyrene | ug/kg | 4200000 | 35 U | 52 | 34 U | 33 |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-06B (18-20) | GP-07B (8-10)D | GP-08A (8-10) | GP-08B (13-15) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-06 | IR-GP-07 | IR-GP-08 | IR-GP-08 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 180 U | 180 U | 170 U | 180 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 180 U | 180 U | 170 U | 180 U |
| 1,3-Dichlorobenzene | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 180 U | 180 U | 170 U | 180 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 360 U | 360 U | 340 U | 350 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 360 U | 360 U | 340 U | 350 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 360 U | 360 U | 340 U | 350 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 360 U | 360 U | 340 U | 350 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 730 U | 720 U | 690 U | 700 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 180 U | 180 U | 170 U | 180 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 180 U | 180 U | 170 U | 180 U |
| 2-Chloronaphthalene | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 2-Chlorophenol | ug/kg | 4000 | 180 U | 180 U | 170 U | 180 U |
| 2-Methylnaphthalene | ug/kg | | 2200 | 1100 | 34 U | 290 |
| 2-Methylphenol | ug/kg | 15000 | 180 U | 180 U | 170 U | 180 U |
| 2-Nitroaniline | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 2-Nitrophenol | ug/kg | | 360 U | 360 U | 340 U | 350 U |
| 3 & 4 Methylphenol | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 180 U | 180 U | 170 U | 180 U |
| 3-Nitroaniline | ug/kg | | 360 U | 360 U | 340 U | 350 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 360 U | 360 U | 340 U | 350 U |
| 4-Bromophenyl-phenylether | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 4-Chloro-3-methylphenol | ug/kg | | 360 U | 360 U | 340 U | 350 U |
| 4-Chloroaniline | ug/kg | 700 | 730 U | 720 U | 690 U | 700 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| 4-Nitroaniline | ug/kg | | 360 U | 360 U | 340 U | 350 U |
| 4-Nitrophenol | ug/kg | | 730 U | 720 U | 690 U | 700 U |
| Acenaphthene | ug/kg | 570000 | 32 | 36 U | 34 U | 35 U |
| Acenaphthylene | ug/kg | | 36 U | 36 U | 34 U | 35 U |
| Anthracene | ug/kg | 1.2E+07 | 36 U | 36 U | 34 U | 35 U |
| Benzo(a)anthracene | ug/kg | 2000 | 28 | 36 U | 34 U | 35 U |
| Benzo(a)pyrene | ug/kg | 8000 | 15 | 36 U | 34 U | 35 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 21 | 36 U | 34 U | 35 U |
| Benzo(g,h,i)perylene | ug/kg | | 13 | 36 U | 34 U | 35 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 36 U | 36 U | 34 U | 35 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 180 U | 180 U | 170 U | 180 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 180 U | 180 U | 170 U | 180 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 180 U | 180 U | 170 U | 180 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-06B (18-20) | GP-07B (8-10)D | GP-08A (8-10) | GP-08B (13-15) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/19/2013 | 12/19/2013 | 12/19/2013 | 12/19/2013 |
| Station Name | | | IR-GP-06 | IR-GP-07 | IR-GP-08 | IR-GP-08 |
| Carbazole | ug/kg | 600 | 180 U | 180 U | 170 U | 180 U |
| Chrysene | ug/kg | 160000 | 18 | 36 U | 34 U | 35 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 36 U | 36 U | 34 U | 35 U |
| Dibenzofuran | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| Diethylphthalate | ug/kg | 470000 | 180 U | 180 U | 170 U | 180 U |
| Dimethyl phthalate | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 180 U | 180 U | 170 U | 180 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 180 U | 180 U | 170 U | 180 U |
| Fluoranthene | ug/kg | 4300000 | 120 | 19 | 34 U | 35 U |
| Fluorene | ug/kg | 560000 | 59 | 36 U | 34 U | 35 U |
| Hexachlorobenzene | ug/kg | 2000 | 73 U | 72 U | 69 U | 70 U |
| Hexachlorobutadiene | ug/kg | | 180 U | 180 U | 170 U | 180 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 730 U | 720 U | 690 U | 700 U |
| Hexachloroethane | ug/kg | 500 | 180 U | 180 U | 170 U | 180 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 36 U | 36 U | 34 U | 35 U |
| Isophorone | ug/kg | 8000 | 180 U | 180 U | 170 U | 180 U |
| Naphthalene | ug/kg | 12000 | 99 | 570 | 34 U | 200 |
| Nitrobenzene | ug/kg | 100 | 36 U | 36 U | 34 U | 35 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 180 U | 180 U | 170 U | 180 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 180 U | 180 U | 170 U | 180 U |
| Pentachlorophenol | ug/kg | 30 | 730 U | 720 U | 690 U | 700 U |
| Phenanthrene | ug/kg | | 190 | 40 | 34 U | 35 U |
| Phenol | ug/kg | 100000 | 180 U | 180 U | 170 U | 180 U |
| Pyrene | ug/kg | 4200000 | 88 | 11 | 34 U | 35 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-04A (8-10) | GP-04B (12-14) | GP-07A (4-6) | GP-07B (8-10) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 |
| Station Name | | | IR-GP-04 | IR-GP-04 | IR-GP-07 | IR-GP-07 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 190 U | 180 U | 200 U | 200 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 190 U | 180 U | 200 U | 200 U |
| 1,3-Dichlorobenzene | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 190 U | 180 U | 200 U | 200 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 370 U | 350 U | 390 U | 390 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 370 U | 350 U | 390 U | 390 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 370 U | 350 U | 390 U | 390 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 370 U | 350 U | 390 U | 390 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 760 U | 710 U | 800 U | 790 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 190 U | 180 U | 200 U | 200 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 190 U | 180 U | 200 U | 200 U |
| 2-Chloronaphthalene | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 2-Chlorophenol | ug/kg | 4000 | 190 U | 180 U | 200 U | 200 U |
| 2-Methylnaphthalene | ug/kg | | 37 U | 5200 | 480 | 1700 |
| 2-Methylphenol | ug/kg | 15000 | 190 U | 180 U | 200 U | 200 U |
| 2-Nitroaniline | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 2-Nitrophenol | ug/kg | | 370 U | 350 U | 390 U | 390 U |
| 3 & 4 Methylphenol | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 190 U | 180 U | 200 U | 200 U |
| 3-Nitroaniline | ug/kg | | 370 U | 350 U | 390 U | 390 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 370 U | 350 U | 390 U | 390 U |
| 4-Bromophenyl-phenylether | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 4-Chloro-3-methylphenol | ug/kg | | 370 U | 350 U | 390 U | 390 U |
| 4-Chloroaniline | ug/kg | 700 | 760 U | 710 U | 800 U | 790 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| 4-Nitroaniline | ug/kg | | 370 U | 350 U | 390 U | 390 U |
| 4-Nitrophenol | ug/kg | | 760 U | 710 U | 800 U | 790 U |
| Acenaphthene | ug/kg | 570000 | 37 U | 61 | 39 U | 39 U |
| Acenaphthylene | ug/kg | | 37 U | 35 U | 39 U | 39 U |
| Anthracene | ug/kg | 1.2E+07 | 37 U | 50 | 39 U | 39 U |
| Benzo(a)anthracene | ug/kg | 2000 | 37 U | 14 | 39 U | 39 U |
| Benzo(a)pyrene | ug/kg | 8000 | 37 U | 7 | 39 U | 39 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 37 U | 8 | 39 U | 39 U |
| Benzo(g,h,i)perylene | ug/kg | | 37 U | 12 | 39 U | 39 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 37 U | 35 U | 39 U | 39 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 190 U | 180 U | 200 U | 200 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 190 U | 180 U | 200 U | 200 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 190 U | 180 U | 200 U | 200 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-04A (8-10) | GP-04B (12-14) | GP-07A (4-6) | GP-07B (8-10) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 |
| Station Name | | | IR-GP-04 | IR-GP-04 | IR-GP-07 | IR-GP-07 |
| Carbazole | ug/kg | 600 | 190 U | 180 U | 200 U | 200 U |
| Chrysene | ug/kg | 160000 | 37 U | 9 | 39 U | 39 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 37 U | 35 U | 39 U | 39 U |
| Dibenzofuran | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| Diethylphthalate | ug/kg | 470000 | 190 U | 180 U | 200 U | 200 U |
| Dimethyl phthalate | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 190 U | 180 U | 200 U | 200 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 190 U | 180 U | 200 U | 200 U |
| Fluoranthene | ug/kg | 4300000 | 37 U | 53 | 29 | 13 |
| Fluorene | ug/kg | 560000 | 37 U | 100 | 39 U | 39 U |
| Hexachlorobenzene | ug/kg | 2000 | 76 U | 71 U | 80 U | 79 U |
| Hexachlorobutadiene | ug/kg | | 190 U | 180 U | 200 U | 200 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 760 U | 710 U | 800 U | 790 U |
| Hexachloroethane | ug/kg | 500 | 190 U | 180 U | 200 U | 200 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 37 U | 35 U | 39 U | 39 U |
| Isophorone | ug/kg | 8000 | 190 U | 180 U | 200 U | 200 U |
| Naphthalene | ug/kg | 12000 | 37 U | 1600 | 310 | 550 |
| Nitrobenzene | ug/kg | 100 | 37 U | 35 U | 39 U | 39 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 190 U | 180 U | 200 U | 200 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 190 U | 180 U | 200 U | 200 U |
| Pentachlorophenol | ug/kg | 30 | 760 U | 710 U | 800 U | 790 U |
| Phenanthrene | ug/kg | | 8 | 250 | 74 | 45 |
| Phenol | ug/kg | 100000 | 190 U | 180 U | 200 U | 200 U |
| Pyrene | ug/kg | 4200000 | 37 U | 68 | 18 | 9 |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-09A (5-7) | GP-09B (8-10) | GP-10A (0-3) | GP-10B (11-13) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 |
| Station Name | | | IR-GP-09 | IR-GP-09 | IR-GP-10 | IR-GP-10 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 180 U | 180 U | 200 U | 170 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 180 U | 180 U | 200 U | 170 U |
| 1,3-Dichlorobenzene | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 180 U | 180 U | 200 U | 170 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 360 U | 360 U | 390 U | 340 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 360 U | 360 U | 390 U | 340 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 360 U | 360 U | 390 U | 340 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 360 U | 360 U | 390 U | 340 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 730 U | 730 U | 790 U | 690 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 180 U | 180 U | 200 U | 170 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 180 U | 180 U | 200 U | 170 U |
| 2-Chloronaphthalene | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 2-Chlorophenol | ug/kg | 4000 | 180 U | 180 U | 200 U | 170 U |
| 2-Methylnaphthalene | ug/kg | | 36 U | 36 U | 35 | 34 U |
| 2-Methylphenol | ug/kg | 15000 | 180 U | 180 U | 200 U | 170 U |
| 2-Nitroaniline | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 2-Nitrophenol | ug/kg | | 360 U | 360 U | 390 U | 340 U |
| 3 & 4 Methylphenol | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 180 U | 180 U | 200 U | 170 U |
| 3-Nitroaniline | ug/kg | | 360 U | 360 U | 390 U | 340 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 360 U | 360 U | 390 U | 340 U |
| 4-Bromophenyl-phenylether | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 4-Chloro-3-methylphenol | ug/kg | | 360 U | 360 U | 390 U | 340 U |
| 4-Chloroaniline | ug/kg | 700 | 730 U | 730 U | 790 U | 690 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| 4-Nitroaniline | ug/kg | | 360 U | 360 U | 390 U | 340 U |
| 4-Nitrophenol | ug/kg | | 730 U | 730 U | 790 U | 690 U |
| Acenaphthene | ug/kg | 570000 | 36 U | 36 U | 39 U | 34 U |
| Acenaphthylene | ug/kg | | 36 U | 36 U | 39 U | 34 U |
| Anthracene | ug/kg | 1.2E+07 | 36 U | 36 U | 39 U | 34 U |
| Benzo(a)anthracene | ug/kg | 2000 | 36 U | 36 U | 13 | 34 U |
| Benzo(a)pyrene | ug/kg | 8000 | 36 U | 36 U | 12 | 34 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 36 U | 36 U | 19 | 34 U |
| Benzo(g,h,i)perylene | ug/kg | | 36 U | 36 U | 39 U | 34 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 36 U | 36 U | 39 U | 34 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 180 U | 180 U | 200 U | 170 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 180 U | 180 U | 200 U | 63 |
| Butyl benzyl phthalate | ug/kg | 930000 | 180 U | 180 U | 200 U | 170 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-09A (5-7) | GP-09B (8-10) | GP-10A (0-3) | GP-10B (11-13) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 12/20/2013 |
| Station Name | | | IR-GP-09 | IR-GP-09 | IR-GP-10 | IR-GP-10 |
| Carbazole | ug/kg | 600 | 180 U | 180 U | 200 U | 170 U |
| Chrysene | ug/kg | 160000 | 36 U | 36 U | 18 | 34 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 36 U | 36 U | 39 U | 34 U |
| Dibenzofuran | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| Diethylphthalate | ug/kg | 470000 | 180 U | 180 U | 200 U | 170 U |
| Dimethyl phthalate | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 180 U | 180 U | 200 U | 170 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 120 | 73 | 200 U | 170 U |
| Fluoranthene | ug/kg | 4300000 | 36 U | 36 U | 27 | 34 U |
| Fluorene | ug/kg | 560000 | 36 U | 36 U | 39 U | 34 U |
| Hexachlorobenzene | ug/kg | 2000 | 73 U | 73 U | 79 U | 69 U |
| Hexachlorobutadiene | ug/kg | | 180 U | 180 U | 200 U | 170 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 730 U | 730 U | 790 U | 690 U |
| Hexachloroethane | ug/kg | 500 | 180 U | 180 U | 200 U | 170 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 36 U | 36 U | 39 U | 34 U |
| Isophorone | ug/kg | 8000 | 180 U | 180 U | 200 U | 170 U |
| Naphthalene | ug/kg | 12000 | 36 U | 36 U | 39 U | 34 U |
| Nitrobenzene | ug/kg | 100 | 36 U | 36 U | 39 U | 34 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 180 U | 180 U | 200 U | 170 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 180 U | 180 U | 200 U | 170 U |
| Pentachlorophenol | ug/kg | 30 | 730 U | 730 U | 790 U | 690 U |
| Phenanthrene | ug/kg | | 36 U | 36 U | 32 | 34 U |
| Phenol | ug/kg | 100000 | 180 U | 180 U | 200 U | 170 U |
| Pyrene | ug/kg | 4200000 | 36 U | 36 U | 23 | 34 U |

# Table 7
# Illinois Railway Soil Data - SVOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | GP-11A (8-10) | GP-11B (17-19)D | GP-11B (17-19) | GP-12A (8-10) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 3/27/2014 |
| Station Name | | | IR-GP-11 | IR-GP-11 | IR-GP-11 | IR-GP-12 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 170 U | 180 U | 180 U | 200 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 170 U | 180 U | 180 U | 200 U |
| 1,3-Dichlorobenzene | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 170 U | 180 U | 180 U | 200 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 340 U | 360 U | 360 U | 390 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 340 U | 360 U | 360 U | 390 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 340 U | 360 U | 360 U | 390 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 340 U | 360 U | 360 U | 390 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 690 U | 720 U | 740 U | 790 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 170 U | 180 U | 180 U | 200 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 170 U | 180 U | 180 U | 200 U |
| 2-Chloronaphthalene | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 2-Chlorophenol | ug/kg | 4000 | 170 U | 180 U | 180 U | 200 U |
| 2-Methylnaphthalene | ug/kg | | 34 U | 20000 | 4100 | 39 U |
| 2-Methylphenol | ug/kg | 15000 | 170 U | 180 U | 180 U | 200 U |
| 2-Nitroaniline | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 2-Nitrophenol | ug/kg | | 340 U | 360 U | 360 U | 390 U |
| 3 & 4 Methylphenol | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 170 U | 180 U | 180 U | 200 U |
| 3-Nitroaniline | ug/kg | | 340 U | 360 U | 360 U | 390 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 340 U | 360 U | 360 U | 390 U |
| 4-Bromophenyl-phenylether | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 4-Chloro-3-methylphenol | ug/kg | | 340 U | 360 U | 360 U | 390 U |
| 4-Chloroaniline | ug/kg | 700 | 690 U | 720 U | 740 U | 790 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| 4-Nitroaniline | ug/kg | | 340 U | 360 U | 360 U | 390 U |
| 4-Nitrophenol | ug/kg | | 690 U | 720 U | 740 U | 790 U |
| Acenaphthene | ug/kg | 570000 | 34 U | 26 | 36 U | 39 U |
| Acenaphthylene | ug/kg | | 34 U | 36 U | 36 U | 39 U |
| Anthracene | ug/kg | 1.2E+07 | 34 U | 36 U | 36 U | 39 U |
| Benzo(a)anthracene | ug/kg | 2000 | 34 U | 36 U | 36 U | 39 U |
| Benzo(a)pyrene | ug/kg | 8000 | 34 U | 36 U | 36 U | 39 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 34 U | 36 U | 36 U | 39 U |
| Benzo(g,h,i)perylene | ug/kg | | 34 U | 36 U | 36 U | 39 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 34 U | 36 U | 36 U | 39 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 170 U | 180 U | 180 U | 200 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 170 U | 180 U | 180 U | 200 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 170 U | 180 U | 180 U | 200 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-11A (8-10) | GP-11B (17-19)D | GP-11B (17-19) | GP-12A (8-10) |
|---|---|---|---|---|---|---|
| Sample Date | | | 12/20/2013 | 12/20/2013 | 12/20/2013 | 3/27/2014 |
| Station Name | | | IR-GP-11 | IR-GP-11 | IR-GP-11 | IR-GP-12 |
| Carbazole | ug/kg | 600 | 170 U | 180 U | 180 U | 200 U |
| Chrysene | ug/kg | 160000 | 34 U | 36 U | 36 U | 39 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 34 U | 36 U | 36 U | 39 U |
| Dibenzofuran | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| Diethylphthalate | ug/kg | 470000 | 170 U | 180 U | 180 U | 200 U |
| Dimethyl phthalate | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 170 U | 180 U | 180 U | 200 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 170 U | 180 U | 180 U | 200 U |
| Fluoranthene | ug/kg | 4300000 | 34 U | 19 | 36 U | 39 U |
| Fluorene | ug/kg | 560000 | 34 U | 49 | 36 U | 39 U |
| Hexachlorobenzene | ug/kg | 2000 | 69 U | 72 U | 74 U | 79 U |
| Hexachlorobutadiene | ug/kg | | 170 U | 180 U | 180 U | 200 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 690 U | 720 U | 740 U | 790 U |
| Hexachloroethane | ug/kg | 500 | 170 U | 180 U | 180 U | 200 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 34 U | 36 U | 36 U | 39 U |
| Isophorone | ug/kg | 8000 | 170 U | 180 U | 180 U | 200 U |
| Naphthalene | ug/kg | 12000 | 34 U | 16000 | 2200 | 39 U |
| Nitrobenzene | ug/kg | 100 | 34 U | 36 U | 36 U | 39 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 170 U | 180 U | 180 U | 200 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 170 U | 180 U | 180 U | 200 U |
| Pentachlorophenol | ug/kg | 30 | 690 U | 720 U | 740 U | 790 U |
| Phenanthrene | ug/kg | | 34 U | 230 | 41 | 39 U |
| Phenol | ug/kg | 100000 | 170 U | 180 U | 180 U | 200 U |
| Pyrene | ug/kg | 4200000 | 34 U | 25 | 8 | 39 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-12B (10-12) | GP-13A (8-10)D | GP-13A (8-10) | GP-13B (10-12) |
|---|---|---|---|---|---|---|
| Sample Date | | | 3/27/2014 | 3/27/2014 | 3/27/2014 | 3/27/2014 |
| Station Name | | | IR-GP-12 | IR-GP-13 | IR-GP-13 | IR-GP-13 |
| **SVOCs** | | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 200 U | 190 U | 180 U | 180 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 200 U | 190 U | 180 U | 180 U |
| 1,3-Dichlorobenzene | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 200 U | 190 U | 180 U | 180 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 390 U | 370 U | 360 U | 350 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 390 U | 370 U | 360 U | 350 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 390 U | 370 U | 360 U | 350 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 390 U | 370 U | 360 U | 350 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 790 U | 750 U | 730 U | 710 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 200 U | 190 U | 180 U | 180 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 200 U | 190 U | 180 U | 180 U |
| 2-Chloronaphthalene | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 2-Chlorophenol | ug/kg | 4000 | 200 U | 190 U | 180 U | 180 U |
| 2-Methylnaphthalene | ug/kg | | 39 U | 37 U | 36 U | 35 U |
| 2-Methylphenol | ug/kg | 15000 | 200 U | 190 U | 180 U | 180 U |
| 2-Nitroaniline | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 2-Nitrophenol | ug/kg | | 390 U | 370 U | 360 U | 350 U |
| 3 & 4 Methylphenol | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 200 U | 190 U | 180 U | 180 U |
| 3-Nitroaniline | ug/kg | | 390 U | 370 U | 360 U | 350 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 390 U | 370 U | 360 U | 350 U |
| 4-Bromophenyl-phenylether | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 4-Chloro-3-methylphenol | ug/kg | | 390 U | 370 U | 360 U | 350 U |
| 4-Chloroaniline | ug/kg | 700 | 790 U | 750 U | 730 U | 710 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| 4-Nitroaniline | ug/kg | | 390 U | 370 U | 360 U | 350 U |
| 4-Nitrophenol | ug/kg | | 790 U | 750 U | 730 U | 710 U |
| Acenaphthene | ug/kg | 570000 | 39 U | 37 U | 36 U | 35 U |
| Acenaphthylene | ug/kg | | 39 U | 37 U | 36 U | 35 U |
| Anthracene | ug/kg | 1.2E+07 | 39 U | 37 U | 36 U | 35 U |
| Benzo(a)anthracene | ug/kg | 2000 | 20 | 37 U | 36 U | 35 U |
| Benzo(a)pyrene | ug/kg | 8000 | 18 | 37 U | 36 U | 35 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 13 | 37 U | 36 U | 35 U |
| Benzo(g,h,i)perylene | ug/kg | | 24 | 37 U | 36 U | 35 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 39 U | 37 U | 36 U | 35 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 200 U | 190 U | 180 U | 180 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 200 U | 190 U | 180 U | 110 |
| Butyl benzyl phthalate | ug/kg | 930000 | 200 U | 190 U | 180 U | 180 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-12B (10-12) | GP-13A (8-10)D | GP-13A (8-10) | GP-13B (10-12) |
|---|---|---|---|---|---|---|
| Sample Date | | | 3/27/2014 | 3/27/2014 | 3/27/2014 | 3/27/2014 |
| Station Name | | | IR-GP-12 | IR-GP-13 | IR-GP-13 | IR-GP-13 |
| Carbazole | ug/kg | 600 | 200 U | 190 U | 180 U | 180 U |
| Chrysene | ug/kg | 160000 | 14 | 37 U | 36 U | 35 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 39 U | 37 U | 36 U | 35 U |
| Dibenzofuran | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| Diethylphthalate | ug/kg | 470000 | 200 U | 190 U | 180 U | 180 U |
| Dimethyl phthalate | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 200 U | 190 U | 180 U | 180 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 200 U | 190 U | 180 U | 180 U |
| Fluoranthene | ug/kg | 4300000 | 38 | 37 U | 36 U | 35 U |
| Fluorene | ug/kg | 560000 | 39 U | 37 U | 36 U | 35 U |
| Hexachlorobenzene | ug/kg | 2000 | 79 U | 75 U | 73 U | 71 U |
| Hexachlorobutadiene | ug/kg | | 200 U | 190 U | 180 U | 180 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 790 U | 750 U | 730 U | 710 U |
| Hexachloroethane | ug/kg | 500 | 200 U | 190 U | 180 U | 180 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 39 U | 37 U | 36 U | 35 U |
| Isophorone | ug/kg | 8000 | 200 U | 190 U | 180 U | 180 U |
| Naphthalene | ug/kg | 12000 | 39 U | 37 U | 36 U | 35 U |
| Nitrobenzene | ug/kg | 100 | 39 U | 37 U | 36 U | 35 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 200 U | 190 U | 180 U | 180 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 200 U | 190 U | 180 U | 180 U |
| Pentachlorophenol | ug/kg | 30 | 790 U | 750 U | 730 U | 710 U |
| Phenanthrene | ug/kg | | 39 U | 37 U | 36 U | 35 U |
| Phenol | ug/kg | 100000 | 200 U | 190 U | 180 U | 180 U |
| Pyrene | ug/kg | 4200000 | 75 | 37 U | 36 U | 35 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-14A (8-10) | GP-14B (16-18) | GP-15A (8-10) |
|---|---|---|---|---|---|
| Sample Date | | | 3/27/2014 | 3/27/2014 | 3/27/2014 |
| Station Name | | | IR-GP-14 | IR-GP-14 | IR-GP-15 |
| **SVOCs** | | | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 170 U | 190 U | 180 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 170 U | 190 U | 180 U |
| 1,3-Dichlorobenzene | ug/kg | | 170 U | 190 U | 180 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 170 U | 190 U | 180 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 170 U | 190 U | 180 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 340 U | 370 U | 360 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 340 U | 370 U | 360 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 340 U | 370 U | 360 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 340 U | 370 U | 360 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 700 U | 760 U | 740 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 170 U | 190 U | 180 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 170 U | 190 U | 180 U |
| 2-Chloronaphthalene | ug/kg | | 170 U | 190 U | 180 U |
| 2-Chlorophenol | ug/kg | 4000 | 170 U | 190 U | 180 U |
| 2-Methylnaphthalene | ug/kg | | 34 U | 90 | 36 U |
| 2-Methylphenol | ug/kg | 15000 | 170 U | 190 U | 180 U |
| 2-Nitroaniline | ug/kg | | 170 U | 190 U | 180 U |
| 2-Nitrophenol | ug/kg | | 340 U | 370 U | 360 U |
| 3 & 4 Methylphenol | ug/kg | | 170 U | 190 U | 180 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 170 U | 190 U | 180 U |
| 3-Nitroaniline | ug/kg | | 340 U | 370 U | 360 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 340 U | 370 U | 360 U |
| 4-Bromophenyl-phenylether | ug/kg | | 170 U | 190 U | 180 U |
| 4-Chloro-3-methylphenol | ug/kg | | 340 U | 370 U | 360 U |
| 4-Chloroaniline | ug/kg | 700 | 700 U | 760 U | 740 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 170 U | 190 U | 180 U |
| 4-Nitroaniline | ug/kg | | 340 U | 370 U | 360 U |
| 4-Nitrophenol | ug/kg | | 700 U | 760 U | 740 U |
| Acenaphthene | ug/kg | 570000 | 34 U | 37 U | 36 U |
| Acenaphthylene | ug/kg | | 34 U | 37 U | 36 U |
| Anthracene | ug/kg | 1.2E+07 | 34 U | 37 U | 36 U |
| Benzo(a)anthracene | ug/kg | 2000 | 34 U | 37 U | 36 U |
| Benzo(a)pyrene | ug/kg | 8000 | 34 U | 37 U | 36 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 34 U | 37 U | 36 U |
| Benzo(g,h,i)perylene | ug/kg | | 34 U | 37 U | 36 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 34 U | 37 U | 36 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 170 U | 190 U | 180 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 170 U | 190 U | 180 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 170 U | 340 | 320 |
| Butyl benzyl phthalate | ug/kg | 930000 | 170 U | 190 U | 180 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-14A (8-10) | GP-14B (16-18) | GP-15A (8-10) |
|---|---|---|---|---|---|
| Sample Date | | | 3/27/2014 | 3/27/2014 | 3/27/2014 |
| Station Name | | | IR-GP-14 | IR-GP-14 | IR-GP-15 |
| Carbazole | ug/kg | 600 | 170 U | 190 U | 180 U |
| Chrysene | ug/kg | 160000 | 34 U | 37 U | 36 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 34 U | 37 U | 36 U |
| Dibenzofuran | ug/kg | | 170 U | 190 U | 180 U |
| Diethylphthalate | ug/kg | 470000 | 170 U | 190 U | 180 U |
| Dimethyl phthalate | ug/kg | | 170 U | 190 U | 180 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 170 U | 190 U | 180 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 170 U | 190 U | 180 U |
| Fluoranthene | ug/kg | 4300000 | 34 U | 37 U | 36 U |
| Fluorene | ug/kg | 560000 | 34 U | 37 U | 36 U |
| Hexachlorobenzene | ug/kg | 2000 | 70 U | 76 U | 74 U |
| Hexachlorobutadiene | ug/kg | | 170 U | 190 U | 180 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 700 U | 760 U | 740 U |
| Hexachloroethane | ug/kg | 500 | 170 U | 190 U | 180 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 34 U | 37 U | 36 U |
| Isophorone | ug/kg | 8000 | 170 U | 190 U | 180 U |
| Naphthalene | ug/kg | 12000 | 34 U | 26 | 36 U |
| Nitrobenzene | ug/kg | 100 | 34 U | 37 U | 36 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 170 U | 190 U | 180 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 170 U | 190 U | 180 U |
| Pentachlorophenol | ug/kg | 30 | 700 U | 760 U | 740 U |
| Phenanthrene | ug/kg | | 34 U | 37 U | 36 U |
| Phenol | ug/kg | 100000 | 170 U | 190 U | 180 U |
| Pyrene | ug/kg | 4200000 | 34 U | 37 U | 36 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-15B (12.5-14.5) |
|---|---|---|---|
| Sample Date | | | 3/27/2014 |
| Station Name | | | IR-GP-15 |
| **SVOCs** | | | |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 180 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 180 U |
| 1,3-Dichlorobenzene | ug/kg | | 180 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 180 U |
| 2,2-oxybis[1-chloropropane] | ug/kg | | 180 U |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 360 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 360 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 360 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 360 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 730 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 180 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 180 U |
| 2-Chloronaphthalene | ug/kg | | 180 U |
| 2-Chlorophenol | ug/kg | 4000 | 180 U |
| 2-Methylnaphthalene | ug/kg | | 150 |
| 2-Methylphenol | ug/kg | 15000 | 180 U |
| 2-Nitroaniline | ug/kg | | 180 U |
| 2-Nitrophenol | ug/kg | | 360 U |
| 3 & 4 Methylphenol | ug/kg | | 180 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 180 U |
| 3-Nitroaniline | ug/kg | | 360 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 360 U |
| 4-Bromophenyl-phenylether | ug/kg | | 180 U |
| 4-Chloro-3-methylphenol | ug/kg | | 360 U |
| 4-Chloroaniline | ug/kg | 700 | 730 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 180 U |
| 4-Nitroaniline | ug/kg | | 360 U |
| 4-Nitrophenol | ug/kg | | 730 U |
| Acenaphthene | ug/kg | 570000 | 36 U |
| Acenaphthylene | ug/kg | | 36 U |
| Anthracene | ug/kg | 1.2E+07 | 36 U |
| Benzo(a)anthracene | ug/kg | 2000 | 36 U |
| Benzo(a)pyrene | ug/kg | 8000 | 36 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 36 U |
| Benzo(g,h,i)perylene | ug/kg | | 36 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 36 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 180 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 180 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 180 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 180 U |

**Table 7**
**Illinois Railway Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-15B (12.5-14.5) |
|---|---|---|---|
| Sample Date | | | 3/27/2014 |
| Station Name | | | IR-GP-15 |
| Carbazole | ug/kg | 600 | 180 U |
| Chrysene | ug/kg | 160000 | 36 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 36 U |
| Dibenzofuran | ug/kg | | 180 U |
| Diethylphthalate | ug/kg | 470000 | 180 U |
| Dimethyl phthalate | ug/kg | | 180 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 180 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 180 U |
| Fluoranthene | ug/kg | 4300000 | 36 U |
| Fluorene | ug/kg | 560000 | 12 |
| Hexachlorobenzene | ug/kg | 2000 | 73 U |
| Hexachlorobutadiene | ug/kg | | 180 U |
| Hexachlorocyclopentadiene | ug/kg | 400000 | 730 U |
| Hexachloroethane | ug/kg | 500 | 180 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 36 U |
| Isophorone | ug/kg | 8000 | 180 U |
| Naphthalene | ug/kg | 12000 | 49 |
| Nitrobenzene | ug/kg | 100 | 36 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 180 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 180 U |
| Pentachlorophenol | ug/kg | 30 | 730 U |
| Phenanthrene | ug/kg | | 21 |
| Phenol | ug/kg | 100000 | 180 U |
| Pyrene | ug/kg | 4200000 | 11 |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | GP-3 (3-4) AccuTest | GP-3 (3-4) EMT | WS-SB-GP-01 (6-8) | WS-SB-GP-01 (18-20) | WS-SB-GP-02 (14-16) | WS-SB-GP-02 (18-20) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/26/2012 | 4/26/2012 | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 |
| Station Name | | | WS-GP-03 | WS-GP-03 | WS-GP-01 | WS-GP-01 | WS-GP-02 | WS-GP-02 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | | | | | | |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 5100 U | 5100 U | 28 U | 26 U | 28 U | 30 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 1,1,2-Trichloroethane | ug/kg | 20 | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 1,1-Dichloroethane | ug/kg | 23000 | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 1,1-Dichloroethene | ug/kg | 60 | | | 28 U | 26 U | 28 U | 30 U |
| 1,1-Dichloropropene | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | | | 28 U | 26 U | 28 U | 30 U |
| 1,2,3-Trichlorobenzene | ug/kg | | | | 110 U | 100 U | 110 U | 120 U |
| 1,2,3-Trichloropropane | ug/kg | | | | 57 U | 52 U | 56 U | 60 U |
| 1,2,4-Trimethylbenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 5 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | | | 28 U | 26 U | 28 U | 30 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | | | 28 U | 26 U | 28 U | 30 U |
| 1,2-Dichloroethane | ug/kg | 20 | | | 28 U | 26 U | 28 U | 30 U |
| 1,2-Dichloropropane | ug/kg | 30 | | | 28 U | 26 U | 28 U | 30 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | | | 110 U | 100 U | 110 U | 120 U |
| 1,3-Dichlorobenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 1,3,5-Trimethylbenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 1,3-Dichloropropane | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | | | 28 U | 26 U | 28 U | 30 U |
| 2,2-Dichloropropane | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| 2-Chlorotoluene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 2-Hexanone | ug/kg | | | | 1100 U | 1000 U | 1100 U | 1200 U |
| 4-Chlorotoluene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 4-Isopropyltoluene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| 4-Methyl-2-pentanone | ug/kg | | | | 1100 U | 1000 U | 1100 U | 1200 U |
| Acetone | ug/kg | 25000 | | | 1100 UJ | 1000 UJ | 1100 UJ | 1200 UJ |
| Benzene | ug/kg | 30 | 1140 | 233 | 28 U | 26 U | 28 U | 7 J |
| Bromodichloromethane | ug/kg | 600 | | | 28 U | 26 U | 28 U | 30 U |
| Bromoform | ug/kg | 800 | | | 28 UJ | 26 UJ | 28 UJ | 30 UJ |
| Bromomethane | ug/kg | 200 | | | 280 U | 260 UJ | 280 UJ | 300 UJ |
| Carbon disulfide | ug/kg | 32000 | | | 28 U | 26 U | 28 U | 30 U |
| Carbon tetrachloride | ug/kg | 70 | | | 28 U | 26 U | 28 U | 30 U |
| Chlorobenzene | ug/kg | 1000 | | | 28 U | 26 U | 28 U | 30 U |
| Chlorobromomethane | ug/kg | | | | 28 UJ | 26 U | 28 U | 30 U |
| Chloroethane | ug/kg | | | | 280 U | 260 U | 280 U | 300 U |
| Chloroform | ug/kg | 600 | | | 28 U | 26 U | 28 U | 30 U |
| Chloromethane | ug/kg | | | | 57 U | 52 U | 56 U | 60 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | | | 28 U | 26 U | 28 U | 30 U |
| cis-1,3-Dichloropropene | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| Dibromochloromethane | ug/kg | 400 | | | 28 U | 26 U | 28 U | 30 U |
| Dibromomethane | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| Dichlorodifluoromethane | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| Diisopropyl ether | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| Ethylbenzene | ug/kg | 13000 | 1140 | 428000 | 28 U | 26 U | 28 U | 7 J |
| Hexachlorobutadiene | ug/kg | | | | 110 U | 100 UJ | 110 UJ | 120 UJ |
| Hexane | ug/kg | | | | 28 UJ | 26 UJ | 28 UJ | 30 UJ |
| Isopropylbenzene (Cumene) | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| m,p-Xylene | ug/kg | | | | 57 U | 52 U | 56 U | 60 UJB |
| Methyl ethyl ketone | ug/kg | | | | 1100 UJ | 1000 UJ | 1100 UJ | 1200 UJ |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | | | 28 UJ | 26 UJ | 28 UJ | 30 UJ |
| Methylene chloride | ug/kg | 20 | | | 110 U | 100 U | 110 U | 120 U |
| n-Butylbenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| N-Propylbenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 U |
| Naphthalene | ug/kg | 12000 | | | 280 UJ | 260 UJ | 280 UJ | 300 UJB |
| o-Xylene | ug/kg | 190000 | | | 28 U | 26 U | 28 U | 30 UJ |
| sec-Butylbenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| Styrene | ug/kg | 4000 | | | 28 U | 26 U | 28 U | 30 U |
| tert-Butylbenzene | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| Tetrachloroethene | ug/kg | 60 | | | 28 U | 26 U | 28 U | 30 U |
| Tetrahydrofuran | ug/kg | | | | 570 U | 520 U | 560 U | 600 U |
| Toluene | ug/kg | 12000 | 4700 | 1500 | 28 U | 26 U | 28 U | 25 J |
| trans-1,2-Dichloroethene | ug/kg | 700 | | | 28 U | 26 U | 28 U | 30 U |
| trans-1,3-Dichloropropene | ug/kg | | | | 28 U | 26 U | 28 U | 30 U |
| Trichloroethene | ug/kg | 60 | | | 28 U | 26 U | 28 U | 30 U |
| Trichlorofluoromethane | ug/kg | | | | 28 U | 26 UJ | 28 UJ | 30 UJ |
| Vinyl Chloride | ug/kg | 10 | | | 28 U | 26 U | 28 U | 30 U |
| Xylene (Total) | ug/kg | 150000 | 7040 | 2824 | | | | |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-03 (4-6) | WS-SB-GP-04 (4-6) | WS-SB-GP-05 (2-4) | WS-SB-GP-06 (0-2) (Duplicate 1) | WS-SB-GP-06 (Duplicate 1) (0-2) | WS-SB-GP-06 (0-2) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 |
| Station Name | | | WS-GP-03 | WS-GP-04 | WS-GP-05 | WS-GP-06 | WS-GP-06 | WS-GP-06 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 6 | 9 | 6.8 | | 7.3 | 8.9 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 25 UJ | 27 UJ | 25 UJ | 480 U | | 500 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 25 UJ | 27 UJ | 25 UJ | 480 U | | 500 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 25 UJ | 27 UJ | 25 UJ | 480 U | | 500 U |
| 1,1-Dichloroethene | ug/kg | 60 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,1-Dichloropropene | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 99 U | 110 UJ | 100 U | 1900 U | | 2000 U |
| 1,2,3-Trichloropropane | ug/kg | | 50 U | 54 J | 50 U | 960 U | | 1000 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 9800 J | 61000 JHC | 81000 JHC | 170000 JHC | | 210000 JHC |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,2-Dichloroethane | ug/kg | 20 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,2-Dichloropropane | ug/kg | 30 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 99 U | 110 UJ | 100 U | 1900 U | | 2000 U |
| 1,3-Dichlorobenzene | ug/kg | | 25 UJ | 27 UJ | 25 UJ | 480 U | | 500 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 2700 J | 18000 | 24000 | 47000 | | 60000 |
| 1,3-Dichloropropane | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 2,2-Dichloropropane | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| 2-Chlorotoluene | ug/kg | | 25 UJ | 27 UJ | 25 UJ | 480 U | | 500 U |
| 2-Hexanone | ug/kg | | 990 U | 1100 UJ | 1000 U | 19000 U | | 20000 U |
| 4-Chlorotoluene | ug/kg | | 25 UJ | 27 UJ | 25 UJ | 480 U | | 500 U |
| 4-Isopropyltoluene | ug/kg | | 27 J | 960 J | 2000 J | 480 U | | 1200 |
| 4-Methyl-2-pentanone | ug/kg | | 990 U | 1100 UJ | 1000 U | 19000 U | | 20000 U |
| Acetone | ug/kg | 25000 | 990 UJ | 1100 UJ | 1000 UJ | 19000 UJ | | 20000 U |
| Benzene | ug/kg | 30 | 3400 | 3800 J | 8200 | 13000 | | 18000 |
| Bromodichloromethane | ug/kg | 600 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Bromoform | ug/kg | 800 | 25 UJ | 27 UJ | 25 UJ | 480 UJ | | 500 UJ |
| Bromomethane | ug/kg | 200 | 250 UJ | 270 UJ | 250 UJ | 4800 UJ | | 5000 UJ |
| Carbon disulfide | ug/kg | 32000 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Carbon tetrachloride | ug/kg | 70 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Chlorobenzene | ug/kg | 1000 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Chlorobromomethane | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Chloroethane | ug/kg | | 250 U | 270 UJ | 250 U | 4800 U | | 5000 U |
| Chloroform | ug/kg | 600 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Chloromethane | ug/kg | | 50 U | 54 UJ | 50 U | 960 U | | 1000 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| cis-1,3-Dichloropropene | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Dibromochloromethane | ug/kg | 400 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Dibromomethane | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Dichlorodifluoromethane | ug/kg | | 25 U | 6 JB | 6 BJ | 480 U | | 500 U |
| Diisopropyl ether | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Ethylbenzene | ug/kg | 13000 | 6500 HC | 22000 HC | 28000 JHC | 61000 HC | | 80000 HC |
| Hexachlorobutadiene | ug/kg | | 99 UJ | 110 UJ | 100 UJ | 1900 U | | 2000 U |
| Hexane | ug/kg | | 880 J | 3300 J | 10000 J | 31000 J | | 47000 J |
| Isopropylbenzene (Cumene) | ug/kg | | 310 | 860 J | 2200 | 5400 | | 6700 |
| m,p-Xylene | ug/kg | | 28000 | 110000 JHC | 120000 JHC | 240000 | | 320000 JHC |
| Methyl ethyl ketone | ug/kg | | 990 UJ | 1100 UJ | 1000 UJ | 19000 UJ | | 20000 UJ |
| Methyl t-Butyl Ether | ug/kg | | 25 UJ | 27 UJ | 25 UJ | | | |
| Methyl tert-butyl ether | ug/kg | 320 | | | | 480 UJ | | 500 UJ |
| Methylene chloride | ug/kg | 20 | 99 U | 110 UJ | 100 U | 1900 U | | 2000 U |
| n-Butylbenzene | ug/kg | | 560 JHC | 4500 | 8500 | 15000 | | 500 U |
| N-Propylbenzene | ug/kg | | 1300 J | 7300 | 11000 | 25000 | | 32000 |
| Naphthalene | ug/kg | 12000 | 2800 J | 18000 J | 18000 J | 36000 J | | 36000 J |
| o-Xylene | ug/kg | 190000 | 11000 | 41000 JHC | 45000 JHC | 88000 | | 120000 |
| sec-Butylbenzene | ug/kg | | 60 J | 56 J | 95 J | 2700 | | 500 U |
| Styrene | ug/kg | 4000 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| tert-Butylbenzene | ug/kg | | 1500 J | 8600 | 4700 E | 23000 | | 500 U |
| Tetrachloroethene | ug/kg | 60 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Tetrahydrofuran | ug/kg | | 500 U | 540 UJ | 500 U | 9600 U | | 10000 U |
| Toluene | ug/kg | 12000 | 17000 | 43000 JHC | 54000 JHC | 210000 JHC | | 220000 JHC |
| trans-1,2-Dichloroethene | ug/kg | 700 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| trans-1,3-Dichloropropene | ug/kg | | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Trichloroethene | ug/kg | 60 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Trichlorofluoromethane | ug/kg | | 25 UJ | 27 UJ | 25 UJ | 480 UJ | | 500 U |
| Vinyl Chloride | ug/kg | 10 | 25 U | 27 UJ | 25 U | 480 U | | 500 U |
| Xylene (Total) | ug/kg | 150000 | 39000 | 151000 JHC | 165000 JHC | 328000 | | 440000 |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-7 (2-4) | WS-SB-GP-7 (8-9) | WS-SB-GP-8 (2-4) | WS-SB-GP-8 (8-10) | WS-SB-GP-9 (8-10) | WS-SB-GP-10 (8-10) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 | 12/3/2013 |
| Station Name | | | WS-GP-07 | WS-GP-07 | WS-GP-08 | WS-GP-08 | WS-GP-09 | WS-GP-10 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 53.1 | 4.7 | 4 | 1.2 | 6.3 | 18.4 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 28 UJ | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| 1,1,2-Trichloroethane | ug/kg | 20 | 28 UJ | 29 U | 27 U | 28 U | 27 U | 26 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 28 U | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| 1,1-Dichloroethene | ug/kg | 60 | 28 UJ | 29 U | 27 U | 28 UU | 27 U | 26 U |
| 1,1-Dichloropropene | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 28 U | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| 1,2,3-Trichlorobenzene | ug/kg | | 110 U | 120 U | 110 U | 110 U | 110 UJ | 110 UJ |
| 1,2,3-Trichloropropane | ug/kg | | 57 U | 29 U | 54 U | 57 U | 53 U | 53 UJ |
| 1,2,4-Trimethylbenzene | ug/kg | | 640 J | 13 J | 220 | 28 U | 27 UJ | 26 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 28 U | 29 U | 27 U | 28 UU | 27 U | 26 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 28 U | 29 U | 27 U | 28 UU | 27 U | 26 U |
| 1,2-Dichloroethane | ug/kg | 20 | 28 U | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| 1,2-Dichloropropane | ug/kg | 30 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 110 U | 120 U | 110 U | 110 U | 110 UJ | 110 UJ |
| 1,3-Dichlorobenzene | ug/kg | | 28 UJ | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| 1,3,5-Trimethylbenzene | ug/kg | | 170 J | 29 U | 63 | 28 U | 27 UJ | 26 UJ |
| 1,3-Dichloropropane | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 28 U | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| 2,2-Dichloropropane | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| 2-Chlorotoluene | ug/kg | | 28 UJ | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| 2-Hexanone | ug/kg | | 1100 U | 1200 U | 1100 U | 1100 U | 1100 U | 1100 U |
| 4-Chlorotoluene | ug/kg | | 28 UJ | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| 4-Isopropyltoluene | ug/kg | | 9 J | 29 U | 27 U | 28 U | 27 U | 26 UJ |
| 4-Methyl-2-pentanone | ug/kg | | 1100 U | 1200 U | 1100 U | 1100 U | 1100 U | 1100 U |
| Acetone | ug/kg | 25000 | 1100 UJ | 1200 UJ | 1100 UJ | 1100 UJ | 1100 UJ | 1100 UJ |
| Benzene | ug/kg | 30 | 29 | 29 U | 8 J | 28 U | 27 UJ | 26 UJ |
| Bromodichloromethane | ug/kg | 600 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Bromoform | ug/kg | 800 | 28 UJ | 29 UJ | 27 UJ | 28 UJ | 27 UJ | 26 UJ |
| Bromomethane | ug/kg | 200 | 280 UJ | 290 UJ | 270 UJ | 280 UJ | 270 UJ | 260 UJ |
| Carbon disulfide | ug/kg | 32000 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Carbon tetrachloride | ug/kg | 70 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Chlorobenzene | ug/kg | 1000 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Chlorobromomethane | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| Chloroethane | ug/kg | | 280 U | 290 U | 270 U | 280 U | 270 U | 260 U |
| Chloroform | ug/kg | 600 | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| Chloromethane | ug/kg | | 57 U | 59 U | 54 U | 57 U | 53 U | 53 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 28 U | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| cis-1,3-Dichloropropene | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Dibromochloromethane | ug/kg | 400 | 28 U | 29 U | 27 U | 28 UU | 27 U | 26 U |
| Dibromomethane | ug/kg | | 28 U | 29 U | 27 U | 28 UU | 27 U | 26 U |
| Dichlorodifluoromethane | ug/kg | | 28 U | 29 U | 27 U | 28 UU | 27 U | 26 U |
| Diisopropyl ether | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| Ethylbenzene | ug/kg | 13000 | 130 | 5 J | 64 HC | 28 U | 27 UJ | 26 UJ |
| Hexachlorobutadiene | ug/kg | | 110 UJ | 120 J | 110 U | 28 U | 110 J | 110 UJ |
| Hexane | ug/kg | | 68 J | 14 J | 26 J | 28 UJ | 27 UJ | 26 UJ |
| Isopropylbenzene (Cumene) | ug/kg | | 17 J | 29 U | 27 U | 28 U | 27 U | 26 UJ |
| m,p-Xylene | ug/kg | | 550 | 59 UBJ | 280 | 57 U | 53 UJBHC | 53 UJBHC |
| Methyl ethyl ketone | ug/kg | | 1100 UJ | 1200 UJ | 1100 UJ | 1100 UJ | 1100 UJ | 1100 UJ |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 28 UJ | 29 UJ | 27 UJ | 28 UJ | 27 UJ | 26 UJ |
| Methylene chloride | ug/kg | 20 | 110 U | 120 U | 110 U | 110 U | 110 UJ | 110 UJ |
| n-Butylbenzene | ug/kg | | 110 JHC | 29 U | 21 J | 28 U | 27 UJ | 26 UJ |
| N-Propylbenzene | ug/kg | | 66 J | 29 U | 29 | 28 U | 27 UJ | 26 UJ |
| Naphthalene | ug/kg | 12000 | 730 J | 290 UJ | 190 J | 280 UJ | 270 UJ | 260 UJ |
| o-Xylene | ug/kg | 190000 | 290 | 29 UBJ | 91 | 28 U | 27 UJBHC | 26 UJBHC |
| sec-Butylbenzene | ug/kg | | 14 J | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| Styrene | ug/kg | 4000 | 28 U | 29 U | 27 U | 28 U | 27 UJ | 26 UJ |
| tert-Butylbenzene | ug/kg | | 94 J | 29 U | 30 | 28 U | 27 UJ | 26 UJ |
| Tetrachloroethene | ug/kg | 60 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 UJ |
| Tetrahydrofuran | ug/kg | | 570 U | 590 U | 540 U | 570 UU | 530 UJ | 530 UJ |
| Toluene | ug/kg | 12000 | 340 | 12 J | 140 | 5 J | 6 HCJ | 7 HCJ |
| trans-1,2-Dichloroethene | ug/kg | 700 | 28 U | 29 U | 27 U | 28 UU | 27 UJ | 26 UJ |
| trans-1,3-Dichloropropene | ug/kg | | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Trichloroethene | ug/kg | 60 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 UJ |
| Trichlorofluoromethane | ug/kg | | 28 UJ | 29 UJ | 27 UJ | 28 UJ | 27 UJ | 26 U |
| Vinyl Chloride | ug/kg | 10 | 28 U | 29 U | 27 U | 28 U | 27 U | 26 U |
| Xylene (Total) | ug/kg | 150000 | | | | | | |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-11 (8-10) | WS-SB-GP-12 (6-8) | WS-SB-GP-12 (12-15) | WS-SB-GP-13 (6-8) | WS-SB-GP-13 (13-15) | WS-SB-GP-13 (13-15) (Duplicate 2) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/3/2013 | 12/4/2013 | 12/4/2013 | 12/4/2013 | 12/4/2013 | 12/4/2013 |
| Station Name | | | WS-GP-11 | WS-GP-12 | WS-GP-12 | WS-GP-13 | WS-GP-13 | WS-GP-13 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 9.2 | | | | | |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,1,2-Trichloroethane | ug/kg | 20 | 30 U | 27 U | 28 U | 29 UJ | 29 U | 29 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,1-Dichloroethene | ug/kg | 60 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| 1,1-Dichloropropene | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,2,3-Trichlorobenzene | ug/kg | | 120 U | 110 UJ | 110 UJ | 120 UJ | 110 UJ | 120 UJ |
| 1,2,3-Trichloropropane | ug/kg | | 61 U | 54 UJ | 56 J | 59 UJ | 57 U | 59 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 30 U | 8 HCJ | 2000 JHC | 17 HCJ | 7100 D | 6400 |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| 1,2-Dichloroethane | ug/kg | 20 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,2-Dichloropropane | ug/kg | 30 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 120 U | 110 UJ | 110 UJ | 120 UJ | 110 UJ | 120 UJ |
| 1,3-Dichlorobenzene | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 1,3,5-Trimethylbenzene | ug/kg | | 30 U | 27 UJ | 220 JHC | 29 UJ | 1400 JHC | 1600 JHC |
| 1,3-Dichloropropane | ug/kg | | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 2,2-Dichloropropane | ug/kg | | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| 2-Chlorotoluene | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 2-Hexanone | ug/kg | | 1200 U | 1100 U | 1100 U | 1200 U | 1100 U | 1200 U |
| 4-Chlorotoluene | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| 4-Isopropyltoluene | ug/kg | | 30 U | 27 UJ | 28 UJ | 29 UJ | 120 J | 140 J |
| 4-Methyl-2-pentanone | ug/kg | | 1200 U | 1100 U | 1100 U | 1200 U | 1100 U | 1200 U |
| Acetone | ug/kg | 25000 | 1200 UJ | 1100 UJ | 1100 UJ | 1200 UJ | 1200 UJ | 1200 UJ |
| Benzene | ug/kg | 30 | 30 U | 27 UJ | 16 J | 29 UJ | 30 J | 98 J |
| Bromodichloromethane | ug/kg | 600 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Bromoform | ug/kg | 800 | 30 UJ | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| Bromomethane | ug/kg | 200 | 300 UJ | 27 UJ | 28 UJ | 29 UJ | 290 UJ | 290 UJ |
| Carbon disulfide | ug/kg | 32000 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Carbon tetrachloride | ug/kg | 70 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Chlorobenzene | ug/kg | 1000 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Chlorobromomethane | ug/kg | | 30 U | 27 UJ | 28 U | 29 UJ | 29 U | 29 U |
| Chloroethane | ug/kg | | 300 U | 270 U | 280 U | 290 U | 290 | 290 |
| Chloroform | ug/kg | 600 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| Chloromethane | ug/kg | | 61 U | 54 U | 56 U | 59 U | 57 | 59 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| cis-1,3-Dichloropropene | ug/kg | | 30 U | 27 UJ | 28 U | 29 U | 29 U | 29 U |
| Dibromochloromethane | ug/kg | 400 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Dibromomethane | ug/kg | | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Dichlorodifluoromethane | ug/kg | | 30 U | 27 U | 28 U | 29 U | 29 U | 29 UBJ |
| Diisopropyl ether | ug/kg | | 30 U | 27 UJ | 820 JHC | 29 UJ | 29 UJ | 29 UJ |
| Ethylbenzene | ug/kg | 13000 | 30 U | 7 JHC | 820 HC | 5 JHC | 280 JHC | 7800 |
| Hexachlorobutadiene | ug/kg | | 120 U | 110 UJ | 110 UJ | 120 UJ | 110 UJ | 120 UJ |
| Hexane | ug/kg | | 30 UJ | 27 UJ | 84 J | 29 UJ | 120 J | 640 J |
| Isopropylbenzene (Cumene) | ug/kg | | 30 U | 27 UJ | 130 J | 29 UJ | 600 J | 730 J |
| m,p-Xylene | ug/kg | | 5 JB | 19 JBHC | 88 JHC | 15 JBHC | 670 JHC | 300 JHC |
| Methyl ethyl ketone | ug/kg | | 1200 UJ | 1100 UJ | 1100 UJ | 1200 UJ | 1100 UJ | 1200 UJ |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 30 UJ | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| Methylene chloride | ug/kg | 20 | 120 U | 110 UJ | 110 UJ | 120 UJ | 110 UJ | 120 UJ |
| n-Butylbenzene | ug/kg | | 30 U | 27 UJ | 170 JHC | 29 UJ | 1000 HC | 180 JHC |
| N-Propylbenzene | ug/kg | | 30 U | 27 UJ | 560 JHC | 29 UJ | 2600 D | 2300 JHC |
| Naphthalene | ug/kg | 12000 | 300 UJ | 270 UJ | 110 JHC | 22 JBHC | 720 JHC | 440 JHC |
| o-Xylene | ug/kg | 190000 | 30 UBJ | 27 UJBHC | 28 UJBHC | 29 UJBHC | 35 JHC | 27 JBHC |
| sec-Butylbenzene | ug/kg | | 30 U | 27 UJ | 38 J | 29 UJ | 390 J | 95 J |
| Styrene | ug/kg | 4000 | 30 U | 27 UJ | 28 U | 29 UJ | 29 UJ | 29 UJ |
| tert-Butylbenzene | ug/kg | | 30 U | 27 UJ | 290 J | 29 UJ | 1100 J | 940 J |
| Tetrachloroethene | ug/kg | 60 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Tetrahydrofuran | ug/kg | | 610 U | 540 UJ | 560 UJ | 59000 UJ | 570 UJ | 590 UJ |
| Toluene | ug/kg | 12000 | 6 J | 7 HCJ | 18 HCJ | 8 HCJ | 17 HCJ | 23 HCJ |
| trans-1,2-Dichloroethene | ug/kg | 700 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 UJ | 29 UJ |
| trans-1,3-Dichloropropene | ug/kg | | 30 U | 27 UJ | 28 U | 29 U | 29 U | 29 U |
| Trichloroethene | ug/kg | 60 | 30 U | 27 UJ | 28 UJ | 29 UJ | 29 U | 29 U |
| Trichlorofluoromethane | ug/kg | | 30 U | 27 U | 28 U | 29 U | 29 UJ | 29 UJ |
| Vinyl Chloride | ug/kg | 10 | 30 U | 27 U | 28 U | 29 U | 29 U | 29 U |
| Xylene (Total) | ug/kg | 150000 | | | | | | |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-14 (6-8) | WS-SB-GP-14 (12-15) | WS-SB-GP-14A (3.3-5) | WS-SB-GP-14A (5-6.6) | WS-SB-GP-14A (11.7-13.3) | WS-SB-GP-14A (18.3-20) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/4/2013 | 12/4/2013 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 |
| Station Name | | | WS-GP-14 | WS-GP-14 | WS-GP-14A | WS-GP-14A | WS-GP-14A | WS-GP-14A |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | | | 8.5 | 7.2 | 5.2 | 4 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,1-Dichloroethene | ug/kg | 60 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 1,1-Dichloropropene | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 99 UJ | 100 J | 2100 U | 2100 U | 210 U | 2200 U |
| 1,2,3-Trichloropropane | ug/kg | | 50 | 51 | 1000 U | 1000 U | 100 U | 1100 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 100 JHC | 62 JHC | 51000 | 45000 | 3100 | 28000 |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 1,2-Dichloroethane | ug/kg | 20 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,2-Dichloropropane | ug/kg | 30 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 99 J | 100 J | 2100 U | 2100 U | 210 U | 2200 U |
| 1,3-Dichlorobenzene | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 26 JHC | 18 JHC | 16000 | 14000 | 1300 | 10000 |
| 1,3-Dichloropropane | ug/kg | | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 2,2-Dichloropropane | ug/kg | | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| 2-Chlorotoluene | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 2-Hexanone | ug/kg | | 990 U | 1000 U | 21000 U | 21000 U | 2100 U | 22000 U |
| 4-Chlorotoluene | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| 4-Isopropyltoluene | ug/kg | | 25 UJ | 25 UJ | 480 J | 220 J | 2100 | 570 |
| 4-Methyl-2-pentanone | ug/kg | | 990 U | 1000 U | 21000 U | 21000 U | 2100 U | 22000 U |
| Acetone | ug/kg | 25000 | 990 UJ | 1000 U | 21000 U | 21000 U | 2100 U | 22000 U |
| Benzene | ug/kg | 30 | 25 UJ | 4 J | 650 | 5800 | 52 U | 560 U |
| Bromodichloromethane | ug/kg | 600 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Bromoform | ug/kg | 800 | 25 UJ | 25 UJ | 520 U | 520 U | 52 UJ | 560 U |
| Bromomethane | ug/kg | 200 | 250 UJ | 250 UJ | 5200 U | 5200 U | 520 UJ | 5600 U |
| Carbon disulfide | ug/kg | 32000 | 25 U | 25 U | 520 U | 520 U | 530 | 560 U |
| Carbon tetrachloride | ug/kg | 70 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Chlorobenzene | ug/kg | 1000 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Chlorobromomethane | ug/kg | | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Chloroethane | ug/kg | | 250 | 250 | 5200 UJ | 5200 UJ | 520 UJ | 5600 UJ |
| Chloroform | ug/kg | 600 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| Chloromethane | ug/kg | | 50 | 51 | 1000 U | 1000 U | 100 U | 1100 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| cis-1,3-Dichloropropene | ug/kg | | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Dibromochloromethane | ug/kg | 400 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Dibromomethane | ug/kg | | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Dichlorodifluoromethane | ug/kg | | 25 UBJ | 25 U | 520 U | 520 U | 52 U | 560 U |
| Diisopropyl ether | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| Ethylbenzene | ug/kg | 13000 | 35 JHC | 17 JHC | 4300 | 15000 | 150 | 1100 |
| Hexachlorobutadiene | ug/kg | | 99 UJ | 100 UJ | 2100 U | 2100 U | 210 U | 2200 U |
| Hexane | ug/kg | | 25 UJ | 11 J | 860 | 2100 | 52 U | 560 U |
| Isopropylbenzene (Cumene) | ug/kg | | 25 UJ | 25 UJ | 600 | 980 | 45 J | 520 J |
| m,p-Xylene | ug/kg | | 120 JHC | 74 JHC | 50000 | 72000 | 400 | 1300 |
| Methyl ethyl ketone | ug/kg | | 990 UJ | 1000 UJ | 21000 U | 21000 U | 2100 UJ | 22000 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| Methylene chloride | ug/kg | 20 | 99 UJ | 100 UJ | 2100 U | 2100 U | 210 U | 2200 U |
| n-Butylbenzene | ug/kg | | 10 JHC | 9 JHC | 520 U | 520 U | 52 U | 560 U |
| N-Propylbenzene | ug/kg | | 16 JHC | 11 JHC | 2900 | 5300 | 190 | 2900 |
| Naphthalene | ug/kg | 12000 | 66 JHC | 37 JBHC | 15000 | 14000 | 520 U | 5600 U |
| o-Xylene | ug/kg | 190000 | 36 JHC | 25 UJBHC | 11000 | 26000 | 62 | 300 J |
| sec-Butylbenzene | ug/kg | | 25 UJ | 9 J | 520 U | 520 U | 52 U | 560 U |
| Styrene | ug/kg | 4000 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| tert-Butylbenzene | ug/kg | | 15 J | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| Tetrachloroethene | ug/kg | 60 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Tetrahydrofuran | ug/kg | | 500 UJ | 510 UJ | 10000 U | 10000 U | 1000 U | 11000 U |
| Toluene | ug/kg | 12000 | 38 HC | 31 HC | 920 | 6800 | 65 | 150 J |
| trans-1,2-Dichloroethene | ug/kg | 700 | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| trans-1,3-Dichloropropene | ug/kg | | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Trichloroethene | ug/kg | 60 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Trichlorofluoromethane | ug/kg | | 25 UJ | 25 UJ | 520 U | 520 U | 52 U | 560 U |
| Vinyl Chloride | ug/kg | 10 | 25 U | 25 U | 520 U | 520 U | 52 U | 560 U |
| Xylene (Total) | ug/kg | 150000 | | | 61000 | 99000 | 460 | 1600 J |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-14A (23.3-25) | WS-SB-GP-14A (28.3.-30) | WS-SB-GP-14A (31.7-33.3) | WS-SB-GP-15 (1.7-3.3) | WS-SB-GP-15 (6.7-8.3) | WS-SB-GP-15 (11.7-13.3) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 |
| Station Name | | | WS-GP-14A | WS-GP-14A | WS-GP-14A | WS-GP-15 | WS-GP-15 | WS-GP-15 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 6.2 | | 6.7 | 6.5 | 4.9 | 2.4 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,1-Dichloroethene | ug/kg | 60 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,1-Dichloropropene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 10000 U | 10000 U | 1900 U | 94 U | 97 U | 110 U |
| 1,2,3-Trichloropropane | ug/kg | | 5000 U | 5000 U | 950 U | 47 U | 47 U | 54 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 170000 | 170000 | 29000 | 76 J | 24 U | 27 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,2-Dichloroethane | ug/kg | 20 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,2-Dichloropropane | ug/kg | 30 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 10000 U | 10000 U | 1900 U | 94 U | 97 U | 110 U |
| 1,3-Dichlorobenzene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 54000 | 54000 | 9800 | 26 | 4 J | 27 U |
| 1,3-Dichloropropane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 2,2-Dichloropropane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 2-Chlorotoluene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 2-Hexanone | ug/kg | | 100000 U | 100000 U | 19000 U | 940 U | 970 U | 1100 U |
| 4-Chlorotoluene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| 4-Isopropyltoluene | ug/kg | | 1000 J | 1200 J | 240 J | 24 U | 24 U | 27 U |
| 4-Methyl-2-pentanone | ug/kg | | 100000 U | 100000 U | 19000 U | 940 U | 970 U | 1100 U |
| Acetone | ug/kg | 25000 | 100000 U | 100000 U | 19000 U | 940 U | 970 U | 1100 U |
| Benzene | ug/kg | 30 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Bromodichloromethane | ug/kg | 600 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Bromoform | ug/kg | 800 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Bromomethane | ug/kg | 200 | 25000 U | 25000 U | 4700 U | 240 U | 240 U | 270 U |
| Carbon disulfide | ug/kg | 32000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Carbon tetrachloride | ug/kg | 70 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Chlorobenzene | ug/kg | 1000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Chlorobromomethane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Chloroethane | ug/kg | | 25000 UJ | 25000 UJ | 4700 UJ | 240 U | 240 U | 270 UJ |
| Chloroform | ug/kg | 600 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Chloromethane | ug/kg | | 5000 U | 5000 U | 950 U | 47 U | 49 U | 54 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| cis-1,3-Dichloropropene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Dibromochloromethane | ug/kg | 400 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Dibromomethane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Dichlorodifluoromethane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Diisopropyl ether | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Ethylbenzene | ug/kg | 13000 | 7200 | 11000 | 5100 | 9 J | 24 U | 27 U |
| Hexachlorobutadiene | ug/kg | | 10000 U | 10000 U | 1900 U | 94 U | 97 U | 110 U |
| Hexane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Isopropylbenzene (Cumene) | ug/kg | | 2200 J | 2500 J | 560 | 24 U | 24 U | 27 U |
| m,p-Xylene | ug/kg | | 40000 | 40000 | 31000 | 57 | 48 U | 54 U |
| Methyl ethyl ketone | ug/kg | | 100000 U | 100000 U | 19000 U | 940 U | 970 U | 1100 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Methylene chloride | ug/kg | 20 | 10000 U | 10000 U | 1900 U | 94 U | 97 U | 110 U |
| n-Butylbenzene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| N-Propylbenzene | ug/kg | | 12000 | 12000 | 2400 | 7 J | 24 U | 27 U |
| Naphthalene | ug/kg | 12000 | 28000 J | 28000 | 5300 | 18 BJ | 24 U | 270 U |
| o-Xylene | ug/kg | 190000 | 2100 J | 2100 J | 6000 | 24 U | 24 U | 27 U |
| sec-Butylbenzene | ug/kg | | 2500 U | 2000 J | 450 J | 24 U | 24 U | 27 U |
| Styrene | ug/kg | 4000 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| tert-Butylbenzene | ug/kg | | 2500 U | 20000 | 4400 | 24 U | 24 U | 27 U |
| Tetrachloroethene | ug/kg | 60 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Tetrahydrofuran | ug/kg | | 50000 U | 50000 U | 9500 U | 470 U | 490 U | 540 U |
| Toluene | ug/kg | 12000 | 2000 J | 2000 J | 180 J | 24 U | 24 U | 27 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| trans-1,3-Dichloropropene | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Trichloroethene | ug/kg | 60 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Trichlorofluoromethane | ug/kg | | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Vinyl Chloride | ug/kg | 10 | 2500 U | 2500 U | 470 U | 24 U | 24 U | 27 U |
| Xylene (Total) | ug/kg | 150000 | 42000 | 76000 | 37000 | 65 J | 72 U | 81 U |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-15 (16.7-18.3) (Duplicate 1) | WS-SB-GP-15 (16.7-18.3) | WS-SB-GP-15 (23.3-25) | WS-SB-GP-15 (26.7-28.3) | WS-SB-GP-16 (3.3-5) | WS-SB-GP-16 (5-6.7) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 |
| Station Name | | | WS-GP-15 | WS-GP-15 | WS-GP-15 | WS-GP-15 | WS-GP-16 | WS-GP-16 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 11.7 | 9.2 | 3.8 | 16.5 | 6.3 | 4.1 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,1-Dichloroethene | ug/kg | 60 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,1-Dichloropropene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 130 U | 100 U | 130 U | 110 U | 1100 U | 1000 U |
| 1,2,3-Trichloropropane | ug/kg | | 33 U | 52 | 67 U | 54 U | 530 U | 500 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 33 U | 26 U | 34 U | 59 | 420 | 45000 |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,2-Dichloroethane | ug/kg | 20 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,2-Dichloropropane | ug/kg | 30 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 130 U | 100 U | 130 U | 110 U | 1100 U | 1000 U |
| 1,3-Dichlorobenzene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 33 U | 6 J | 34 U | 5 J | 96 J | 14000 |
| 1,3-Dichloropropane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 2,2-Dichloropropane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 2-Chlorotoluene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 2-Hexanone | ug/kg | | 1300 U | 1000 U | 1300 U | 1100 U | 11000 U | 10000 U |
| 4-Chlorotoluene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| 4-Isopropyltoluene | ug/kg | | 33 U | 26 U | 34 U | 15 J | 270 U | 340 |
| 4-Methyl-2-pentanone | ug/kg | | 1300 U | 1000 U | 1300 U | 1100 U | 11000 U | 10000 U |
| Acetone | ug/kg | 25000 | 1300 U | 1000 U | 1300 U | 1100 U | 11000 U | 10000 U |
| Benzene | ug/kg | 30 | 33 U | 26 U | 15 J | 46 | 3500 | 370 D |
| Bromodichloromethane | ug/kg | 600 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Bromoform | ug/kg | 800 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Bromomethane | ug/kg | 200 | 330 U | 260 U | 340 U | 270 U | 2700 U | 2500 U |
| Carbon disulfide | ug/kg | 32000 | 33 U | 26 U | 34 U | 7 J | 270 U | 250 U |
| Carbon tetrachloride | ug/kg | 70 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Chlorobenzene | ug/kg | 1000 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Chlorobromomethane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Chloroethane | ug/kg | | 330 UJ | 260 U | 340 UJ | 270 UJ | 2700 UJ | 2500 UJ |
| Chloroform | ug/kg | 600 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Chloromethane | ug/kg | | 67 U | 52 U | 67 U | 54 | 530 | 500 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| cis-1,3-Dichloropropene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Dibromochloromethane | ug/kg | 400 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Dibromomethane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Dichlorodifluoromethane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Diisopropyl ether | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Ethylbenzene | ug/kg | 13000 | 33 U | 8 J | 11 J | 32 | 5000 | 15000 |
| Hexachlorobutadiene | ug/kg | | 130 U | 100 U | 130 U | 110 U | 1100 U | 1000 U |
| Hexane | ug/kg | | 33 U | 26 U | 34 U | 33 | 270 | 10000 |
| Isopropylbenzene (Cumene) | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 1500 |
| m,p-Xylene | ug/kg | | 66 U | 37 J | 68 U | 120 | 14000 | 44000 |
| Methyl ethyl ketone | ug/kg | | 1300 U | 1000 U | 1300 U | 1100 U | 11000 U | 10000 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Methylene chloride | ug/kg | 20 | 130 U | 100 UB | 130 U | 110 UB | 1100 U | 1000 U |
| n-Butylbenzene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| N-Propylbenzene | ug/kg | | 33 U | 26 U | 34 U | 10 J | 270 U | 7200 |
| Naphthalene | ug/kg | 12000 | 330 U | 260 U | 340 U | 270 U | 2700 U | 12000 |
| o-Xylene | ug/kg | 190000 | 33 U | 26 U | 34 U | 27 U | 3800 | 2600 |
| sec-Butylbenzene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Styrene | ug/kg | 4000 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| tert-Butylbenzene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Tetrachloroethene | ug/kg | 60 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Tetrahydrofuran | ug/kg | | 670 U | 520 U | 670 U | 540 U | 5300 U | 5000 U |
| Toluene | ug/kg | 12000 | 33 U | 26 U | 34 U | 27 U | 5100 | 1700 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| trans-1,3-Dichloropropene | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Trichloroethene | ug/kg | 60 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Trichlorofluoromethane | ug/kg | | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Vinyl Chloride | ug/kg | 10 | 33 U | 26 U | 34 U | 27 U | 270 U | 250 U |
| Xylene (Total) | ug/kg | 150000 | 99 U | 78 U | 102 U | 130 | 18000 | 47000 |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-16 (10-11.6) | WS-SB-GP-16 (10-11.7) | WS-SB-GP-16 (15-16.7) | WS-SB-GP-16 (28.3-30) | WS-SB-GP-18 (1.7-3.3) (Duplicate 2) | WS-SB-GP-18 (1.7-3.3) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 |
| Station Name | | | WS-GP-16 | WS-GP-16 | WS-GP-16 | WS-GP-16 | WS-GP-18 | WS-GP-18 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | | 5.7 | 7.3 | 6 | 9 | 8.3 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,1-Dichloroethene | ug/kg | 60 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,1-Dichloropropene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 99 U | | 97 U | 130 U | 110 U | 120 U |
| 1,2,3-Trichloropropane | ug/kg | | 50 U | | 49 U | 63 U | 53 U | 610 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 25 U | | 91 | 2100 | 27 U | 6 J |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,2-Dichloroethane | ug/kg | 20 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,2-Dichloropropane | ug/kg | 30 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 99 U | | 97 U | 130 U | 110 U | 120 U |
| 1,3-Dichlorobenzene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 25 U | | 35 | 460 | 27 U | 31 U |
| 1,3-Dichloropropane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 2,2-Dichloropropane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 2-Chlorotoluene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 2-Hexanone | ug/kg | | 990 U | | 970 U | 1300 U | 1100 U | 1200 U |
| 4-Chlorotoluene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| 4-Isopropyltoluene | ug/kg | | 25 U | | 24 U | 32 | 27 U | 31 U |
| 4-Methyl-2-pentanone | ug/kg | | 88 J | | 970 U | 1300 U | 1100 U | 1200 U |
| Acetone | ug/kg | 25000 | 990 U | | 970 U | 1300 U | 1100 U | 1200 U |
| Benzene | ug/kg | 30 | 18 J | | 24 U | 420 | 27 U | 31 U |
| Bromodichloromethane | ug/kg | 600 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Bromoform | ug/kg | 800 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Bromomethane | ug/kg | 200 | 250 U | | 240 U | 310 U | 270 U | 310 U |
| Carbon disulfide | ug/kg | 32000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Carbon tetrachloride | ug/kg | 70 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Chlorobenzene | ug/kg | 1000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Chlorobromomethane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Chloroethane | ug/kg | | 250 U | | 240 UJ | 310 UJ | 270 U | 310 U |
| Chloroform | ug/kg | 600 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Chloromethane | ug/kg | | 50 U | | 49 U | 63 U | 53 UB | 61 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| cis-1,3-Dichloropropene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Dibromochloromethane | ug/kg | 400 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Dibromomethane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Dichlorodifluoromethane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 8 J |
| Diisopropyl ether | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Ethylbenzene | ug/kg | 13000 | 25 U | | 24 U | 670 | 27 U | 31 U |
| Hexachlorobutadiene | ug/kg | | 99 U | | 97 | 130 U | 110 U | 120 U |
| Hexane | ug/kg | | 33 | | 24 U | 42 | 27 U | 31 U |
| Isopropylbenzene (Cumene) | ug/kg | | 25 U | | 24 U | 47 | 27 U | 31 U |
| m,p-Xylene | ug/kg | | 50 U | | 230 | 1900 | 53 U | 62 U |
| Methyl ethyl ketone | ug/kg | | 990 U | | 970 U | 1300 U | 1100 U | 1200 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Methylene chloride | ug/kg | 20 | 99 U | | 97 U | 130 U | 9 BJ | 120 UB |
| n-Butylbenzene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| N-Propylbenzene | ug/kg | | 25 U | | 24 U | 300 | 27 U | 31 U |
| Naphthalene | ug/kg | 12000 | 13 BJ | | 240 U | 78 J | 270 U | 310 U |
| o-Xylene | ug/kg | 190000 | 25 U | | 24 U | 280 | 27 U | 31 U |
| sec-Butylbenzene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Styrene | ug/kg | 4000 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| tert-Butylbenzene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Tetrachloroethene | ug/kg | 60 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Tetrahydrofuran | ug/kg | | 500 U | | 490 U | 630 U | 530 U | 610 U |
| Toluene | ug/kg | 12000 | 25 U | | 24 U | 150 | 27 U | 31 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| trans-1,3-Dichloropropene | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Trichloroethene | ug/kg | 60 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Trichlorofluoromethane | ug/kg | | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Vinyl Chloride | ug/kg | 10 | 25 U | | 24 U | 31 U | 27 U | 31 U |
| Xylene (Total) | ug/kg | 150000 | 75 | | 240 | 2200 | 80 U | 92 U |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-18 (6.7-8.3) | WS-SB-GP-18 (13.3-15) | WS-SB-GP-18 (16.7-18.3) | WS-SB-GP-18 (23.3-25) | WS-SB-GP-18 (28.3-30) | WS-SB-GP-18 (31.7-33.3) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 | 5/8/2014 |
| Station Name | | | WS-GP-18 | WS-GP-18 | WS-GP-18 | WS-GP-18 | WS-GP-18 | WS-GP-18 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 5.6 | 6.3 | 2.6 | 2.6 | 10.2 | 6.4 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,1-Dichloroethene | ug/kg | 60 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,1-Dichloropropene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 110 U | 980 U | 120 U | 120 U | 130 U | 130 U |
| 1,2,3-Trichloropropane | ug/kg | | 53 U | 490 U | 59 U | 59 U | 65 U | 63 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 27 U | 6000 | 1100 | 390 | 2200 J | 48 |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,2-Dichloroethane | ug/kg | 20 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,2-Dichloropropane | ug/kg | 30 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 110 U | 980 U | 120 U | 120 U | 130 U | 130 U |
| 1,3-Dichlorobenzene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 27 U | 2500 | 300 | 120 | 790 | 33 |
| 1,3-Dichloropropane | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 2,2-Dichloropropane | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 2-Chlorotoluene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 2-Hexanone | ug/kg | | 1100 U | 9800 U | 1200 U | 1200 U | 1300 U | 1300 U |
| 4-Chlorotoluene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| 4-Isopropyltoluene | ug/kg | | 27 U | 59 J | 8 J | 30 U | 20 J | 31 U |
| 4-Methyl-2-pentanone | ug/kg | | 1100 U | 9800 U | 1200 U | 1200 U | 1300 U | 1300 U |
| Acetone | ug/kg | 25000 | 1100 U | 9800 U | 1200 U | 1200 U | 1300 U | 1300 U |
| Benzene | ug/kg | 30 | 27 U | 120 J | 57 | 25 J | 73 | 10 J |
| Bromodichloromethane | ug/kg | 600 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Bromoform | ug/kg | 800 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Bromomethane | ug/kg | 200 | 270 U | 2500 U | 300 U | 300 U | 330 U | 310 U |
| Carbon disulfide | ug/kg | 32000 | 27 U | 250 U | 5 | 30 U | 33 U | 31 U |
| Carbon tetrachloride | ug/kg | 70 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Chlorobenzene | ug/kg | 1000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Chlorobromomethane | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Chloroethane | ug/kg | | 270 U | 2500 U | 300 U | 300 U | 330 UJ | 310 UJ |
| Chloroform | ug/kg | 600 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Chloromethane | ug/kg | | 53 UB | 490 UB | 59 U | 59 UB | 65 U | 63 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| cis-1,3-Dichloropropene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Dibromochloromethane | ug/kg | 400 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Dibromomethane | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Dichlorodifluoromethane | ug/kg | | 27 U | 250 U | 30 U | 7 J | 33 U | 31 U |
| Diisopropyl ether | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Ethylbenzene | ug/kg | 13000 | 27 U | 1500 | 250 | 85 | 390 | 7 J |
| Hexachlorobutadiene | ug/kg | | 110 U | 980 U | 120 U | 120 U | 130 U | 130 U |
| Hexane | ug/kg | | 27 U | 250 U | 15 J | 30 U | 20 J | 31 U |
| Isopropylbenzene (Cumene) | ug/kg | | 27 U | 190 J | 19 J | 7 J | 44 | 31 U |
| m,p-Xylene | ug/kg | | 53 U | 3800 | 930 | 380 | 2000 | 150 |
| Methyl ethyl ketone | ug/kg | | 1100 U | 9800 U | 1200 U | 1200 U | 1300 U | 1300 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Methylene chloride | ug/kg | 20 | 11 BJ | 100 J | 17 BJ | 16 BJ | 25 J | 130 UB |
| n-Butylbenzene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| N-Propylbenzene | ug/kg | | 27 U | 770 | 120 | 44 | 220 | 31 U |
| Naphthalene | ug/kg | 12000 | 270 U | 2500 U | 300 U | 300 U | 330 U | 310 U |
| o-Xylene | ug/kg | 190000 | 27 U | 130 J | 71 | 46 | 310 | 13 J |
| sec-Butylbenzene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Styrene | ug/kg | 4000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| tert-Butylbenzene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Tetrachloroethene | ug/kg | 60 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Tetrahydrofuran | ug/kg | | 530 U | 4900 U | 590 U | 590 U | 650 U | 630 U |
| Toluene | ug/kg | 12000 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| trans-1,3-Dichloropropene | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Trichloroethene | ug/kg | 60 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Trichlorofluoromethane | ug/kg | | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Vinyl Chloride | ug/kg | 10 | 27 U | 250 U | 30 U | 30 U | 33 U | 31 U |
| Xylene (Total) | ug/kg | 150000 | 80 U | 3900 | 1000 | 430 | 2300 | 160 |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-17 (3.3-5) | WS-SB-GP-17 (6.7-8.3) | WS-SB-GP-17 (13.3-15) | WS-SB-GP-17 (18.3-20) | WS-SB-GP-17 (21.7-23) | WS-SB-GP-17 (26.7-28.3) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/9/2014 | 5/9/2014 | 5/9/2014 | 5/9/2014 | 5/9/2014 | 5/9/2014 |
| Station Name | | | WS-GP-17 | WS-GP-17 | WS-GP-17 | WS-GP-17 | WS-GP-17 | WS-GP-17 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 7.7 | 7.4 | 5.5 | 5.3 | 5.5 | 4.5 |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,1-Dichloroethene | ug/kg | 60 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,1-Dichloropropene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 97 U | 110 U | 110 U | 110 U | 110 U | 970 U |
| 1,2,3-Trichloropropane | ug/kg | | 49 U | 55 U | 56 U | 55 U | 55 U | 480 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 1000 | 8 J | 60 | 7800 | 4000 | 21000 |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,2-Dichloroethane | ug/kg | 20 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,2-Dichloropropane | ug/kg | 30 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 97 U | 110 U | 110 U | 110 U | 110 U | 970 U |
| 1,3-Dichlorobenzene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 200 | 27 U | 51 | 2100 | 1100 | 5600 |
| 1,3-Dichloropropane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 2,2-Dichloropropane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 2-Chlorotoluene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 2-Hexanone | ug/kg | | 970 U | 1100 U | 1100 U | 1100 U | 1100 U | 9700 U |
| 4-Chlorotoluene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| 4-Isopropyltoluene | ug/kg | | 38 | 27 U | 28 U | 69 | 28 | 160 J |
| 4-Methyl-2-pentanone | ug/kg | | 970 U | 1100 U | 1100 U | 1100 U | 1100 U | 9700 U |
| Acetone | ug/kg | 25000 | 970 U | 1100 U | 11000 U | 1100 U | 1100 U | 9700 U |
| Benzene | ug/kg | 30 | 34 | 27 U | 120 | 12 J | 33 | 310 |
| Bromodichloromethane | ug/kg | 600 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Bromoform | ug/kg | 800 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Bromomethane | ug/kg | 200 | 240 U | 270 U | 280 U | 280 U | 280 U | 2400 U |
| Carbon disulfide | ug/kg | 32000 | 24 U | 27 U | 28 U | 66 | 10 J | 240 U |
| Carbon tetrachloride | ug/kg | 70 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Chlorobenzene | ug/kg | 1000 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Chlorobromomethane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Chloroethane | ug/kg | | 240 UJ | 270 U | 280 UJ | 280 UJ | 280 UJ | 2400 UJ |
| Chloroform | ug/kg | 600 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Chloromethane | ug/kg | | 49 U | 55 U | 56 | 55 U | 55 U | 480 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| cis-1,3-Dichloropropene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Dibromochloromethane | ug/kg | 400 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Dibromomethane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Dichlorodifluoromethane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Diisopropyl ether | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Ethylbenzene | ug/kg | 13000 | 2200 | 6 J | 13 J | 310 | 260 | 2200 |
| Hexachlorobutadiene | ug/kg | | 97 U | 110 U | 110 U | 110 U | 110 U | 970 U |
| Hexane | ug/kg | | 52 | 27 UU | 34 | 28 U | 28 U | 110 J |
| Isopropylbenzene (Cumene) | ug/kg | | 260 | 27 U | 28 U | 94 | 43 | 260 |
| m,p-Xylene | ug/kg | | 320 | 7 J | 1700 | 1500 | 1200 | 11000 |
| Methyl ethyl ketone | ug/kg | | 970 U | 1100 U | 1100 U | 1100 U | 1100 U | 9700 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Methylene chloride | ug/kg | 20 | 23 J | 24 J | 24 J | 110 U | 110 UB | 970 U |
| n-Butylbenzene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| N-Propylbenzene | ug/kg | | 1100 | 4 J | 28 U | 440 | 260 | 1600 |
| Naphthalene | ug/kg | 12000 | 240 | 16 BJ | 280 U | 1100 | 1100 | 2300 J |
| o-Xylene | ug/kg | 190000 | 13 J | 4 J | 10 J | 93 | 120 | 1300 |
| sec-Butylbenzene | ug/kg | | 160 | 27 U | 28 U | 28 U | 28 U | 240 U |
| Styrene | ug/kg | 4000 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| tert-Butylbenzene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Tetrachloroethene | ug/kg | 60 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Tetrahydrofuran | ug/kg | | 490 U | 550 U | 560 U | 550 U | 550 U | 4800 U |
| Toluene | ug/kg | 12000 | 24 U | 27 U | 28 U | 28 U | 59 | 570 |
| trans-1,2-Dichloroethene | ug/kg | 700 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| trans-1,3-Dichloropropene | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Trichloroethene | ug/kg | 60 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Trichlorofluoromethane | ug/kg | | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Vinyl Chloride | ug/kg | 10 | 24 U | 27 U | 28 U | 28 U | 28 U | 240 U |
| Xylene (Total) | ug/kg | 150000 | 330 | 12 J | 1700 | 1600 | 1400 | 12000 |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-17 (31.7-33.3) | WS-SB-GP-19 (12-14) | WS-SB-GP-19 (18-20) | WS-SB-GP-20 (10-12) | WS-SB-GP-20 (18-20) (Duplicate 3) | WS-SB-GP-20 (18-20) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/9/2014 | 5/9/2014 | 5/9/2014 | 5/9/2014 | 5/9/2014 | 5/9/2014 |
| Station Name | | | WS-GP-17 | WS-GP-19 | WS-GP-19 | WS-GP-20 | WS-GP-20 | WS-GP-20 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | 107 | 5.1 | | | | | |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,1-Dichloroethene | ug/kg | 60 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,1-Dichloropropene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 110 U | 110 U | 110 U | 110 U | 100 U | 100 U |
| 1,2,3-Trichloropropane | ug/kg | | 53 U | 55 U | 54 U | 54 U | 51 U | 50 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 220 | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2-Dichloroethane | ug/kg | 20 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2-Dichloropropane | ug/kg | 30 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 110 U | 110 U | 110 U | 110 U | 100 U | 100 U |
| 1,3-Dichlorobenzene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 66 | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,3-Dichloropropane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 2,2-Dichloropropane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 2-Chlorotoluene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 2-Hexanone | ug/kg | | 1100 U | 1100 U | 1100 U | 1100 U | 1000 U | 1000 U |
| 4-Chlorotoluene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| 4-Isopropyltoluene | ug/kg | | 6 J | 28 UJ | 27 U | 27 U | 25 U | 25 U |
| 4-Methyl-2-pentanone | ug/kg | | 1100 U | 1100 U | 1100 U | 1100 U | 1000 U | 1000 U |
| Acetone | ug/kg | 25000 | 1100 U | 1100 U | 1100 U | 1100 U | 1000 U | 1000 U |
| Benzene | ug/kg | 30 | 11 J | 28 U | 27 U | 27 U | 25 U | 25 U |
| Bromodichloromethane | ug/kg | 600 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Bromoform | ug/kg | 800 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Bromomethane | ug/kg | 200 | 260 U | 280 U | 270 U | 270 U | 250 U | 250 U |
| Carbon disulfide | ug/kg | 32000 | 9 J | 28 U | 27 U | 27 U | 25 U | 25 U |
| Carbon tetrachloride | ug/kg | 70 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Chlorobenzene | ug/kg | 1000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Chlorobromomethane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Chloroethane | ug/kg | | 260 UJ | 280 UJ | 270 U | 270 UJ | 250 UJ | 250 U |
| Chloroform | ug/kg | 600 | 26 U | 28 U | 27 UJ | 27 U | 25 U | 25 U |
| Chloromethane | ug/kg | | 53 U | 55 UB | 54 U | 54 U | 51 U | 50 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| cis-1,3-Dichloropropene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Dibromochloromethane | ug/kg | 400 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Dibromomethane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Dichlorodifluoromethane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Diisopropyl ether | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Ethylbenzene | ug/kg | 13000 | 97 | 28 U | 27 U | 27 U | 25 U | 25 U |
| Hexachlorobutadiene | ug/kg | | 110 U | 110 UJ | 110 U | 110 U | 100 U | 100 U |
| Hexane | ug/kg | | 26 U | 28 UJ | 27 U | 27 U | 25 U | 25 U |
| Isopropylbenzene (Cumene) | ug/kg | | 5 J | 28 UJ | 27 U | 27 U | 25 U | 25 U |
| m,p-Xylene | ug/kg | | 260 | 55 U | 54 U | 54 U | 51 U | 4 J |
| Methyl ethyl ketone | ug/kg | | 1100 U | 1100 U | 1100 U | 1100 U | 1100 U | 1100 U |
| Methyl t-Butyl Ether | ug/kg | | | | | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Methylene chloride | ug/kg | 20 | 25 J | 110 UB | 110 U | 110 U | 100 U | 100 U |
| n-Butylbenzene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| N-Propylbenzene | ug/kg | | 43 | 28 U | 27 U | 27 U | 25 U | 25 U |
| Naphthalene | ug/kg | 12000 | 190 J | 280 U | 270 U | 270 U | 250 U | 250 U |
| o-Xylene | ug/kg | 190000 | 23 J | 28 U | 27 U | 27 U | 25 U | 25 U |
| sec-Butylbenzene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Styrene | ug/kg | 4000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| tert-Butylbenzene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Tetrachloroethene | ug/kg | 60 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Tetrahydrofuran | ug/kg | | 530 U | 550 U | 540 U | 540 U | 510 U | 500 U |
| Toluene | ug/kg | 12000 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| trans-1,3-Dichloropropene | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Trichloroethene | ug/kg | 60 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Trichlorofluoromethane | ug/kg | | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Vinyl Chloride | ug/kg | 10 | 26 U | 28 U | 27 U | 27 U | 25 U | 25 U |
| Xylene (Total) | ug/kg | 150000 | 280 | 83 U | 81 U | 82 U | 76 U | 76 U |

**Table 8**
**Wedron Silica Soil Data - Lead and VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | WS-SB-GP-21 (6-8) | WS-SB-GP-21 (16-18) |
|---|---|---|---|---|
| Sample Date | | | 5/9/2014 | 5/9/2014 |
| Station Name | | | WS-GP-21 | WS-GP-21 |
| **Metals-Total** | | | | |
| Lead, Total | mg/kg | 107 | | |
| **VOCs** | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 29 U | 27 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 29 U | 27 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/kg | | 29 U | 27 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 29 U | 27 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 29 U | 27 U |
| 1,1-Dichloroethene | ug/kg | 60 | 29 U | 27 U |
| 1,1-Dichloropropene | ug/kg | | 29 U | 27 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 29 U | 27 U |
| 1,2,3-Trichlorobenzene | ug/kg | | 110 U | 110 U |
| 1,2,3-Trichloropropane | ug/kg | | 57 U | 53 U |
| 1,2,4-Trimethylbenzene | ug/kg | | 29 U | 27 U |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2 | 29 U | 27 U |
| 1,2-Dibromoethane | ug/kg | 0.4 | 29 U | 27 U |
| 1,2-Dichloroethane | ug/kg | 20 | 29 U | 27 U |
| 1,2-Dichloropropane | ug/kg | 30 | 29 U | 27 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 110 U | 110 U |
| 1,3-Dichlorobenzene | ug/kg | | 29 U | 27 U |
| 1,3,5-Trimethylbenzene | ug/kg | | 29 U | 27 U |
| 1,3-Dichloropropane | ug/kg | | 29 U | 27 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 29 U | 27 U |
| 2,2-Dichloropropane | ug/kg | | 29 U | 27 U |
| 2-Chlorotoluene | ug/kg | | 29 U | 27 U |
| 2-Hexanone | ug/kg | | 1100 U | 1100 U |
| 4-Chlorotoluene | ug/kg | | 29 U | 27 U |
| 4-Isopropyltoluene | ug/kg | | 29 U | 27 U |
| 4-Methyl-2-pentanone | ug/kg | | 1100 U | 1100 U |
| Acetone | ug/kg | 25000 | 1100 U | 1100 U |
| Benzene | ug/kg | 30 | 29 U | 27 U |
| Bromodichloromethane | ug/kg | 600 | 29 U | 27 U |
| Bromoform | ug/kg | 800 | 29 U | 27 U |
| Bromomethane | ug/kg | 200 | 290 U | 270 U |
| Carbon disulfide | ug/kg | 32000 | 29 U | 27 U |
| Carbon tetrachloride | ug/kg | 70 | 29 U | 27 U |
| Chlorobenzene | ug/kg | 1000 | 29 U | 27 U |
| Chlorobromomethane | ug/kg | | 29 U | 27 U |
| Chloroethane | ug/kg | | 290 U | 270 U |
| Chloroform | ug/kg | 600 | 29 U | 27 U |
| Chloromethane | ug/kg | | 57 U | 53 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 29 U | 27 U |
| cis-1,3-Dichloropropene | ug/kg | | 29 U | 27 U |
| Dibromochloromethane | ug/kg | 400 | 29 U | 27 U |
| Dibromomethane | ug/kg | | 29 U | 27 U |
| Dichlorodifluoromethane | ug/kg | | 29 U | 27 U |
| Diisopropyl ether | ug/kg | | 29 U | 27 U |
| Ethylbenzene | ug/kg | 13000 | 29 U | 27 U |
| Hexachlorobutadiene | ug/kg | | 110 U | 110 U |
| Hexane | ug/kg | | 29 U | 27 U |
| Isopropylbenzene (Cumene) | ug/kg | | 29 U | 27 U |
| m,p-Xylene | ug/kg | | 57 U | 53 U |
| Methyl ethyl ketone | ug/kg | | 1100 U | 1100 U |
| Methyl t-Butyl Ether | ug/kg | | | |
| Methyl tert-butyl ether | ug/kg | 320 | 29 U | 27 U |
| Methylene chloride | ug/kg | 20 | 110 U | 110 U |
| n-Butylbenzene | ug/kg | | 29 U | 27 U |
| N-Propylbenzene | ug/kg | | 29 U | 27 U |
| Naphthalene | ug/kg | 12000 | 290 U | 270 U |
| o-Xylene | ug/kg | 190000 | 29 U | 27 U |
| sec-Butylbenzene | ug/kg | | 29 U | 27 U |
| Styrene | ug/kg | 4000 | 29 U | 27 U |
| tert-Butylbenzene | ug/kg | | 29 U | 27 U |
| Tetrachloroethene | ug/kg | 60 | 29 U | 27 U |
| Tetrahydrofuran | ug/kg | | 570 U | 530 U |
| Toluene | ug/kg | 12000 | 29 U | 27 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 29 U | 27 U |
| trans-1,3-Dichloropropene | ug/kg | | 29 U | 27 U |
| Trichloroethene | ug/kg | 60 | 29 U | 27 U |
| Trichlorofluoromethane | ug/kg | | 29 U | 27 U |
| Vinyl Chloride | ug/kg | 10 | 29 U | 27 U |
| Xylene (Total) | ug/kg | 150000 | 86 U | 80 U |

# Table 9
# BP Soil Data - Lead, TPH, pH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | SB-1(2-3) | SB-1(20-21) | SB-2(2-3) | SB-2(22-23) | SB-3(3-5) | SB-3(25-27) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/22/2014 |
| Station Name | | | BP-SB-1 | BP-SB-1 | BP-SB-2 | BP-SB-2 | BP-SB-3 | BP-SB-3 |
| pH | s.u. | | 8.1 | 8.4 | 6.7 | 7.7 | 7.6 | 8.2 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | | 12 | 12.5 | 31.7 | 13.7 | 12.3 | 12.8 |
| **TPH** | | | | | | | | |
| TPH (DRO) | mg/kg | | 16.6 JB | 12.6 U | 97.2 | 12 NJB | UJB | 11.5 NJB |
| TPH (GRO) | mg/kg | | 8.8 U | 11 U | 9 NJ | 10.1 U | 6.1 U | 3.1 NJ |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,3-Dichlorobenzene | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U |
| 4-Methyl-2-pentanone | ug/kg | | 20 U | 23.9 U | 242 U | 20.5 U | 18.6 U | 19.5 U |
| Acetone | ug/kg | 25000 | 60 | 23.9 U | 383 | 16.6 NJ | 48.2 | 19.5 U |
| Benzene | ug/kg | 30 | 4 U | 0.84 NJ | 1.5 NJ | 0.26 NJ | 0.13 NJ | 0.18 NJ |
| Bromodichloromethane | ug/kg | 600 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Bromoform | ug/kg | 800 | 20 U | 23.9 U | 24.2 U | 20.5 U | 18.6 U | 19.5 U |
| Bromomethane | ug/kg | 200 | 20 U | 23.9 U | 242 U | 20.5 U | 18.6 U | 19.5 U |
| Carbon tetrachloride | ug/kg | 70 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Chlorobenzene | ug/kg | 1000 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Chloroethane | ug/kg | | 10 U | 11.9 U | 12.1 U | 10.3 U | 9.3 U | 9.7 U |
| Chloroform | ug/kg | 600 | 4 U | 4.8 | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Chloromethane | ug/kg | | 10 U | 11.9 U | 12.1 U | 10.3 U | 9.3 U | 9.7 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| cis-1,3-Dichloropropene | ug/kg | | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Dibromochloromethane | ug/kg | 400 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Ethylbenzene | ug/kg | 13000 | 4 U | 0.55 NJ | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Methyl ethyl ketone | ug/kg | | 49.9 U | 59.7 U | 31.5 NJ | 51.3 U | 46.4 U | 48.6 U |
| Methyl tert-butyl ether | ug/kg | 320 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Methylene chloride | ug/kg | 20 | 20 U | 23.9 U | 24.2 U | 20.5 U | 18.6 U | 19.5 U |
| Naphthalene | ug/kg | 12000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U |
| Styrene | ug/kg | 4000 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Tetrachloroethene | ug/kg | 60 | 4 U | 4.8 U | 4.8 U | 4.1 U | 0.18 NJ | 3.9 U |
| Toluene | ug/kg | 12000 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| trans-1,3-Dichloropropene | ug/kg | | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Trichloroethene | ug/kg | 60 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Vinyl Chloride | ug/kg | 10 | 4 U | 4.8 U | 4.8 U | 4.1 U | 3.7 U | 3.9 U |
| Xylene (Total) | ug/kg | 150000 | 12 U | 14.3 U | 14.5 U | 12.3 U | 11.1 U | 11.7 U |

# Table 9
# BP Soil Data - Lead, TPH, pH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | SB-4(2-3.5) | SB-4(19-20) | SB-5(2-3) | DUP-001 | SB-5(10-12) | SB-6(1.5-3) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 1/23/2014 | 1/23/2014 | 1/23/2014 | 1/23/2014 | 1/23/2014 | 2/25/2014 |
| Station Name | | | BP-SB-4 | BP-SB-4 | BP-SB-5 | BP-SB-5 | BP-SB-5 | BP-SB-6 |
| pH | s.u. | | 6.9 | 8 | 7.6 | 7.9 | 8.4 | 8.6 |
| **Metals-Total** | | | | | | | | |
| Lead, Total | mg/kg | | 13.1 | 15.2 | 12.2 | 12.3 | 11 | 2.8 |
| **TPH** | | | | | | | | |
| TPH (DRO) | mg/kg | | 4.3 NJB | 12.4 U | 12 U | 3.1 NJB | 12.5 U | 11 U |
| TPH (GRO) | mg/kg | | 9.3 U | 9.6 U | 9.2 U | 10.8 U | 9.6 U | 19.8 U |
| **VOCs** | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 396 U | 407 U | 397 U | 413 U | 412 U | 367 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 396 U | 407 U | 397 U | 413 U | 412 U | 367 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,3-Dichlorobenzene | ug/kg | | 396 U | 407 U | 397 U | 413 U | 412 U | 367 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 396 U | 407 U | 397 U | 413 U | 412 U | 367 U |
| 4-Methyl-2-pentanone | ug/kg | | 21.4 U | 20.8 U | 22.4 U | 19 U | 17.2 U | 16.6 U |
| Acetone | ug/kg | 25000 | 39.4 | 20.8 U | 67.3 | 19 U | 17.2 U | 16.6 U |
| Benzene | ug/kg | 30 | 4.3 U | 1.1 NJ | 0.15 NJ | 0.59 NJ | 0.71 NJ | 3.3 U |
| Bromodichloromethane | ug/kg | 600 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Bromoform | ug/kg | 800 | 21.4 U | 20.8 U | 22.4 U | 19 U | 17.2 U | 16.6 U |
| Bromomethane | ug/kg | 200 | 21.4 U | 20.8 U | 22.4 U | 19 U | 17.2 U | 16.6 U |
| Carbon tetrachloride | ug/kg | 70 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Chlorobenzene | ug/kg | 1000 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Chloroethane | ug/kg | | 10.7 U | 10.4 U | 11.2 U | 9.5 U | 8.6 U | 8.3 U |
| Chloroform | ug/kg | 600 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Chloromethane | ug/kg | | 10.7 U | 10.4 U | 11.2 U | 9.5 U | 8.6 U | 8.3 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| cis-1,3-Dichloropropene | ug/kg | | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Dibromochloromethane | ug/kg | 400 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Ethylbenzene | ug/kg | 13000 | 4.3 U | 0.71 NJ | 4.5 U | 3.8 U | 0.55 NJ | 3.3 U |
| Methyl ethyl ketone | ug/kg | | 53.4 U | 52.1 U | 55.9 U | 47.6 U | 43 U | 16.6 U |
| Methyl tert-butyl ether | ug/kg | 320 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Methylene chloride | ug/kg | 20 | 21.4 U | 20.8 U | 22.4 U | 19 U | 17.2 U | 16.6 U |
| Naphthalene | ug/kg | 12000 | 396 U | 407 U | 397 U | 413 U | 412 U | 367 U |
| Styrene | ug/kg | 4000 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Tetrachloroethene | ug/kg | 60 | 0.23 NJ | 4.2 U | 0.2 NJ | 3.8 U | 3.4 U | 3.3 U |
| Toluene | ug/kg | 12000 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| trans-1,3-Dichloropropene | ug/kg | | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Trichloroethene | ug/kg | 60 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Vinyl Chloride | ug/kg | 10 | 4.3 U | 4.2 U | 4.5 U | 3.8 U | 3.4 U | 3.3 U |
| Xylene (Total) | ug/kg | 150000 | 12.8 U | 12.5 U | 13.4 U | 11.4 U | 10.3 U | 9.9 U |

# Table 9
# BP Soil Data - Lead, TPH, pH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | SB-6(15-16.5) | SB-7(1.5-3) | SB-7(17-18) | SB-8(1.5-2.5) | DUP-002 |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/25/2014 | 2/25/2014 | 2/25/2014 | 2/25/2014 | 2/25/2014 |
| Station Name | | | BP-SB-6 | BP-SB-7 | BP-SB-7 | BP-SB-8 | BP-SB-8 |
| pH | s.u. | | 8 | 8.3 | 8 | 8.8 | 7.8 |
| **Metals-Total** | | | | | | | |
| Lead, Total | mg/kg | | 13.6 | 6.2 | 12.4 | 5.5 | 12.3 |
| **TPH** | | | | | | | |
| TPH (DRO) | mg/kg | | 16.3 | 11.5 U | 12.1 U | 11.7 U | 12.4 U |
| TPH (GRO) | mg/kg | | 9.9 U | 8.9 U | 9.3 U | 7.5 U | 10.4 U |
| **VOCs** | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 412 U | 384 U | 397 U | 386 U | 408 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 412 U | 384 U | 397 U | 386 U | 408 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,3-Dichlorobenzene | ug/kg | | 412 U | 384 U | 397 U | 386 U | 408 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 412 U | 384 U | 397 U | 386 U | 408 U |
| 4-Methyl-2-pentanone | ug/kg | | 23.2 U | 19.4 U | 16.1 U | 16.5 U | 22.8 U |
| Acetone | ug/kg | 25000 | 33.2 | 19.4 U | 186 | 16.5 U | 26 |
| Benzene | ug/kg | 30 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Bromodichloromethane | ug/kg | 600 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Bromoform | ug/kg | 800 | 23.2 U | 19.4 U | 16.1 U | 16.5 U | 22.8 U |
| Bromomethane | ug/kg | 200 | 23.2 U | 19.4 U | 16.1 U | 16.5 U | 22.8 U |
| Carbon tetrachloride | ug/kg | 70 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Chlorobenzene | ug/kg | 1000 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Chloroethane | ug/kg | | 11.6 U | 9.7 U | 8.1 U | 8.2 U | 11.4 U |
| Chloroform | ug/kg | 600 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Chloromethane | ug/kg | | 11.6 U | 9.7 U | 8.1 U | 8.2 U | 11.4 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| cis-1,3-Dichloropropene | ug/kg | | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Dibromochloromethane | ug/kg | 400 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Ethylbenzene | ug/kg | 13000 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Methyl ethyl ketone | ug/kg | | 23.2 U | 19.4 U | 16.1 U | 16.5 U | 22.8 U |
| Methyl tert-butyl ether | ug/kg | 320 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Methylene chloride | ug/kg | 20 | 23.2 U | 19.4 U | 16.1 U | 16.5 U | 22.8 U |
| Naphthalene | ug/kg | 12000 | 412 U | 384 U | 397 U | 386 U | 408 U |
| Styrene | ug/kg | 4000 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Tetrachloroethene | ug/kg | 60 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Toluene | ug/kg | 12000 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| trans-1,3-Dichloropropene | ug/kg | | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Trichloroethene | ug/kg | 60 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Vinyl Chloride | ug/kg | 10 | 4.6 U | 3.9 U | 3.2 U | 3.3 U | 4.6 U |
| Xylene (Total) | ug/kg | 150000 | 13.9 U | 11.6 U | 9.7 U | 9.9 U | 13.7 U |

# Table 9
# BP Soil Data - Lead, TPH, pH, and VOCs
# Wedron, Lasalle County, Illinois

| FieldSampleID | Units | SRO | SB-8(14-15) | SB-9(3-4) | SB-9(12-14) |
|---|---|---|---|---|---|
| Sample Date | | | 2/25/2014 | 2/26/2014 | 2/26/2014 |
| Station Name | | | BP-SB-8 | BP-SB-9 | BP-SB-9 |
| pH | s.u. | | 7.9 | 8 | 8 |
| **Metals-Total** | | | | | |
| Lead, Total | mg/kg | | 12.9 | 8.4 | 13.8 |
| **TPH** | | | | | |
| TPH (DRO) | mg/kg | | 12.6 U | 12.2 U | 12.4 U |
| TPH (GRO) | mg/kg | | 10 U | 9.6 U | 11.2 U |
| **VOCs** | | | | | |
| 1,1,1-Trichloroethane | ug/kg | 2000 | 4.6 U | 3.3 U | 3.9 U |
| 1,1,2,2-Tetrachloroethane | ug/kg | | 4.6 U | 3.3 U | 3.9 U |
| 1,1,2-Trichloroethane | ug/kg | 20 | 4.6 U | 3.3 U | 3.9 U |
| 1,1-Dichloroethane | ug/kg | 23000 | 4.6 U | 3.3 U | 3.9 U |
| 1,1-Dichloroethene | ug/kg | 60 | 4.6 U | 3.3 U | 3.9 U |
| 1,2,4-Trichlorobenzene | ug/kg | 5000 | 416 U | 408 U | 409 U |
| 1,2-Dichlorobenzene | ug/kg | 17000 | 416 U | 408 U | 409 U |
| 1,2-Dichloroethane | ug/kg | 20 | 4.6 U | 3.3 U | 3.9 U |
| 1,2-Dichloropropane | ug/kg | 30 | 4.6 U | 3.3 U | 3.9 U |
| 1,3-Dichlorobenzene | ug/kg | | 416 U | 408 U | 409 U |
| 1,3-Dichloropropene, Total | ug/kg | 4 | 4.6 U | 3.3 U | 3.9 U |
| 1,4-Dichlorobenzene | ug/kg | 2000 | 416 U | 408 U | 409 U |
| 4-Methyl-2-pentanone | ug/kg | | 22.9 U | 16.5 U | 19.3 U |
| Acetone | ug/kg | 25000 | 22.9 U | 16.5 U | 19.3 U |
| Benzene | ug/kg | 30 | 4.6 U | 3.3 U | 3.9 U |
| Bromodichloromethane | ug/kg | 600 | 4.6 U | 3.3 U | 3.9 U |
| Bromoform | ug/kg | 800 | 22.9 U | 16.5 U | 19.3 U |
| Bromomethane | ug/kg | 200 | 22.9 U | 16.5 U | 19.3 U |
| Carbon tetrachloride | ug/kg | 70 | 4.6 U | 3.3 U | 3.9 U |
| Chlorobenzene | ug/kg | 1000 | 4.6 U | 3.3 U | 3.9 U |
| Chloroethane | ug/kg | | 11.4 U | 8.2 U | 9.7 U |
| Chloroform | ug/kg | 600 | 4.6 U | 3.3 U | 3.9 U |
| Chloromethane | ug/kg | | 11.4 U | 8.2 U | 9.7 U |
| cis-1,2-Dichloroethene | ug/kg | 400 | 4.6 U | 3.3 U | 3.9 U |
| cis-1,3-Dichloropropene | ug/kg | | 4.6 U | 3.3 U | 3.9 U |
| Dibromochloromethane | ug/kg | 400 | 4.6 U | 3.3 U | 3.9 U |
| Ethylbenzene | ug/kg | 13000 | 4.6 U | 3.3 U | 3.9 U |
| Methyl ethyl ketone | ug/kg | | 22.9 U | 16.5 U | 19.3 U |
| Methyl tert-butyl ether | ug/kg | 320 | 4.6 U | 3.3 U | 3.9 U |
| Methylene chloride | ug/kg | 20 | 22.9 U | 16.5 U | 19.3 U |
| Naphthalene | ug/kg | 12000 | 416 U | 408 U | 409 U |
| Styrene | ug/kg | 4000 | 4.6 U | 3.3 U | 3.9 U |
| Tetrachloroethene | ug/kg | 60 | 4.6 U | 3.3 U | 3.9 U |
| Toluene | ug/kg | 12000 | 4.6 U | 3.3 U | 3.9 U |
| trans-1,2-Dichloroethene | ug/kg | 700 | 4.6 U | 3.3 U | 3.9 U |
| trans-1,3-Dichloropropene | ug/kg | | 4.6 U | 3.3 U | 3.9 U |
| Trichloroethene | ug/kg | 60 | 4.6 U | 3.3 U | 3.9 U |
| Vinyl Chloride | ug/kg | 10 | 4.6 U | 3.3 U | 3.9 U |
| Xylene (Total) | ug/kg | 150000 | 13.7 U | 9.9 U | 11.6 U |

**Table 10**
**BP Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | SB-1(2-3) | SB-1(20-21) | SB-2(2-3) | SB-2(22-23) | SB-3(3-5) | SB-3(25-27) | SB-4(2-3.5) |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/22/2014 | 1/23/2014 |
| Station Name | | | BP-SB-1 | BP-SB-1 | BP-SB-2 | BP-SB-2 | BP-SB-3 | BP-SB-3 | BP-SB-4 |
| **SVOCs** | | | | | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2-Chloronaphthalene | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2-Chlorophenol | ug/kg | 4000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2-Methylnaphthalene | ug/kg | | 382 U | 417 U | 52.3 NJ | 401 U | 397 U | 404 U | 396 U |
| 2-Methylphenol | ug/kg | 15000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2-Nitroaniline | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 2-Nitrophenol | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 3 & 4 Methylphenol | ug/kg | | 763 U | 834 U | 837 U | 802 U | 794 U | 809 U | 792 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 3-Nitroaniline | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 1970 U | 2150 U | 2160 U | 2070 U | 2040 U | 2080 U | 2040 U |
| 4-Bromophenyl-phenylether | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 4-Chloro-3-methylphenol | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 4-Chloroaniline | ug/kg | 700 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 4-Nitroaniline | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| 4-Nitrophenol | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Acenaphthene | ug/kg | 570000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Acenaphthylene | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Anthracene | ug/kg | 1.2E+07 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Benzo(a)anthracene | ug/kg | 2000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Benzo(a)pyrene | ug/kg | 8000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Benzo(g,h,i)perylene | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Carbazole | ug/kg | 600 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Chrysene | ug/kg | 160000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Dibenzofuran | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Diethylphthalate | ug/kg | 470000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Dimethyl phthalate | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Fluoranthene | ug/kg | 4300000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Fluorene | ug/kg | 560000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Hexachlorobenzene | ug/kg | 2000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Hexachloroethane | ug/kg | 500 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Isophorone | ug/kg | 8000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Nitrobenzene | ug/kg | 100 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Pentachlorophenol | ug/kg | 30 | 775 U | 846 U | 850 U | 814 U | 806 U | 821 U | 804 U |
| Phenanthrene | ug/kg | | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Phenol | ug/kg | 100000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |
| Pyrene | ug/kg | 4200000 | 382 U | 417 U | 419 U | 401 U | 397 U | 404 U | 396 U |

**Table 10**
**BP Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | SB-4(19-20) | SB-5(2-3) | DUP-001 | SB-5(10-12) | SB-6(1.5-3) | SB-6(15-16.5) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 1/23/2014 | 1/23/2014 | 1/23/2014 | 1/23/2014 | 2/25/2014 | 2/25/2014 |
| Station Name | | | BP-SB-4 | BP-SB-5 | BP-SB-5 | BP-SB-5 | BP-SB-6 | BP-SB-6 |
| **SVOCs** | | | | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2-Chloronaphthalene | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2-Chlorophenol | ug/kg | 4000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2-Methylnaphthalene | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2-Methylphenol | ug/kg | 15000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2-Nitroaniline | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 2-Nitrophenol | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 3 & 4 Methylphenol | ug/kg | | 815 U | 794 U | 826 U | 824 U | 733 U | 825 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 3-Nitroaniline | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 2100 U | 2050 U | 2130 U | 2120 U | 1890 U | 2120 U |
| 4-Bromophenyl-phenylether | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 4-Chloro-3-methylphenol | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 4-Chloroaniline | ug/kg | 700 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 4-Nitroaniline | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| 4-Nitrophenol | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Acenaphthene | ug/kg | 570000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Acenaphthylene | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Anthracene | ug/kg | 1.2E+07 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Benzo(a)anthracene | ug/kg | 2000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Benzo(a)pyrene | ug/kg | 8000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Benzo(g,h,i)perylene | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Carbazole | ug/kg | 600 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Chrysene | ug/kg | 160000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Dibenzofuran | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Diethylphthalate | ug/kg | 470000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Dimethyl phthalate | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Fluoranthene | ug/kg | 4300000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Fluorene | ug/kg | 560000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Hexachlorobenzene | ug/kg | 2000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Hexachloroethane | ug/kg | 500 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Isophorone | ug/kg | 8000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Nitrobenzene | ug/kg | 100 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Pentachlorophenol | ug/kg | 30 | 827 U | 806 U | 839 U | 836 U | 744 U | 837 U |
| Phenanthrene | ug/kg | | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Phenol | ug/kg | 100000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |
| Pyrene | ug/kg | 4200000 | 407 U | 397 U | 413 U | 412 U | 367 U | 412 U |

**Table 10**
**BP Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | SB-7(1.5-3) | SB-7(17-18) | SB-8(1.5-2.5) | DUP-002 | SB-8(14-15) | SB-9(3-4) |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/25/2014 | 2/25/2014 | 2/25/2014 | 2/25/2014 | 2/25/2014 | 2/26/2014 |
| Station Name | | | BP-SB-7 | BP-SB-7 | BP-SB-8 | BP-SB-8 | BP-SB-8 | BP-SB-9 |
| **SVOCs** | | | | | | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2-Chloronaphthalene | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2-Chlorophenol | ug/kg | 4000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2-Methylnaphthalene | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2-Methylphenol | ug/kg | 15000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2-Nitroaniline | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 2-Nitrophenol | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 3 & 4 Methylphenol | ug/kg | | 767 U | 793 U | 772 U | 815 U | 833 U | 815 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 3-Nitroaniline | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 1980 U | 2040 U | 1990 U | 2100 U | 2140 U | 2100 U |
| 4-Bromophenyl-phenylether | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 4-Chloro-3-methylphenol | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 4-Chloroaniline | ug/kg | 700 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 4-Nitroaniline | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| 4-Nitrophenol | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Acenaphthene | ug/kg | 570000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Acenaphthylene | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Anthracene | ug/kg | 1.2E+07 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Benzo(a)anthracene | ug/kg | 2000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Benzo(a)pyrene | ug/kg | 8000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Benzo(g,h,i)perylene | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Carbazole | ug/kg | 600 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Chrysene | ug/kg | 160000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Dibenzofuran | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Diethylphthalate | ug/kg | 470000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Dimethyl phthalate | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Fluoranthene | ug/kg | 4300000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Fluorene | ug/kg | 560000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Hexachlorobenzene | ug/kg | 2000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Hexachloroethane | ug/kg | 500 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Isophorone | ug/kg | 8000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Nitrobenzene | ug/kg | 100 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Pentachlorophenol | ug/kg | 30 | 779 U | 805 U | 784 U | 828 U | 845 U | 828 U |
| Phenanthrene | ug/kg | | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Phenol | ug/kg | 100000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |
| Pyrene | ug/kg | 4200000 | 384 U | 397 U | 386 U | 408 U | 416 U | 408 U |

**Table 10**
**BP Soil Data - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | SRO | SB-9(12-14) |
|---|---|---|---|
| Sample Date | | | 2/26/2014 |
| Station Name | | | BP-SB-9 |
| **SVOCs** | | | |
| 2,4,5-Trichlorophenol | ug/kg | 270000 | 409 U |
| 2,4,6-Trichlorophenol | ug/kg | 200 | 409 U |
| 2,4-Dichlorophenol | ug/kg | 1000 | 409 U |
| 2,4-Dimethylphenol | ug/kg | 9000 | 409 U |
| 2,4-Dinitrophenol | ug/kg | 200 | 409 U |
| 2,4-Dinitrotoluene | ug/kg | 0.8 | 409 U |
| 2,6-Dinitrotoluene | ug/kg | 0.7 | 409 U |
| 2-Chloronaphthalene | ug/kg | | 409 U |
| 2-Chlorophenol | ug/kg | 4000 | 409 U |
| 2-Methylnaphthalene | ug/kg | | 409 U |
| 2-Methylphenol | ug/kg | 15000 | 409 U |
| 2-Nitroaniline | ug/kg | | 409 U |
| 2-Nitrophenol | ug/kg | | 409 U |
| 3 & 4 Methylphenol | ug/kg | | 817 U |
| 3,3-Dichlorobenzidine | ug/kg | 7 | 409 U |
| 3-Nitroaniline | ug/kg | | 409 U |
| 4,6-Dinitro-2-methylphenol | ug/kg | | 2100 U |
| 4-Bromophenyl-phenylether | ug/kg | | 409 U |
| 4-Chloro-3-methylphenol | ug/kg | | 409 U |
| 4-Chloroaniline | ug/kg | 700 | 409 U |
| 4-Chlorophenyl-phenylether | ug/kg | | 409 U |
| 4-Nitroaniline | ug/kg | | 409 U |
| 4-Nitrophenol | ug/kg | | 409 U |
| Acenaphthene | ug/kg | 570000 | 409 U |
| Acenaphthylene | ug/kg | | 409 U |
| Anthracene | ug/kg | 1.2E+07 | 409 U |
| Benzo(a)anthracene | ug/kg | 2000 | 409 U |
| Benzo(a)pyrene | ug/kg | 8000 | 409 U |
| Benzo(b)fluoranthene | ug/kg | 5000 | 409 U |
| Benzo(g,h,i)perylene | ug/kg | | 409 U |
| Benzo(k)fluoranthene | ug/kg | 49000 | 409 U |
| bis(2-Chloroethoxy)methane | ug/kg | | 409 U |
| bis(2-Chloroethyl)ether | ug/kg | 0.4 | 409 U |
| bis(2-Ethylhexyl)phthalate | ug/kg | 3600000 | 409 U |
| Butyl benzyl phthalate | ug/kg | 930000 | 409 U |
| Carbazole | ug/kg | 600 | 409 U |
| Chrysene | ug/kg | 160000 | 409 U |
| Dibenzo(a,h)anthracene | ug/kg | 2000 | 409 U |
| Dibenzofuran | ug/kg | | 409 U |
| Diethylphthalate | ug/kg | 470000 | 409 U |
| Dimethyl phthalate | ug/kg | | 409 U |
| Di-N-Butyl phthalate | ug/kg | 2300000 | 409 U |
| Di-N-Octyl phthalate | ug/kg | 1E+07 | 409 U |
| Fluoranthene | ug/kg | 4300000 | 409 U |
| Fluorene | ug/kg | 560000 | 409 U |
| Hexachlorobenzene | ug/kg | 2000 | 409 U |
| Hexachloroethane | ug/kg | 500 | 409 U |
| Indeno(1,2,3-cd)pyrene | ug/kg | 14000 | 409 U |
| Isophorone | ug/kg | 8000 | 409 U |
| Nitrobenzene | ug/kg | 100 | 409 U |
| N-Nitroso-di-N-propylamine | ug/kg | 0.05 | 409 U |
| N-Nitrosodiphenylamine | ug/kg | 1000 | 409 U |
| Pentachlorophenol | ug/kg | 30 | 829 U |
| Phenanthrene | ug/kg | | 409 U |
| Phenol | ug/kg | 100000 | 409 U |
| Pyrene | ug/kg | 4200000 | 409 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW06-021413 Duplicate | WGW-RW06-021413 | WGW-RW05-021413 | WG-RW03-032312 | WG-RW03-032312D | WGW-RW01-042213 | WGS-RW07-120513 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/14/2013 | 2/14/2013 | 2/14/2013 | 3/23/2012 | 3/23/2012 | 4/22/2013 | 12/5/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW06-021413 Duplicate | WGW-RW06-021413 | WGW-RW05-021413 | WG-RW03-032312 | WG-RW03-032312D | WGW-RW01-042213 | WGS-RW07-120513 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/14/2013 | 2/14/2013 | 2/14/2013 | 3/23/2012 | 3/23/2012 | 4/22/2013 | 12/5/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WG-RW-Chwch-103112 | WGW-RW06-011113 | WGW-RW09C-022113 | WGC-RW02-053112 D | WGC-RW02-053112 | WGW-RW04-042213D |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 10/31/2012 | 1/11/2013 | 2/21/2013 | 5/31/2012 | 5/31/2012 | 4/22/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 98 | 0.64 | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 23 | 0.22 J | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 100 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 100 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 100 U | 61 | 8.1 J | 12 | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 100 | 1 | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 1 U | 5 U | 0.5 U | 1 U | 1 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U* | 10 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WG-RW-Chwch-103112 | WGW-RW06-011113 | WGW-RW09C-022113 | WGC-RW02-053112 D | WGC-RW02-053112 | WGW-RW04-042213D |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 10/31/2012 | 1/11/2013 | 2/21/2013 | 5/31/2012 | 5/31/2012 | 4/22/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 10 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U* | 0.75 * | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 150 | 1.2 | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 17 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 260 | 2.1 | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 100 U | 15 | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 26 | 0.28 J | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 8.4 J | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 57 | 0.58 | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 1.6 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 49 | 0.55 | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 320 | 2.6 | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW04-042213 | WGS-RW01-110512 | WGW-RW06-110413 | WGW-RW07-021413 | WGS-RW02-110512 | WGW-RW01-011113 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/22/2013 | 11/5/2012 | 11/4/2013 | 2/14/2013 | 11/5/2012 | 1/11/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 29 |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 9.3 |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 3.6 |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 3 |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 1 U | 0.5 U | 0.5 U | 1 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW04-042213 | WGS-RW01-110512 | WGW-RW06-110413 | WGW-RW07-021413 | WGS-RW02-110512 | WGW-RW01-011113 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/22/2013 | 11/5/2012 | 11/4/2013 | 2/14/2013 | 11/5/2012 | 1/11/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U* | 1 U | 1 U | 1 U* | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U* | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 31 |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 3.9 |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 88 |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 6.5 |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1.9 |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.44 J |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.85 |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 88 |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW06C-021913 | WGW-RW02-011113 | WGW-RW02D-011113 | WGW-RW04C-021913 | WGW-RW02-042213 | WGW-RW01-021413 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/19/2013 | 1/11/2013 | 1/11/2013 | 2/19/2013 | 4/22/2013 | 2/14/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 1200 | 1200 | 0.75 | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 290 | 300 | 0.22 J | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 5000 U | 5000 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 5000 U | 5000 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 5000 U | 5000 U | 5.1 J | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 2400 | 2400 | 0.82 | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 500 U | 500 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW06C-021913 | WGW-RW02-011113 | WGW-RW02D-011113 | WGW-RW04C-021913 | WGW-RW02-042213 | WGW-RW01-021413 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/19/2013 | 1/11/2013 | 1/11/2013 | 2/19/2013 | 4/22/2013 | 2/14/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 500 U | 500 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 3100 | 3100 | 2.1 | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 80 J | 90 J | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 8500 | 8400 | 5.8 | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 5000 U | 5000 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 210 J | 200 J | 0.2 J | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 500 U | 500 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 2900 | 3000 | 1.6 | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 10000 | 10000 | 5.1 | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 250 U | 250 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 11000 | 11000 | 7.4 | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW05C-021913 | WGS-RW02-080112 | WGC-RW01-053112 | WGS-RW03-110512 | WGW-RW02C-021913 | WGW-RW07-011113 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/19/2013 | 8/1/2012 | 5/31/2012 | 11/5/2012 | 2/19/2013 | 1/11/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.23 J | 0.5 U | 370 | 320 | 0.43 J | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.23 J | 0.5 U | 80 | 63 | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 1000 U | 500 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 1000 U | 500 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 1000 U | 500 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 2400 | 1700 | 1.6 | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 1 U | 100 U | 50 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 100 U | 50 U | 1 U | 1 U* |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW05C-021913 | WGS-RW02-080112 | WGC-RW01-053112 | WGS-RW03-110512 | WGW-RW02C-021913 | WGW-RW07-011113 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/19/2013 | 8/1/2012 | 5/31/2012 | 11/5/2012 | 2/19/2013 | 1/11/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 100 U | 50 U* | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 50 U | 25 | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 1 | 50 U | 25 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U* |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.21 J | 0.5 U | 660 | 600 | 0.7 | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 27 J | 27 | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 1 | 0.5 U | 1600 | 1100 | 1.4 | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 1000 U | 500 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 57 | 59 | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 100 U | 50 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 69 | 67 | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 180 | 110 | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 50 U | 25 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 1 | 0.5 U | 1700 | 1200 | 1.4 | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGS-RW01-080112 | WGS-RW01-080112D | WGC-RW03-050813 | WGC-RW02-050813 | WGW-RW03-011113 | WGC-RW01-050813D |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 8/1/2012 | 8/1/2012 | 5/8/2013 | 5/8/2013 | 1/11/2013 | 5/8/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U* | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGS-RW01-080112 | WGS-RW01-080112D | WGC-RW03-050813 | WGC-RW02-050813 | WGW-RW03-011113 | WGC-RW01-050813D |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 8/1/2012 | 8/1/2012 | 5/8/2013 | 5/8/2013 | 1/11/2013 | 5/8/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 5.9 | 3.6 | 0.48 J | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U* | 1 U* | 1 U | 1 U* |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGC-RW01-050813 | WG-RW01-041212 | WG-RW01-041212D | WGW-RW10-110613 | WGS-RW04-120513 | WGC-RW02-121411 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/8/2013 | 4/12/2012 | 4/12/2012 | 11/6/2013 | 12/5/2013 | 12/14/2011 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U* | 0.5 U* | 0.5 U | 0.5 U | 10 U* |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 480 |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 54 |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 200 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 200 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 200 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2200 |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 1 U | 1 U | 0.5 U | 0.5 U | 20 U* |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 20 U |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGC-RW01-050813 | WG-RW01-041212 | WG-RW01-041212D | WGW-RW10-110613 | WGS-RW04-120513 | WGC-RW02-121411 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 5/8/2013 | 4/12/2012 | 4/12/2012 | 11/6/2013 | 12/5/2013 | 12/14/2011 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 20 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Chloromethane | ug/l | | 5.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U* |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U* |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1000 |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 36 |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1700 |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 200 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 80 |
| Naphthalene | ug/l | 140 | 1 U* | 1 U | 1 U | 1 U | 1 U | 61 |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 560 |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 660 |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 10 U* |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2200 |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGC-RW02-121411-DP | WG-RW-3495-103112 | WG-RW-3495-103112D | WGW-RW07C-022113 | WGC-RW01-050212 | WGW-RW03-110413 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/14/2011 | 10/31/2012 | 10/31/2012 | 2/21/2013 | 5/2/2012 | 11/4/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 10 U* | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 460 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 51 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 200 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 200 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 200 U | 10 U | 10 U | 10 U | 10 U | 6.9 J |
| Benzene | ug/l | 5 | 2200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 20 U* | 1 U | 1 U | 0.5 U | 1 U | 0.37 J |
| Bromoform | ug/l | 1 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 20 U | 1 U* | 1 U* | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGC-RW02-121411-DP | WG-RW-3495-103112 | WG-RW-3495-103112D | WGW-RW07C-022113 | WGC-RW01-050212 | WGW-RW03-110413 |
|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/14/2011 | 10/31/2012 | 10/31/2012 | 2/21/2013 | 5/2/2012 | 11/4/2013 |
| Chlorobenzene | ug/l | 100 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 20 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 15 |
| Chloromethane | ug/l | | 10 U* | 0.5 U | 0.5 U | 0.5 U | 0.5 U* | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 10 U* | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* |
| Diisopropyl ether | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 970 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 35 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 1600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 200 U | 10 U | 10 U | 10 U | 10 U | 16 |
| Methyl tert-butyl ether | ug/l | 70 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 76 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 51 | 1 U | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 530 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | |
| Toluene | ug/l | 1000 | 630 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.7 |
| trans-1,2-Dichloroethene | ug/l | 100 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 10 U* | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 2100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW08-040814 | RW-01-100314 | WGW-RW09-021913 | WGC-RW01-013012 | WGC-RW01-013012D | WGW-RW08C-022113 | WG-RW03-041212 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/8/2014 | 10/3/2014 | 2/19/2013 | 1/30/2012 | 1/30/2012 | 2/21/2013 | 4/12/2012 |
| Collected By | | | USEPA | IEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.88 | | 0.5 U | 63 | 78 | 0.86 | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.22 J | | 0.5 U | 16 | 20 | 0.26 J | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | | 0.5 U | 6.5 | 8.4 | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 0.5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | | 0.5 U | 0.52 | 0.66 | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 0.5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 5 U | 10 U | 62 | 15 | 10 U | 10 U |
| Benzene | ug/l | 5 | 4 | 0.5 U | 0.5 U | 140 | 180 | 2.7 | 3.5 |
| Bromobenzene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 0.5 U | 1 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | 0.5 U | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW08-040814 | RW-01-100314 | WGW-RW09-021913 | WGC-RW01-013012 | WGC-RW01-013012D | WGW-RW08C-022113 | WG-RW03-041212 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/8/2014 | 10/3/2014 | 2/19/2013 | 1/30/2012 | 1/30/2012 | 2/21/2013 | 4/12/2012 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.34 J | 0.5 U | 0.5 U | 0.55 | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U* | 0.5 U* | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.16 J | 0.5 U | 0.5 U | 93 | 120 | 0.44 J | 2.6 |
| Hexachlorobutadiene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | | 0.5 U | 3.2 | 4.1 | 0.5 U | 0.22 J |
| m,p-Xylene | ug/l | | 1.4 | | 0.5 U | 370 | 450 | 4.7 | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 0.5 U | 10 U | 10 U | 5 J | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | | 0.5 U | 6.7 | 8.4 | 0.5 U | 0.24 J |
| Naphthalene | ug/l | 140 | 1 U | | 1 U | 11 | 8.7 | 1 U | 1 U |
| o-Xylene | ug/l | | 2 | | 0.5 U | 110 | 130 | 1.4 | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.87 | 0.5 U | 0.5 U | 300 | 370 | 3.7 | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 3.4 | 0.5 U | 0.5 U | 490 | 640 | 6 | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW03C-021913 | WGW-RW03-042213 | WGC-RW01-121411 | WGW-RW01C-021913 | WG-RW01-032312 | WGC-RW02-013012 | WGW-RW04-011113 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/19/2013 | 4/22/2013 | 12/14/2011 | 2/19/2013 | 3/23/2012 | 1/30/2012 | 1/11/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 9.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 1 U | 0.5 U | 1 U | 1 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U* |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW03C-021913 | WGW-RW03-042213 | WGC-RW01-121411 | WGW-RW01C-021913 | WG-RW01-032312 | WGC-RW02-013012 | WGW-RW04-011113 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/19/2013 | 4/22/2013 | 12/14/2011 | 2/19/2013 | 3/23/2012 | 1/30/2012 | 1/11/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.96 | 0.5 U | 0.5 U | 0.5 U | 1.1 |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 1.4 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 2.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 0.22 U | 1 U | 1 U | 0.79 JB | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGS-RW02-120513 | WGW-RW10-040914 | WG-RW02-032312 | WGS-RW04-080112 | WGW-RW02-021413 | WG-RW05-032312 | WGW-RW05-011113 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/5/2013 | 4/9/2014 | 3/23/2012 | 8/1/2012 | 2/14/2013 | 3/23/2012 | 1/11/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 1 U | 1 U | 0.5 U | 1 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U* |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGS-RW02-120513 | WGW-RW10-040914 | WG-RW02-032312 | WGS-RW04-080112 | WGW-RW02-021413 | WG-RW05-032312 | WGW-RW05-011113 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/5/2013 | 4/9/2014 | 3/23/2012 | 8/1/2012 | 2/14/2013 | 3/23/2012 | 1/11/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 1.2 | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.32 J | 0.93 |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.22 J | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.32 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGS-RW03-120513 | WGW-RW12-040914 | WG-RW06-032312 | WGC-RW01-081312 | WGW-RW08-021413 | WGS-RW01-120513 | WGW-RW11-040914 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/5/2013 | 4/9/2014 | 3/23/2012 | 8/13/2012 | 2/14/2013 | 12/5/2013 | 4/9/2014 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGS-RW03-120513 | WGW-RW12-040914 | WG-RW06-032312 | WGC-RW01-081312 | WGW-RW08-021413 | WGS-RW01-120513 | WGW-RW11-040914 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 12/5/2013 | 4/9/2014 | 3/23/2012 | 8/13/2012 | 2/14/2013 | 12/5/2013 | 4/9/2014 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.33 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.31 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.29 J | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WG-RW02-041212 | WGS-RW03-080112 | WGS-RW01-122013 | WGW-RW11-022113 | WGS-RW05-120513 | WGW-RW10-022113 | WGS-RW06-120513 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/12/2012 | 8/1/2012 | 12/20/2013 | 2/21/2013 | 12/5/2013 | 2/21/2013 | 12/5/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U* | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WG-RW02-041212 | WGS-RW03-080112 | WGS-RW01-122013 | WGW-RW11-022113 | WGS-RW05-120513 | WGW-RW10-022113 | WGS-RW06-120513 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | 4/12/2012 | 8/1/2012 | 12/20/2013 | 2/21/2013 | 12/5/2013 | 2/21/2013 | 12/5/2013 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.9 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 3.2 | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW04-021413 | WGS-RW06-080112 | WGW-RW03-021413 | WG-RW-3514-103112 | WG-RW04-032312 |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/14/2013 | 8/1/2012 | 2/14/2013 | 10/31/2012 | 3/23/2012 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 1 U | 0.5 U | 1 U | 1 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U* | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 11**
**Groundwater Analytical Data - Residential Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW04-021413 | WGS-RW06-080112 | WGW-RW03-021413 | WG-RW-3514-103112 | WG-RW04-032312 |
|---|---|---|---|---|---|---|---|
| Sample Date | | | 2/14/2013 | 8/1/2012 | 2/14/2013 | 10/31/2012 | 3/23/2012 |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | G103 | G153 | G108 | G109 | G110 | G111 | G112 | IMW-102-092413 | IMW-102-092413D | IMW-103-092413 | IMW-104-092413 | IMW-101-092513 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | GP-103 | GP-103 | GP-108 | GP-109 | GP-110 | GP-111 | GP-112 | IMW-102 | IMW-102 | IMW-103 | IMW-104 | IMW-101 |
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/23/2013 | 9/24/2013 | 9/24/2013 | 9/24/2013 | 9/24/2013 | 9/25/2013 |
| Collected By | | | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA |
| **VOCs** | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| 1,1,1-Trichloroethane | ug/l | 200 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,1-Dichloroethane | ug/l | 700 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,1-Dichloroethene | ug/l | 7 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,1-Dichloropropene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| 1,2,3-Trichlorobenzene | ug/l | | | | | | | | | | | | | |
| 1,2,3-Trichloropropane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 11.1 U | 10.4 U | 10.6 U | 10.3 UJ | 10.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | | | | | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | | | | | | | | | | | | |
| 1,2-Dibromoethane | ug/l | 0.05 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| 1,2-Dichlorobenzene | ug/l | 600 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 11.1 U | 10.4 U | 10.6 U | 10.3 UJ | 10.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,2-Dichloropropane | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| 1,3,5-Trimethylbenzene | ug/l | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 11.1 U | 10.4 U | 10.6 U | 10.3 UJ | 10.5 U |
| 1,3-Dichloropropane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| 1,3-Dichloropropene, Total | ug/l | 1 | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | ug/l | 75 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 11.1 U | 10.4 U | 10.6 U | 10.3 UJ | 10.5 U |
| 2,2-Dichloropropane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| 2-Chlorotoluene | ug/l | | | | | | | | | | | | | |
| 2-Hexanone | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 25.0 U | 25.0 U | 25.0 U | 25.0 UJ | 25.0 U |
| 4-Chlorotoluene | ug/l | | | | | | | | | | | | | |
| 4-Isopropyltoluene | ug/l | | | | | | | | | | | | | |
| 4-Methyl-2-pentanone | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 25.0 U | 25.0 U | 25.0 U | 25.0 UJ | 25.0 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 66 | 10 U | 10 U | 51.5 J | 100 U | 100 U | 370 J | 100 U |
| Benzene | ug/l | 5 | 20 | 24 | 22 | 130 | 200 | 2 U | 2 U | 299 | 313 | 279 | 45.5 J | 509 J |
| Bromobenzene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| Bromodichloromethane | ug/l | 0.2 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Bromoform | ug/l | 1 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Bromomethane | ug/l | 9.8 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 2.9 J | 5.0 UJ | 5.0 U |
| Carbon disulfide | ug/l | 700 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 10.0 U | 10.0 U | 10.0 U | 10.0 UJ | 10.0 U |
| Carbon tetrachloride | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Chlorobenzene | ug/l | 100 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Chlorobromomethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| Chloroethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Chloroform | ug/l | 0.2 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Chloromethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| cis-1,3-Dichloropropene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Dibromochloromethane | ug/l | 140 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Dibromomethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| Dichlorodifluoromethane | ug/l | | | | | | | | | | | | | |
| Diisopropyl ether | ug/l | | | | | | | | | | | | | |
| Ethylbenzene | ug/l | 700 | 1300 | 1400 | 990 | 2900 | 3400 | 82 | 2 U | 3230 | 3340 | 1950 | 299 J | 3990 J |
| Hexachlorobutadiene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 5.6 U | 5.2 U | 5.3 U | 5.2 UJ | 5.3 U |
| Hexane | ug/l | | | | | | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 100 | 120 | 100 | 130 | 96 | 12 | 2 U | | | | | |
| m,p-Xylene | ug/l | | | | | | | | | | | | | |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 25.0 U | 25.0 U | 25.0 U | 119 J | 25.0 U |
| Methyl tert-butyl ether | ug/l | 70 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 4.0 U | 4.0 U | 4.0 U | 4.0 UJ | 4.0 U |
| Methylene chloride | ug/l | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| n-Butylbenzene | ug/l | | | | | | | | | | | | | |
| N-Propylbenzene | ug/l | | | | | | | | | | | | | |
| Naphthalene | ug/l | 140 | 57 | 48 | 57 | 160 | 160 | 2.8 | 1.5 U | 118 | 106 | 73.3 | 5.1 J | 134 |
| o-Xylene | ug/l | | | | | | | | | | | | | |
| sec-Butylbenzene | ug/l | | | | | | | | | | | | | |
| Styrene | ug/l | 100 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 101 |
| tert-Butylbenzene | ug/l | | | | | | | | | | | | | |
| Tetrachloroethene | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Tetrahydrofuran | ug/l | | | | | | | | | | | | | |
| Toluene | ug/l | 1000 | 60 | 73 | 64 | 350 | 2200 | 18 | 2 U | 799 | 748 | 3550 | 142 J | 6660 J |
| trans-1,2-Dichloroethene | ug/l | 100 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| trans-1,3-Dichloropropene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Trichloroethene | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 5.0 U | 5.0 U | 5.0 U | 5.0 UJ | 5.0 U |
| Trichlorofluoromethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | | | | | |
| Vinyl Chloride | ug/l | 2 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2.0 U | 2.0 U | 2.0 U | 2.0 UJ | 2.0 U |
| Xylene (Total) | ug/l | 10000 | 4300 | 4500 | 1900 | 9000 | 20000 | 400 | 3.8 | 9450 | 11200 | 8170 | 487 J | 15900 J |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | IMW-102-100214 | IMW-103-100214 | IMW-104-100214 | IMW-101-100314 DUP | IMW-101-100314 | GW-MW12-140409 | GW-MW13-140409 | GW-MW14D-140409 |
|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IMW-102 | IMW-103 | IMW-104 | IMW-101 | IMW-101 | IR-MW-12 | IR-MW-13 | IR-MW-14 |
| Sample Date | | | 10/2/2014 | 10/2/2014 | 10/2/2014 | 10/3/2014 | 10/3/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 |
| Collected By | | | IEPA | IEPA | IEPA | IEPA | IEPA | ILRW | ILRW | ILRW |
| **VOCs** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/l | 200 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | | | | | | | | |
| 1,1,2-Trichloroethane | ug/l | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 700 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.67 | 1 U |
| 1,1-Dichloroethene | ug/l | 7 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloropropene | ug/l | | | | | | | | | |
| 1,2,3-Trichlorobenzene | ug/l | | | | | | | | | |
| 1,2,3-Trichloropropane | ug/l | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 5 U | 5.4 U | 5 U | 5.3 U | 5.8 U | 1.6 U | 1.7 U | 1.7 U |
| 1,2,4-Trimethylbenzene | ug/l | | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | | | | | | | | |
| 1,2-Dibromoethane | ug/l | 0.05 | | | | | | | | |
| 1,2-Dichlorobenzene | ug/l | 600 | 5 U | 5.4 U | 5 U | 5.3 U | 5.8 U | 1.6 U | 1.7 U | 1.7 U |
| 1,2-Dichloroethane | ug/l | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.85 | 1 U |
| 1,2-Dichloropropane | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 1 U | 1 U | 1 U |
| 1,3,5-Trimethylbenzene | ug/l | | | | | | | | | |
| 1,3-Dichlorobenzene | ug/l | | 5 U | 5.4 U | 5 U | 5.3 U | 5.8 U | 1.6 U | 1.7 U | 1.7 U |
| 1,3-Dichloropropane | ug/l | | | | | | | | | |
| 1,3-Dichloropropene, Total | ug/l | 1 | | | | | | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 5 U | 5.4 U | 5 U | 5.3 U | 5.8 U | 1.6 U | 1.7 U | 1.7 U |
| 2,2-Dichloropropane | ug/l | | | | | | | | | |
| 2-Chlorotoluene | ug/l | | | | | | | | | |
| 2-Hexanone | ug/l | | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Chlorotoluene | ug/l | | | | | | | | | |
| 4-Isopropyltoluene | ug/l | | | | | | | | | |
| 4-Methyl-2-pentanone | ug/l | | 2.8 VJ | 5 U | 3.6 VJ | 5 U | 5 U | 5 U | 5 U | 5 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 11 | 7.7 | 34 |
| Benzene | ug/l | 5 | 262 | 547 | 19.8 | 63.1 | 62.8 | 0.5 U | 0.5 U | 4.2 |
| Bromobenzene | ug/l | | | | | | | | | |
| Bromodichloromethane | ug/l | 0.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromoform | ug/l | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromomethane | ug/l | 9.8 | 2 U | 2 U | 2 U | 2 U | 2 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 0.82 |
| Carbon tetrachloride | ug/l | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chlorobenzene | ug/l | 100 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chlorobromomethane | ug/l | | | | | | | | | |
| Chloroethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloromethane | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 1 U | 1 U | 1 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U |
| Dibromochloromethane | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Dibromomethane | ug/l | | | | | | | | | |
| Dichlorodifluoromethane | ug/l | | | | | | | | | |
| Diisopropyl ether | ug/l | | | | | | | | | |
| Ethylbenzene | ug/l | 700 | 3830 | 1370 | 269 | 4160 | 3400 | 7.9 | 0.36 | 42 |
| Hexachlorobutadiene | ug/l | | 5 U | 5.4 U | 5 U | 5.3 U | 5.8 U | 4 U | 4.1 U | 4.2 U |
| Hexane | ug/l | | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | | | | | | | | |
| m,p-Xylene | ug/l | | | | | | | | | |
| Methyl ethyl ketone | ug/l | | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 17 |
| Methyl tert-butyl ether | ug/l | 70 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methylene chloride | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 5 U | 5 U | 5 U |
| n-Butylbenzene | ug/l | | | | | | | 1.8 | 0.83 U | 18 |
| N-Propylbenzene | ug/l | | | | | | | | | |
| Naphthalene | ug/l | 140 | 118 | 41.4 | 9.1 | 127 | 128 | | | |
| o-Xylene | ug/l | | | | | | | | | |
| sec-Butylbenzene | ug/l | | | | | | | | | |
| Styrene | ug/l | 100 | 5 U | 5 U | 5 U | 5 U | 5 U | 1 U | 1 U | 1 U |
| tert-Butylbenzene | ug/l | | | | | | | | | |
| Tetrachloroethene | ug/l | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tetrahydrofuran | ug/l | | | | | | | | | |
| Toluene | ug/l | 1000 | 564 | 3890 | 37.7 | 3530 | 3010 | 0.32 | 0.5 U | 60 |
| trans-1,2-Dichloroethene | ug/l | 100 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1 U | 1 U | 1 U |
| Trichloroethene | ug/l | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | | | | | | | | |
| Vinyl Chloride | ug/l | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 9920 | 4170 | 364 | 16000 | 13200 | 22 | 1.3 | 360 |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | GW-MW14-140409 | GW-MW15-140409 | WGS-GP19-GW-072512D | WGS-GP19-GW-072512 | WGS-TMW9-GW-072712 | WGS-RW05-080112 | WGW-WL01-042913 |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IR-MW-14 | IR-MW-15 | WGS-GP19 | WGS-GP19 | WGS-TMW9 | Hoxsey Prop | WGW-WL01 |
| Sample Date | | | 4/9/2014 | 4/9/2014 | 7/25/2012 | 7/25/2012 | 7/27/2012 | 8/1/2012 | 4/29/2013 |
| Collected By | | | ILRW | ILRW | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 UJ |
| 1,2,3-Trichloropropane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 1.6 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U* |
| 1,2,4-Trimethylbenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.4 |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 1.6 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.31 J |
| 1,3-Dichlorobenzene | ug/l | | 1.6 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 1.6 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 5 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 5 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 41 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 4.3 | 27 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 1 U | 2 U | 1 U | 1 U | 1 U | 1 U | 0.5 U |
| Bromoform | ug/l | 1 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 2 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | 1 | 10 U | | | | | |
| Carbon tetrachloride | ug/l | 5 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 2 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 1 U | 2 U | 0.64 | 0.6 | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 41 | 2100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.21 J |
| Hexachlorobutadiene | ug/l | | 3.9 U | 4 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.66 |
| Methyl ethyl ketone | ug/l | | 25 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 5 U | 10 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 16 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | | 150 | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| o-Xylene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.44 J |
| sec-Butylbenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 61 | 49 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.31 J |
| trans-1,2-Dichloroethene | ug/l | 100 | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 1 U | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 330 | 3200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.1 |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-SW01-052813 | WGW-SW02-052813 | WGW-GW01-052913 | WGW-SW03-052913 | WGW-GW02-053013 | WGW-MW3-053013 | WGW-MW4-053013 |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-SW01 | WGW-SW02 | WGW-GW01 | WGW-SW03 | WGW-GW02 | WGW-MW3 | WGW-MW4 |
| Sample Date | | | 5/28/2013 | 5/28/2013 | 5/29/2013 | 5/29/2013 | 5/30/2013 | 5/30/2013 | 5/30/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 5 U* | 5 U* | 5 U | 0.5 U* | 0.5 U | 0.24 JB | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.29 JB | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 7.2 | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 2.7 J | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 5 U | 5 U | 5 U* | 0.5 U | 0.5 U* | 0.5 U | 0.5 U* |
| 2-Chlorotoluene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 100 U | 100 U | 100 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 100 U | 100 U | 100 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 100 U | 100 U | 110 | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 89 | 2.1 J | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 10 U | 10 U | 10 U | 1 U | 1 U | 1 U* | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 10 U | 10 U | 10 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 31 | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.49 JB | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 89 | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 120 | 100 U | 140 | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.24 JB | 0.5 U |
| N-Propylbenzene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 10 U | 10 U | 0.2 U | 0.21 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 45 | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 200 | 3.6 J | 7.5 | 0.5 U | 1.3 | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 5 U | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 130 | 5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-MW5-053013 | WGW-MW6-053013 | WGW-MW1-053113 | WGW-MW2-053113D | WGW-MW2-053113 | WGW-MW8-053113 | WGW-Fractank-101613 |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-MW5 | WGW-MW6 | WGW-MW1 | WGW-MW2 | WGW-MW2 | WGW-MW8 | WGW-Fractank |
| Sample Date | | | 5/30/2013 | 5/30/2013 | 5/31/2013 | 5/31/2013 | 5/31/2013 | 5/31/2013 | 10/16/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.29 JB | 1.5 JB | 0.5 U | 0.16 JB | 0.5 U | |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.38 JB | 2.2 JB | 0.31 JB | 0.43 JB | 0.24 JB | 5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.14 JB | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U* | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 2-Hexanone | ug/l | | 10 U | 10 U | 100 U | 10 U | 10 U | 10 U | 20 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 100 U | 10 U | 10 U | 10 U | 20 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 810 H | 10 U | 10 U | 10 U | 26 |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 2.5 J | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U* | 10 U* | 1 U* | 1 U* | 1 U* | 10 U |
| Carbon disulfide | ug/l | 700 | | | | | | | 10 U |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Chloroethane | ug/l | | 1 U | 1 U | 10 U | 1 U | 1 U | 1 U | 10 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 10 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 86 |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.48 JB | 5 U | 0.36 JB | 0.29 JB | 0.29 JB | 5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 100 U | 10 U | 10 U | 10 U | 20 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.26 JB | 5 U | 0.5 U | 0.17 JB | 0.5 U | |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 0.28 J | 1 U | 1 U | 1 U | 4 |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 8 |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 1 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 2 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 5 U | 0.5 U | 0.5 U | 0.5 U | 21 |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-EPA1-040814 | WGW-EPA2-040814 | WGW-IMW103-040914 | WGW-MW3-040914 | WGW-MW6-040914 | WGW-MW6-040914D | WGW-MW7-040914 |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-EPA1 | WGW-EPA2 | WGW-IMW103 | WGW-MW3 | WGW-MW6 | WGW-MW6 | WGW-MW7 |
| Sample Date | | | 4/8/2014 | 4/8/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 690 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 5.4 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 210 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 250 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 250 U | 10 U | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 250 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 25 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 25 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 12 J | 0.32 J | 0.35 J | 0.34 J | 0.3 J |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexane | ug/l | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 51 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 2800 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 250 U | 10 U | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 15 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 50 | 1 U | 1 U | 1 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 1100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 4.8 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 3600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 13 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 3900 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-MW8-040914 | WGW-MW1-041014 | WGW-MW2-041014 | WGW-MW4-041014 | WGW-MW5-041014 | WGW-MW5-041014D | WGW-MW10-041414 | WGW-MW11-041414 |
|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-MW8 | WGW-MW1 | WGW-MW2 | WGW-MW4 | WGW-MW5 | WGW-MW5 | WGW-MW10 | WGW-MW11 |
| Sample Date | | | 4/9/2014 | 4/10/2014 | 4/10/2014 | 4/10/2014 | 4/10/2014 | 4/10/2014 | 4/14/2014 | 4/14/2014 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **VOCs** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 79 | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 21 J | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 500 U | 10 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 500 U | 10 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 500 U | 10 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 50 U | 1 U |
| Carbon disulfide | ug/l | 700 | | | | | | | | |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 50 U | 1 U |
| Chloroform | ug/l | 0.2 | 0.33 J | 0.5 U | 0.32 J | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.14 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 540 | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Hexane | ug/l | | | | | | | | | |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 29 | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 | 0.5 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 500 U | 10 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 57 | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 50 U | 1 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | | | | | | |
| Toluene | ug/l | 1000 | 0.27 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 26 | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 160 | 0.5 U |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-MW12-041414 | WGW-MW13-041414 | WS-GP-19 | WS-GP-20D | WS-GP-20 | WS-GP-21 | MW-1 | MW-2 |
|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-MW12 | WGW-MW13 | WS-GP-19 | WS-GP-20 | WS-GP-20 | WS-GP-21 | MW-1 | MW-2 |
| Sample Date | | | 4/14/2014 | 4/14/2014 | 5/14/2014 | 5/14/2014 | 5/14/2014 | 5/14/2014 | 11/25/2014 | 11/25/2014 |
| Collected By | | | USEPA | USEPA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA |
| **VOCs** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | | | | | | |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 0.5 U | 0.5 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,3-Trichloropropane | ug/l | | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 0.5 U | 0.5 U | 2 U | 2 U | 2 U | 0.15 UJ | 2 U | 2 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | 0.5 U | 0.5 U | | | | | | |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 10 U | 10 U | 2.2 UJ | 20 U | 2.1 UJ | 20 U | 20 U | 2.1 J |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 10 U | 10 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Acetone | ug/l | 6300 | 10 U | 10 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.49 UJ | 0.48 UJ | 0.1 UJ | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | 0.5 U | 0.5 U | | | | | | |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 1 U | 1 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Carbon disulfide | ug/l | 700 | | | 0.5 U | 0.5 U | 0.5 U | 0.11 UJ | 0.5 U | 0.5 U |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 1 U | 1 U | 5 UJ | 5 U | 5 UJ | 5 UJ | 5 U | 5 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.16 J | 0.5 U |
| Chloromethane | ug/l | | 0.5 U | 0.5 U | 2 U | 2 UB | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.28 UJ | 0.25 UJ | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 0.5 U | 0.5 U | 2 U | 2 U | 2 U | 0.14 UJ | 2 U | 2 U |
| Hexane | ug/l | | | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 0.5 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methyl ethyl ketone | ug/l | | 10 U | 10 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 0.5 U | 0.5 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 1 U | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 5 U | 5 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 0.5 U | 0.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | MW-3 | MW-11 | MW-12 | MW-14 | MW-15 | MW-16 | MW-17 | MW-18 |
|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | MW-3 | MW-11 | MW-12 | MW-14 | MW-15 | MW-16 | MW-17 | MW-18 |
| Sample Date | | | 11/25/2014 | 11/25/2014 | 11/24/2014 | 11/24/2014 | 11/24/2014 | 11/25/2014 | 11/24/2014 | 11/25/2014 |
| Collected By | | | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA |
| **VOCs** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,3-Trichloropropane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | | | | | | | | |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 1.7 J | 20 U |
| Acetone | ug/l | 6300 | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Benzene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | | | | | | | | |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Carbon disulfide | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 2 U B | 2 U B | 2 U B | 2 U | 2 U B | 2 U B | 2 U B | 2 U B |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Hexane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Isopropylbenzene (Cumene) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methyl ethyl ketone | ug/l | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Methyl tert-butyl ether | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| o-Xylene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Toluene | ug/l | 1000 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Table 12**
**Groundwater Analytical Data - Monitoring Wells - VOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | MW-19 | MW-19Dup | MW-20 | MW-21 | MW-22 | MW-22Dup |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | MW-19 | MW-19 | MW-20 | MW-21 | MW-22 | MW-22 |
| Sample Date | | | 11/25/2014 | 11/25/2014 | 11/25/2014 | 11/25/2014 | 11/25/2014 | 11/25/2014 |
| Collected By | | | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA | WEDRON SILICA |
| **VOCs** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ug/l | 200 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/l | 700 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethene | ug/l | 7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2,3-Trichlorobenzene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,3-Trichloropropane | ug/l | | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-Trichlorobenzene | ug/l | 70 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-Trimethylbenzene | ug/l | | 800 | 790 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dibromoethane | ug/l | 0.05 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 600 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3,5-Trimethylbenzene | ug/l | | 290 | 300 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichlorobenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,3-Dichloropropene, Total | ug/l | 1 | | | | | | |
| 1,4-Dichlorobenzene | ug/l | 75 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2,2-Dichloropropane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Hexanone | ug/l | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| 4-Chlorotoluene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Isopropyltoluene | ug/l | | 38.00 | 40.00 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/l | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Acetone | ug/l | 6300 | 20 U | 17 LC,J | 4.5 LC,J | 14 LC,J | 24 LC | 20 U |
| Benzene | ug/l | 5 | 8.4 | 8.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromobenzene | ug/l | | | | | | | |
| Bromodichloromethane | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/l | 9.8 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Carbon disulfide | ug/l | 700 | 0.13 J | 0.12 J | 0.5 U | 0.07 J | 0.12 J | 0.14 J |
| Carbon tetrachloride | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/l | | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Chloroform | ug/l | 0.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloromethane | ug/l | | 2 U | 2 U B | 2 U B | 2 U B | 2 U B | 2 U B |
| cis-1,2-Dichloroethene | ug/l | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/l | 140 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromomethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Diisopropyl ether | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/l | 700 | 210 | 220 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Hexachlorobutadiene | ug/l | | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Hexane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Isopropylbenzene (Cumene) | ug/l | | 13 | 13 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| m,p-Xylene | ug/l | | 1400 | 1400 | 1 U | 1 U | 1 U | 1 U |
| Methyl ethyl ketone | ug/l | | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Methyl tert-butyl ether | ug/l | 70 | 46 | 46 | 1.2 | 0.48 J | 0.28 J | 0.24 J |
| Methylene chloride | ug/l | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| N-Propylbenzene | ug/l | | 40 J | 41 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Naphthalene | ug/l | 140 | 80 | 94 | 5 U | 5 U | 5 U | 5 U |
| o-Xylene | ug/l | | 500 | 500 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| sec-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| tert-Butylbenzene | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrahydrofuran | ug/l | | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Toluene | ug/l | 1000 | 69 | 70 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,2-Dichloroethene | ug/l | 100 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| trans-1,3-Dichloropropene | ug/l | | 0.5 U | 0.5 U | 0.14 J | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/l | 5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichlorofluoromethane | ug/l | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl Chloride | ug/l | 2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (Total) | ug/l | 10000 | 1900 | 1900 | 1.5 U | 1.5 U | 1.5 U | 1.5 U |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | G103 | G153 | G108 | G109 | G110 | G111 | G112 | IMW-101-092513 | IMW-101-100314 DUP | IMW-101-100314 | IMW-102-092413 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | GP-103 | GP-103 | GP-108 | GP-109 | GP-110 | GP-111 | GP-112 | IMW-101 | IMW-101 | IMW-101 | IMW-102 |
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/23/2013 | 9/25/2013 | 10/3/2014 | 10/3/2014 | 9/24/2013 |
| Collected BY | | | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA |
| **SVOCs** | | | | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 1,2-Dinitrobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 1,3-Dinitrobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 1,4-Dinitrobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 1-Chloronaphthalene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 1-Naphthylamine | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 2,2-Oxybis(1-chloropropane) | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 2,2'-oxybis[1-chloropropane] | ug/l | | | | | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 2,4,5-Trichlorophenol | ug/l | 700 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 11 U | 12 U | 11.1 U |
| 2,4-Dichlorophenol | ug/l | 21 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 11 U | 12 U | 11.1 U |
| 2,4-Dimethylphenol | ug/l | 140 | 1.5 U | 1.5 U | 1.5 U | 6.6 | 3.4 | 1.5 U | 1.5 U | 5.8 J | 8.3 VJ | 9 VJ | 11.1 U |
| 2,4-Dinitrophenol | ug/l | 14 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 52.6 U | 21 U | 23 U | 55.6 U |
| 2,4-Dinitrotoluene | ug/l | 0.02 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 11 U | 12 U | 11.1 U |
| 2,6-Dichlorophenol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 2,6-Dinitrotoluene | ug/l | 0.31 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 11 U | 12 U | 11.1 U |
| 2-Chloronaphthalene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| 2-Chlorophenol | ug/l | 35 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| 2-Methylnaphthalene | ug/l | | 19 | 16 | 29 | 32 | 46 | 2.5 | 1.5 U | 22.2 | 27.1 | 25.7 | 17.7 |
| 2-Methylphenol | ug/l | 350 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 5.6 J | 3.1 VJ | 3.2 VJ | 11.1 U |
| 2-Naphthylamine | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 2-Nitroaniline | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 52.6 U | 11 U | 12 U | 55.6 U |
| 2-Nitrophenol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 11 U | 12 U | 11.1 U |
| 2-Picoline | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 3 & 4 Methylphenol | ug/l | | | | | | | | | | | | |
| 3,3-Dichlorobenzidine | ug/l | 20 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21.1 U | 5.3 U | 5.8 U | 22.2 U |
| 3-Nitroaniline | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 52.6 U | 11 U | 12 U | 55.6 U |
| 4,6-Dinitro-2-methylphenol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 52.6 U | 11 U | 12 U | 55.6 U |
| 4-Bromophenyl-phenylether | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| 4-Chloro-3-methylphenol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21.1 U | 11 U | 12 U | 22.2 U |
| 4-Chloroaniline | ug/l | 28 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21.1 U | 11 U | 12 U | 22.2 U |
| 4-Chlorophenyl-phenylether | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| 4-Nitroaniline | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 52.6 U | 11 U | 12 U | 55.6 U |
| 4-Nitrobiphenyl | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 4-Nitrophenol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 52.6 U | 21 U | 23 U | 55.6 U |
| 5-Nitroacenaphthene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Acenaphthene | ug/l | 420 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.1 U | 0.17 | 0.15 | 1.1 U |
| Acenaphthylene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.1 U | 0.11 U | 0.12 U | 1.1 U |
| Acetophenone | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.8 | 4 | 1.5 U | 1.5 U | | | | |
| Aniline | ug/l | | | | | | | | | | | | |
| Anthracene | ug/l | 2100 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.11 U | 0.12 U | 0.11 U |
| Atrazine | ug/l | 3 | | | | | | | | | | | |
| Azobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Benzo(a)anthracene | ug/l | 0.13 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.053 U | 0.023 VJ | 0.11 U |
| Benzo(b)fluoranthene | ug/l | 0.18 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.053 U | 0.058 U | 0.11 U |
| Benzo(g,h,i)perylene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.11 U | 0.12 U | 0.11 U |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | G103 | G153 | G108 | G109 | G110 | G111 | G112 | IMW-101-092513 | IMW-101-100314 DUP | IMW-101-100314 | IMW-102-092413 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | GP-103 | GP-103 | GP-108 | GP-109 | GP-110 | GP-111 | GP-112 | IMW-101 | IMW-101 | IMW-101 | IMW-102 |
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/23/2013 | 9/25/2013 | 10/3/2014 | 10/3/2014 | 9/24/2013 |
| Benzo(k)fluoranthene | ug/l | 0.17 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.11 U | 0.12 U | 0.11 U |
| Benzoic acid | ug/l | 28000 | | | | | | | | | | | |
| Benzyl alcohol | ug/l | | | | | | | | | | | | |
| bis(2-Chloroethoxy)methane | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| bis(2-Chloroethyl)ether | ug/l | 10 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| bis(2-Chloroisopropyl)ether | ug/l | | | | | | | | | 5.3 U | 5.3 U | 5.8 U | 5.6 U |
| bis(2-Ethylhexyl)phthalate | ug/l | 6 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 5.3 U | 6.7 | 6.2 | 5.6 U |
| Butyl benzyl phthalate | ug/l | 1400 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Chrysene | ug/l | 1.5 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.53 U | 0.11 U | 0.12 U | 0.56 U |
| Dibenzo(a,h)anthracene | ug/l | 0.3 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.11 U | 0.12 U | 0.11 U |
| Dibenzofuran | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 2.1 U | 2.3 U | 11.1 U |
| Diethylphthalate | ug/l | 5600 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Dimethyl phthalate | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Di-N-Butyl phthalate | ug/l | 700 | 1.5 U | 1.5 U | 1.5 U | 13 | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Di-N-Octyl phthalate | ug/l | 140 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Diphenylamine | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Ethyl methanesulfonate | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Fluoranthene | ug/l | 280 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.1 U | 0.11 U | 0.12 U | 1.1 U |
| Fluorene | ug/l | 280 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 2 | 1.5 U | 1.5 U | 1.1 U | 0.27 | 0.26 | 1.1 U |
| Hexachlorobenzene | ug/l | 0.06 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Hexachlorocyclopentadiene | ug/l | 50 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 21.1 U | 11 U | 12 U | 22.2 U |
| Hexachloroethane | ug/l | 7 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Hexachloropropene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.43 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 0.11 U | 0.11 U | 0.12 U | 0.11 U |
| Isodrin | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Isophorone | ug/l | 1400 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Isosafrole | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Mestranol | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Methyl methanesulfonate | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Nitrobenzene | ug/l | 3.5 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| N-Nitrosodimethylamine | ug/l | | | | | | | | | | | | |
| N-Nitrosodi-n-butylamine | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| N-Nitroso-di-N-propylamine | ug/l | 1.8 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| N-Nitrosodiphenylamine | ug/l | 3.2 | | | | | | | | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| N-Nitrosopiperidine | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| p-Dimethylaminoazobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Pentachlorobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Pentachloronitrobenzene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Pentachlorophenol | ug/l | 1 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 52.6 U | 11 U | 12 U | 55.6 U |
| Phenacetin | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Phenanthrene | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 2.1 | 1.5 U | 1.5 U | 1.1 U | 0.26 | 0.25 | 1.1 U |
| Phenol | ug/l | 100 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 5.5 | 1.5 U | 1.5 U | 10.5 U | 5.3 U | 5.8 U | 11.1 U |
| Pronamide | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Pyrene | ug/l | 210 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.1 U | 0.052 VJ | 0.048 VJ | 1.1 U |
| Pyridine | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Safrole | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | IMW-102-092413D | IMW-102-100214 | IMW-103-092413 | IMW-103-100214 | IMW-104-092413 | IMW-104-100214 | GW-MW12-140409 | GW-MW13-140409 |
|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IMW-102 | IMW-102 | IMW-103 | IMW-103 | IMW-104 | IMW-104 | IR-MW-12 | IR-MW-13 |
| Sample Date | | | 9/24/2013 | 10/2/2014 | 9/24/2013 | 10/2/2014 | 9/24/2013 | 10/2/2014 | 4/9/2014 | 4/9/2014 |
| Collected BY | | | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | ILRW | ILRW |
| **SVOCs** | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/l | | | | | | | | | |
| 1,2-Dinitrobenzene | ug/l | | | | | | | | | |
| 1,3-Dinitrobenzene | ug/l | | | | | | | | | |
| 1,4-Dinitrobenzene | ug/l | | | | | | | | | |
| 1-Chloronaphthalene | ug/l | | | | | | | | | |
| 1-Naphthylamine | ug/l | | | | | | | | | |
| 2,2-Oxybis(1-chloropropane) | ug/l | | | | | | | | | |
| 2,2'-oxybis[1-chloropropane] | ug/l | | | | | | | | 1 U | 1 U |
| 2,3,4,6-Tetrachlorophenol | ug/l | | | | | | | | | |
| 2,4,5-Trichlorophenol | ug/l | 700 | 10.4 U | 10 U | 10.6 U | 11 U | 10.3 UJ | 10 U | 8 U | 8 U |
| 2,4-Dichlorophenol | ug/l | 21 | 10.4 U | 10 U | 10.6 U | 11 U | 10.3 UJ | 10 U | 8 U | 8 U |
| 2,4-Dimethylphenol | ug/l | 140 | 10.4 U | 6.3 VJ | 7.5 J | 1.9 VJ | 10.3 UJ | 10 U | 8 U | 8 U |
| 2,4-Dinitrophenol | ug/l | 14 | 52.1 U | 20 U | 53.2 U | 22 U | 51.5 UJ | 20 U | 16 U | 17 U |
| 2,4-Dinitrotoluene | ug/l | 0.02 | 10.4 U | 10 U | 10.6 U | 11 U | 10.3 UJ | 10 U | 0 U | 0.8 U |
| 2,6-Dichlorophenol | ug/l | | | | | | | | | |
| 2,6-Dinitrotoluene | ug/l | 0.31 | 10.4 U | 10 U | 10.6 U | 11 U | 10.3 UJ | 10 U | 0 U | 0.4 U |
| 2-Chloronaphthalene | ug/l | | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| 2-Chlorophenol | ug/l | 35 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 4 U | 4 U |
| 2-Methylnaphthalene | ug/l | | 16.0 | 25.7 | 11.7 | 7.5 | 1.0 UJ | 1.4 VJ | 0.8 | 0.4 U |
| 2-Methylphenol | ug/l | 350 | 10.4 U | 10 U | 10.6 U | 5.1 VJ | 10.3 UJ | 10 U | 1 U | 1 U |
| 2-Naphthylamine | ug/l | | | | | | | | | |
| 2-Nitroaniline | ug/l | | 52.1 U | 10 U | 53.2 U | 11 U | 51.5 UJ | 10 U | 4 U | 4 U |
| 2-Nitrophenol | ug/l | | 10.4 U | 10 U | 10.6 U | 11 U | 10.3 UJ | 10 U | 8 U | 8 U |
| 2-Picoline | ug/l | | | | | | | | | |
| 3 & 4 Methylphenol | ug/l | | | | | | | | 1 U | 1 U |
| 3,3-Dichlorobenzidine | ug/l | 20 | 20.8 U | 5 U | 21.3 U | 5.4 U | 20.6 UJ | 5 U | 4 U | 4 U |
| 3-Nitroaniline | ug/l | | 52.1 U | 10 U | 53.2 U | 11 U | 51.5 UJ | 10 U | 8 U | 8 U |
| 4,6-Dinitro-2-methylphenol | ug/l | | 52.1 U | 10 U | 53.2 U | 11 U | 51.5 UJ | 10 U | 16 U | 17 U |
| 4-Bromophenyl-phenylether | ug/l | | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 4 U | 4 U |
| 4-Chloro-3-methylphenol | ug/l | | 20.8 U | 10 U | 21.3 U | 11 U | 20.6 UJ | 10 U | 8 U | 8 U |
| 4-Chloroaniline | ug/l | 28 | 20.8 U | 10 U | 21.3 U | 11 U | 20.6 UJ | 10 U | 8 U | 8 U |
| 4-Chlorophenyl-phenylether | ug/l | | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 4 U | 4 U |
| 4-Nitroaniline | ug/l | | 52.1 U | 10 U | 53.2 U | 11 U | 51.5 UJ | 10 U | 8 U | 8 U |
| 4-Nitrobiphenyl | ug/l | | | | | | | | | |
| 4-Nitrophenol | ug/l | | 52.1 U | 20 U | 53.2 U | 22 U | 51.5 UJ | 20 U | 16 U | 17 U |
| 5-Nitroacenaphthene | ug/l | | | | | | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/l | | | | | | | | | |
| Acenaphthene | ug/l | 420 | 1.0 U | 0.11 | 1.1 U | 0.11 U | 1.0 UJ | 0.1 U | 0 U | 0.8 U |
| Acenaphthylene | ug/l | | 1.0 U | 0.1 U | 1.1 U | 0.11 U | 1.0 UJ | 0.1 U | 0 U | 0.8 U |
| Acetophenone | ug/l | | | | | | | | | |
| Aniline | ug/l | | | | | | | | | |
| Anthracene | ug/l | 2100 | 0.1 U | 0.1 U | 0.11 U | 0.11 U | 0.1 UJ | 0.1 U | 0 U | 0.8 U |
| Atrazine | ug/l | 3 | | | | | | | | |
| Azobenzene | ug/l | | | | | | | | | |
| Benzo(a)anthracene | ug/l | 0.13 | 0.1 U | 0.05 U | 0.11 U | 0.054 U | 0.1 UJ | 0.042 VJ | 0.1 U | 0.1 U |
| Benzo(b)fluoranthene | ug/l | 0.18 | 0.1 U | 0.05 U | 0.11 U | 0.054 U | 0.1 UJ | 0.13 | 0.1 U | 0.1 U |
| Benzo(g,h,i)perylene | ug/l | | 0.1 U | 0.1 U | 0.11 U | 0.11 U | 0.1 UJ | 0.076 VJb | 0 U | 0.8 U |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | IMW-102-092413D | IMW-102-100214 | IMW-103-092413 | IMW-103-100214 | IMW-104-092413 | IMW-104-100214 | GW-MW12-140409 | GW-MW13-140409 |
|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IMW-102 | IMW-102 | IMW-103 | IMW-103 | IMW-104 | IMW-104 | IR-MW-12 | IR-MW-13 |
| Sample Date | | | 9/24/2013 | 10/2/2014 | 9/24/2013 | 10/2/2014 | 9/24/2013 | 10/2/2014 | 4/9/2014 | 4/9/2014 |
| Benzo(k)fluoranthene | ug/l | 0.17 | 0.1 U | 0.1 U | 0.11 U | 0.11 U | 0.1 UJ | 0.088 VJ | 0.1 U | 0.1 U |
| Benzoic acid | ug/l | 28000 | | | | | | | | |
| Benzyl alcohol | ug/l | | | | | | | | | |
| bis(2-Chloroethoxy)methane | ug/l | | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| bis(2-Chloroethyl)ether | ug/l | 10 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| bis(2-Chloroisopropyl)ether | ug/l | | 5.2 U | 5 U | 5.3 U | 5.4 U | 5.2 UJ | 5 U | | |
| bis(2-Ethylhexyl)phthalate | ug/l | 6 | 5.2 U | 2 U | 5.3 U | 1.4 VJ | 5.2 UJ | 0.97 VJ | 8 U | 8 U |
| Butyl benzyl phthalate | ug/l | 1400 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| Chrysene | ug/l | 1.5 | 0.52 U | 0.1 U | 0.53 U | 0.11 U | 0.52 UJ | 0.095 VJ | 0 U | 0.4 U |
| Dibenzo(a,h)anthracene | ug/l | 0.3 | 0.1 U | 0.1 U | 0.11 U | 0.11 U | 0.1 UJ | 0.1 U | 0.2 U | 0.2 U |
| Dibenzofuran | ug/l | | 10.4 U | 2 U | 10.6 U | 2.2 U | 10.3 UJ | 2 U | 1 U | 1 U |
| Diethylphthalate | ug/l | 5600 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| Dimethyl phthalate | ug/l | | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| Di-N-Butyl phthalate | ug/l | 700 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 4 U | 4 U |
| Di-N-Octyl phthalate | ug/l | 140 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 8 U | 8 U |
| Diphenylamine | ug/l | | | | | | | | | |
| Ethyl methanesulfonate | ug/l | | | | | | | | | |
| Fluoranthene | ug/l | 280 | 1.0 U | 0.1 U | 1.1 U | 0.11 U | 1.0 UJ | 0.09 VJ | 0 U | 0.8 U |
| Fluorene | ug/l | 280 | 1.0 U | 0.15 | 1.1 U | 0.12 | 1.0 UJ | 0.1 U | 0 U | 0.8 U |
| Hexachlorobenzene | ug/l | 0.06 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 0 U | 0.4 U |
| Hexachlorocyclopentadiene | ug/l | 50 | 20.8 U | 10 U | 21.3 U | 11 U | 20.6 UJ | 10 U | 16 U | 17 U |
| Hexachloroethane | ug/l | 7 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 4 U | 4 U |
| Hexachloropropene | ug/l | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.43 | 0.1 U | 0.1 U | 0.11 U | 0.11 U | 0.1 UJ | 0.057 VJb | 0.1 U | 0.1 U |
| Isodrin | ug/l | | | | | | | | | |
| Isophorone | ug/l | 1400 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 1 U | 1 U |
| Isosafrole | ug/l | | | | | | | | | |
| Mestranol | ug/l | | | | | | | | | |
| Methyl methanesulfonate | ug/l | | | | | | | | | |
| Nitrobenzene | ug/l | 3.5 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 0 U | 0.8 U |
| N-Nitrosodimethylamine | ug/l | | | | | | | | | |
| N-Nitrosodi-n-butylamine | ug/l | | | | | | | | | |
| N-Nitroso-di-N-propylamine | ug/l | 1.8 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 0 U | 0.4 U |
| N-Nitrosodiphenylamine | ug/l | 3.2 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 0 U | 0.8 U |
| N-Nitrosopiperidine | ug/l | | | | | | | | | |
| p-Dimethylaminoazobenzene | ug/l | | | | | | | | | |
| Pentachlorobenzene | ug/l | | | | | | | | | |
| Pentachloronitrobenzene | ug/l | | | | | | | | | |
| Pentachlorophenol | ug/l | 1 | 52.1 U | 10 U | 53.2 U | 11 U | 51.5 UJ | 10 U | 16 U | 17 U |
| Phenacetin | ug/l | | | | | | | | | |
| Phenanthrene | ug/l | | 1.0 U | 0.093 | 1.1 U | 0.13 | 1.0 UJ | 0.23 | 0 U | 0.8 U |
| Phenol | ug/l | 100 | 10.4 U | 5 U | 10.6 U | 5.4 U | 10.3 UJ | 5 U | 4 U | 4 U |
| Pronamide | ug/l | | | | | | | | | |
| Pyrene | ug/l | 210 | 1.0 U | 0.1 U | 1.1 U | 0.11 U | 1.0 UJ | 0.088 VJ | 0 U | 0.8 U |
| Pyridine | ug/l | | | | | | | | | |
| Safrole | ug/l | | | | | | | | | |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | GW-MW14D-140409 | GW-MW14-140409 | GW-MW15-140409 | WGC-RW02-121411 | WGC-RW02-121411-DP | WGC-RW01-013012 | WGC-RW01-013012D |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IR-MW-14 | IR-MW-14 | IR-MW-15 | Residence | Residence | Residence | Residence |
| Sample Date | | | 4/9/2014 | 4/9/2014 | 4/9/2014 | 12/14/2011 | 12/14/2011 | 1/30/2012 | 1/30/2012 |
| Collected BY | | | ILRW | ILRW | ILRW | USEPA | USEPA | USEPA | USEPA |
| **SVOCs** | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/l | | | | | | | | |
| 1,2-Dinitrobenzene | ug/l | | | | | | | | |
| 1,3-Dinitrobenzene | ug/l | | | | | | | | |
| 1,4-Dinitrobenzene | ug/l | | | | | | | | |
| 1-Chloronaphthalene | ug/l | | | | | | | | |
| 1-Naphthylamine | ug/l | | | | | | | | |
| 2,2-Oxybis(1-chloropropane) | ug/l | | | | | | | | |
| 2,2'-oxybis[1-chloropropane] | ug/l | | 1 U | 1 U | 1 U | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/l | | | | | | | | |
| 2,4,5-Trichlorophenol | ug/l | 700 | 8 U | 7 U | 8 U | | | | |
| 2,4-Dichlorophenol | ug/l | 21 | 8 U | 7 U | 8 U | | | | |
| 2,4-Dimethylphenol | ug/l | 140 | 7 | 6 | 8 | | | | |
| 2,4-Dinitrophenol | ug/l | 14 | 17 U | 16 U | 17 U | | | | |
| 2,4-Dinitrotoluene | ug/l | 0.02 | 0.8 U | 0.7 U | 0.8 U | 8 U | 8 U | 0.74 U | 0.73 U |
| 2,6-Dichlorophenol | ug/l | | | | | | | | |
| 2,6-Dinitrotoluene | ug/l | 0.31 | 0.4 U | 0.3 U | 0.4 U | 8 U | 8 U | 0.74 U | 0.73 U |
| 2-Chloronaphthalene | ug/l | | 1 U | 1 U | 1 U | | | | |
| 2-Chlorophenol | ug/l | 35 | 4 U | 3 U | 4 U | | | | |
| 2-Methylnaphthalene | ug/l | | 5 | 5 | 32 | 8 | 8 | 2 | 1.7 |
| 2-Methylphenol | ug/l | 350 | 1 U | 1 U | 1 U | | | | |
| 2-Naphthylamine | ug/l | | | | | | | | |
| 2-Nitroaniline | ug/l | | 4 U | 3 U | 4 U | | | | |
| 2-Nitrophenol | ug/l | | 8 U | 7 U | 8 U | | | | |
| 2-Picoline | ug/l | | | | | | | | |
| 3 & 4 Methylphenol | ug/l | | 1 U | 1 | 1 U | | | | |
| 3,3-Dichlorobenzidine | ug/l | 20 | 4 U | 3 U | 4 U | | | | |
| 3-Nitroaniline | ug/l | | 8 U | 7 U | 8 U | | | | |
| 4,6-Dinitro-2-methylphenol | ug/l | | 17 U | 16 U | 17 U | | | | |
| 4-Bromophenyl-phenylether | ug/l | | 4 U | 3 U | 4 U | | | | |
| 4-Chloro-3-methylphenol | ug/l | | 8 U | 7 U | 8 U | | | | |
| 4-Chloroaniline | ug/l | 28 | 8 U | 7 U | 8 U | | | | |
| 4-Chlorophenyl-phenylether | ug/l | | 4 U | 3 U | 4 U | | | | |
| 4-Nitroaniline | ug/l | | 8 U | 7 U | 8 U | | | | |
| 4-Nitrobiphenyl | ug/l | | | | | | | | |
| 4-Nitrophenol | ug/l | | 17 U | 16 U | 17 U | | | | |
| 5-Nitroacenaphthene | ug/l | | | | | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/l | | | | | | | | |
| Acenaphthene | ug/l | 420 | 0.8 U | 0.7 U | 0.8 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Acenaphthylene | ug/l | | 0.8 U | 0.7 U | 0.8 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Acetophenone | ug/l | | | | | | | | |
| Aniline | ug/l | | | | | | | | |
| Anthracene | ug/l | 2100 | 0.8 U | 0.7 U | 0.8 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Atrazine | ug/l | 3 | | | | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Azobenzene | ug/l | | | | | | | | |
| Benzo(a)anthracene | ug/l | 0.13 | 0.1 U | 0.1 U | 0.1 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Benzo(b)fluoranthene | ug/l | 0.18 | 0.1 U | 0.1 U | 0.1 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Benzo(g,h,i)perylene | ug/l | | 0.8 U | 0.7 U | 0.8 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | GW-MW14D-140409 | GW-MW14-140409 | GW-MW15-140409 | WGC-RW02-121411 | WGC-RW02-121411-DP | WGC-RW01-013012 | WGC-RW01-013012D |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IR-MW-14 | IR-MW-14 | IR-MW-15 | Residence | Residence | Residence | Residence |
| Sample Date | | | 4/9/2014 | 4/9/2014 | 4/9/2014 | 12/14/2011 | 12/14/2011 | 1/30/2012 | 1/30/2012 |
| Benzo(k)fluoranthene | ug/l | 0.17 | 0.1 U | 0.1 U | 0.1 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Benzoic acid | ug/l | 28000 | | | | | | | |
| Benzyl alcohol | ug/l | | | | | | | | |
| bis(2-Chloroethoxy)methane | ug/l | | 1 U | 1 U | 1 U | | | | |
| bis(2-Chloroethyl)ether | ug/l | 10 | 1 U | 1 U | 1 U | | | | |
| bis(2-Chloroisopropyl)ether | ug/l | | | | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/l | 6 | 23 | 11 | 8 U | 21 U | 21 U | 2 U | 2 U |
| Butyl benzyl phthalate | ug/l | 1400 | 1 U | 1 U | 1 U | 8 U | 8 U | 0.74 U | 0.73 U |
| Chrysene | ug/l | 1.5 | 0.4 U | 0.3 U | 0.4 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Dibenzo(a,h)anthracene | ug/l | 0.3 | 0.2 U | 0.2 U | 0.2 U | 2.1 U | 2.1 U | 0.2 U* | 0.2 U* |
| Dibenzofuran | ug/l | | 1 U | 1 U | 1 U | | | | |
| Diethylphthalate | ug/l | 5600 | 1 U | 1 U | 1 U | 16 U | 16 U | 1.5 U | 1.5 U |
| Dimethyl phthalate | ug/l | | 1 U | 1 U | 1 U | 16 U | 16 U | 1.5 U | 1.5 U |
| Di-N-Butyl phthalate | ug/l | 700 | 4 U | 3 U | 4 U | 16 U | 16 U | 0.094 JB | 0.095 JB |
| Di-N-Octyl phthalate | ug/l | 140 | 8 U | 7 U | 8 U | | | | |
| Diphenylamine | ug/l | | | | | | | | |
| Ethyl methanesulfonate | ug/l | | | | | | | | |
| Fluoranthene | ug/l | 280 | 0.8 U | 0.7 U | 0.8 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Fluorene | ug/l | 280 | 0.8 U | 0.7 U | 0.4 | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Hexachlorobenzene | ug/l | 0.06 | 0.4 U | 0.3 U | 0.4 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Hexachlorocyclopentadiene | ug/l | 50 | 17 U | 16 U | 17 U | 21 U | 21 U | 2 U | 2 U |
| Hexachloroethane | ug/l | 7 | 4 U | 3 U | 4 U | | | | |
| Hexachloropropene | ug/l | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.43 | 0.1 U | 0.1 U | 0.1 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Isodrin | ug/l | | | | | | | | |
| Isophorone | ug/l | 1400 | 1 U | 1 U | 1 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Isosafrole | ug/l | | | | | | | | |
| Mestranol | ug/l | | | | | | | | |
| Methyl methanesulfonate | ug/l | | | | | | | | |
| Nitrobenzene | ug/l | 3.5 | 0.8 U | 0.7 U | 0.8 U | | | | |
| N-Nitrosodimethylamine | ug/l | | | | | | | | |
| N-Nitrosodi-n-butylamine | ug/l | | | | | | | | |
| N-Nitroso-di-N-propylamine | ug/l | 1.8 | 0.4 U | 0.3 U | 0.4 U | | | | |
| N-Nitrosodiphenylamine | ug/l | 3.2 | 0.8 U | 0.7 U | 0.8 U | | | | |
| N-Nitrosopiperidine | ug/l | | | | | | | | |
| p-Dimethylaminoazobenzene | ug/l | | | | | | | | |
| Pentachlorobenzene | ug/l | | | | | | | | |
| Pentachloronitrobenzene | ug/l | | | | | | | | |
| Pentachlorophenol | ug/l | 1 | 17 U | 16 U | 17 U | | | | |
| Phenacetin | ug/l | | | | | | | | |
| Phenanthrene | ug/l | | 0.8 U | 0.7 U | 0.3 | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Phenol | ug/l | 100 | 4 U | 3 U | 4 U | | | | |
| Pronamide | ug/l | | | | | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Pyrene | ug/l | 210 | 0.8 U | 0.7 U | 0.8 U | 2.1 U | 2.1 U | 0.2 U | 0.2 U |
| Pyridine | ug/l | | | | | | | | |
| Safrole | ug/l | | | | | | | | |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGC-RW01-121411 | WGC-RW02-013012 | WGW-Fractank-101613 | WGW-GW01-052913 | WGW-GW02-053013 | WGW-MW1-053113 | WGW-MW2-053113D |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | Residence | Residence | WGW-Fractank | WGW-GW01 | WGW-GW02 | WGW-MW1 | WGW-MW2 |
| Sample Date | | | 12/14/2011 | 1/30/2012 | 10/16/2013 | 5/29/2013 | 5/30/2013 | 5/31/2013 | 5/31/2013 |
| Collected BY | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **SVOCs** | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/l | | | | | | | | |
| 1,2-Dinitrobenzene | ug/l | | | | | | | | |
| 1,3-Dinitrobenzene | ug/l | | | | | | | | |
| 1,4-Dinitrobenzene | ug/l | | | | | | | | |
| 1-Chloronaphthalene | ug/l | | | | | | | | |
| 1-Naphthylamine | ug/l | | | | | | | | |
| 2,2-Oxybis(1-chloropropane) | ug/l | | | | | | | | |
| 2,2'-oxybis[1-chloropropane] | ug/l | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/l | | | | | | | | |
| 2,4,5-Trichlorophenol | ug/l | 700 | | | 10 U | | | | |
| 2,4-Dichlorophenol | ug/l | 21 | | | 5 U | | | | |
| 2,4-Dimethylphenol | ug/l | 140 | | | 5 U | | | | |
| 2,4-Dinitrophenol | ug/l | 14 | | | 25 U | | | | |
| 2,4-Dinitrotoluene | ug/l | 0.02 | 0.83 U | 0.74 U | 9.999E-02 U | 0.75 U* | 0.74 U* | 7.5 U* | 0.73 U* |
| 2,6-Dichlorophenol | ug/l | | | | | | | | |
| 2,6-Dinitrotoluene | ug/l | 0.31 | 0.83 U | 0.74 U | 9.999E-02 U | 0.75 U* | 0.74 U* | 7.5 U* | 0.73 U* |
| 2-Chloronaphthalene | ug/l | | | | 5 U | | | | |
| 2-Chlorophenol | ug/l | 35 | | | 5 U | | | | |
| 2-Methylnaphthalene | ug/l | | 0.22 U | 0.2 U | 5 U | 0.2 U* | 0.2 U | 2 U | 0.2 U |
| 2-Methylphenol | ug/l | 350 | | | 5 U | | | | |
| 2-Naphthylamine | ug/l | | | | | | | | |
| 2-Nitroaniline | ug/l | | | | 25 U | | | | |
| 2-Nitrophenol | ug/l | | | | 5 U | | | | |
| 2-Picoline | ug/l | | | | | | | | |
| 3 & 4 Methylphenol | ug/l | | | | | | | | |
| 3,3-Dichlorobenzidine | ug/l | 20 | | | 10 U | | | | |
| 3-Nitroaniline | ug/l | | | | 25 U | | | | |
| 4,6-Dinitro-2-methylphenol | ug/l | | | | 25 U | | | | |
| 4-Bromophenyl-phenylether | ug/l | | | | 5 U | | | | |
| 4-Chloro-3-methylphenol | ug/l | | | | 5 U | | | | |
| 4-Chloroaniline | ug/l | 28 | | | 5 U | | | | |
| 4-Chlorophenyl-phenylether | ug/l | | | | 5 U | | | | |
| 4-Nitroaniline | ug/l | | | | 25 U | | | | |
| 4-Nitrobiphenyl | ug/l | | | | | | | | |
| 4-Nitrophenol | ug/l | | | | 25 U | | | | |
| 5-Nitroacenaphthene | ug/l | | | | | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/l | | | | | | | | |
| Acenaphthene | ug/l | 420 | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Acenaphthylene | ug/l | | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Acetophenone | ug/l | | | | | | | | |
| Aniline | ug/l | | | | 5 U | | | | |
| Anthracene | ug/l | 2100 | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Atrazine | ug/l | 3 | 0.22 U | 0.2 U | | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Azobenzene | ug/l | | | | | | | | |
| Benzo(a)anthracene | ug/l | 0.13 | 0.22 U | 0.2 U | 9.999E-02 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Benzo(b)fluoranthene | ug/l | 0.18 | 0.22 U | 0.2 U | 9.999E-02 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Benzo(g,h,i)perylene | ug/l | | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGC-RW01-121411 | WGC-RW02-013012 | WGW-Fractank-101613 | WGW-GW01-052913 | WGW-GW02-053013 | WGW-MW1-053113 | WGW-MW2-053113D |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | Residence | Residence | WGW-Fractank | WGW-GW01 | WGW-GW02 | WGW-MW1 | WGW-MW2 |
| Sample Date | | | 12/14/2011 | 1/30/2012 | 10/16/2013 | 5/29/2013 | 5/30/2013 | 5/31/2013 | 5/31/2013 |
| Benzo(k)fluoranthene | ug/l | 0.17 | 0.22 U | 0.2 U | 9.999E-02 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Benzoic acid | ug/l | 28000 | | | 28 | | | | |
| Benzyl alcohol | ug/l | | | | 5 U | | | | |
| bis(2-Chloroethoxy)methane | ug/l | | | | 5 U | | | | |
| bis(2-Chloroethyl)ether | ug/l | 10 | | | 5 U | | | | |
| bis(2-Chloroisopropyl)ether | ug/l | | | | 5 U | | | | |
| bis(2-Ethylhexyl)phthalate | ug/l | 6 | 2.2 U | 2 U | 5 U | 1.2 J | 2 U | 9.7 J | 1.2 J |
| Butyl benzyl phthalate | ug/l | 1400 | 0.83 U | 0.74 U | 5 U | 0.11 J | 0.74 U | 0.49 J | 0.73 U |
| Chrysene | ug/l | 1.5 | 0.22 U | 0.2 U | 9.999E-02 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Dibenzo(a,h)anthracene | ug/l | 0.3 | 0.22 U | 0.2 U* | 9.999E-02 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Dibenzofuran | ug/l | | | | 5 U | | | | |
| Diethylphthalate | ug/l | 5600 | 1.7 U | 1.5 U | 5 U | 0.091 J | 1.5 U | 0.58 J | 0.023 J |
| Dimethyl phthalate | ug/l | | 1.7 U | 1.5 U | 5 U | 1.5 U | 1.5 U | 0.48 J | 1.5 U |
| Di-N-Butyl phthalate | ug/l | 700 | 1.7 U | 0.082 JB | 5 U | 0.81 JB | 0.12 JB | 2.3 JB | 0.12 JB |
| Di-N-Octyl phthalate | ug/l | 140 | | | 5 U | | | | |
| Diphenylamine | ug/l | | | | | | | | |
| Ethyl methanesulfonate | ug/l | | | | | | | | |
| Fluoranthene | ug/l | 280 | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Fluorene | ug/l | 280 | 0.22 U | 0.2 U | 1 | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Hexachlorobenzene | ug/l | 0.06 | 0.22 U | 0.2 U | 5 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Hexachlorocyclopentadiene | ug/l | 50 | 2.2 U | 2 U | 5 U | 2 U | 2 U | 20 U | 2 U |
| Hexachloroethane | ug/l | 7 | | | 5 U | | | | |
| Hexachloropropene | ug/l | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.43 | 0.22 U | 0.2 U | 9.999E-02 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Isodrin | ug/l | | | | | | | | |
| Isophorone | ug/l | 1400 | 0.22 U | 0.2 U | 5 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Isosafrole | ug/l | | | | | | | | |
| Mestranol | ug/l | | | | | | | | |
| Methyl methanesulfonate | ug/l | | | | | | | | |
| Nitrobenzene | ug/l | 3.5 | | | 1 U | | | | |
| N-Nitrosodimethylamine | ug/l | | | | 5 U | | | | |
| N-Nitrosodi-n-butylamine | ug/l | | | | | | | | |
| N-Nitroso-di-N-propylamine | ug/l | 1.8 | | | 9.999E-02 U | | | | |
| N-Nitrosodiphenylamine | ug/l | 3.2 | | | 5 U | | | | |
| N-Nitrosopiperidine | ug/l | | | | | | | | |
| p-Dimethylaminoazobenzene | ug/l | | | | | | | | |
| Pentachlorobenzene | ug/l | | | | | | | | |
| Pentachloronitrobenzene | ug/l | | | | | | | | |
| Pentachlorophenol | ug/l | 1 | | | 0 U | | | | |
| Phenacetin | ug/l | | | | | | | | |
| Phenanthrene | ug/l | | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Phenol | ug/l | 100 | | | 8 | | | | |
| Pronamide | ug/l | | 0.22 U | 0.2 U | | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Pyrene | ug/l | 210 | 0.22 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 2 U | 0.2 U |
| Pyridine | ug/l | | | | 5 U | | | | |
| Safrole | ug/l | | | | | | | | |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-MW4-053013 | WGW-MW5-053013 | WGW-MW8-053113 | WGW-SW03-052913 |
|---|---|---|---|---|---|---|
| Station Name | | | WGW-MW4 | WGW-MW5 | WGW-MW8 | WGW-SW03 |
| Sample Date | | | 5/30/2013 | 5/30/2013 | 5/31/2013 | 5/29/2013 |
| Collected BY | | | USEPA | USEPA | USEPA | USEPA |
| **SVOCs** | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ug/l | | | | | |
| 1,2-Dinitrobenzene | ug/l | | | | | |
| 1,3-Dinitrobenzene | ug/l | | | | | |
| 1,4-Dinitrobenzene | ug/l | | | | | |
| 1-Chloronaphthalene | ug/l | | | | | |
| 1-Naphthylamine | ug/l | | | | | |
| 2,2-Oxybis(1-chloropropane) | ug/l | | | | | |
| 2,2'-oxybis[1-chloropropane] | ug/l | | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/l | | | | | |
| 2,4,5-Trichlorophenol | ug/l | 700 | | | | |
| 2,4-Dichlorophenol | ug/l | 21 | | | | |
| 2,4-Dimethylphenol | ug/l | 140 | | | | |
| 2,4-Dinitrophenol | ug/l | 14 | | | | |
| 2,4-Dinitrotoluene | ug/l | 0.02 | 0.74 U* | 0.75 U* | 0.75 U* | 0.8 U* |
| 2,6-Dichlorophenol | ug/l | | | | | |
| 2,6-Dinitrotoluene | ug/l | 0.31 | 0.74 U* | 0.75 U* | 0.75 U* | 0.8 U* |
| 2-Chloronaphthalene | ug/l | | | | | |
| 2-Chlorophenol | ug/l | 35 | | | | |
| 2-Methylnaphthalene | ug/l | | 0.2 U | 0.2 U | 0.2 U | 0.21 U* |
| 2-Methylphenol | ug/l | 350 | | | | |
| 2-Naphthylamine | ug/l | | | | | |
| 2-Nitroaniline | ug/l | | | | | |
| 2-Nitrophenol | ug/l | | | | | |
| 2-Picoline | ug/l | | | | | |
| 3 & 4 Methylphenol | ug/l | | | | | |
| 3,3-Dichlorobenzidine | ug/l | 20 | | | | |
| 3-Nitroaniline | ug/l | | | | | |
| 4,6-Dinitro-2-methylphenol | ug/l | | | | | |
| 4-Bromophenyl-phenylether | ug/l | | | | | |
| 4-Chloro-3-methylphenol | ug/l | | | | | |
| 4-Chloroaniline | ug/l | 28 | | | | |
| 4-Chlorophenyl-phenylether | ug/l | | | | | |
| 4-Nitroaniline | ug/l | | | | | |
| 4-Nitrobiphenyl | ug/l | | | | | |
| 4-Nitrophenol | ug/l | | | | | |
| 5-Nitroacenaphthene | ug/l | | | | | |
| 7,12-Dimethylbenzo(a)anthracene | ug/l | | | | | |
| Acenaphthene | ug/l | 420 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Acenaphthylene | ug/l | | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Acetophenone | ug/l | | | | | |
| Aniline | ug/l | | | | | |
| Anthracene | ug/l | 2100 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Atrazine | ug/l | 3 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Azobenzene | ug/l | | | | | |
| Benzo(a)anthracene | ug/l | 0.13 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Benzo(b)fluoranthene | ug/l | 0.18 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Benzo(g,h,i)perylene | ug/l | | 0.2 U | 0.2 U | 0.2 U | 0.21 U |

**Table 13**
**Groundwater Analytical Data - Monitoring and Residential Wells - SVOCs**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-MW4-053013 | WGW-MW5-053013 | WGW-MW8-053113 | WGW-SW03-052913 |
|---|---|---|---|---|---|---|
| Station Name | | | WGW-MW4 | WGW-MW5 | WGW-MW8 | WGW-SW03 |
| Sample Date | | | 5/30/2013 | 5/30/2013 | 5/31/2013 | 5/29/2013 |
| Benzo(k)fluoranthene | ug/l | 0.17 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Benzoic acid | ug/l | 28000 | | | | |
| Benzyl alcohol | ug/l | | | | | |
| bis(2-Chloroethoxy)methane | ug/l | | | | | |
| bis(2-Chloroethyl)ether | ug/l | 10 | | | | |
| bis(2-Chloroisopropyl)ether | ug/l | | | | | |
| bis(2-Ethylhexyl)phthalate | ug/l | 6 | 0.6 J | 1.2 J | 0.68 J | 2.1 U |
| Butyl benzyl phthalate | ug/l | 1400 | 0.74 U | 0.75 U | 0.75 U | 0.8 U |
| Chrysene | ug/l | 1.5 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Dibenzo(a,h)anthracene | ug/l | 0.3 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Dibenzofuran | ug/l | | | | | |
| Diethylphthalate | ug/l | 5600 | 1.5 U | 0.038 J | 1.5 U | 0.045 J |
| Dimethyl phthalate | ug/l | | 1.5 U | 1.5 U | 1.5 U | 1.6 U |
| Di-N-Butyl phthalate | ug/l | 700 | 0.061 JB | 0.063 JB | 0.079 JB | 0.054 JB |
| Di-N-Octyl phthalate | ug/l | 140 | | | | |
| Diphenylamine | ug/l | | | | | |
| Ethyl methanesulfonate | ug/l | | | | | |
| Fluoranthene | ug/l | 280 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Fluorene | ug/l | 280 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Hexachlorobenzene | ug/l | 0.06 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Hexachlorocyclopentadiene | ug/l | 50 | 2 U | 2 U | 2 U | 2.1 U |
| Hexachloroethane | ug/l | 7 | | | | |
| Hexachloropropene | ug/l | | | | | |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.43 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Isodrin | ug/l | | | | | |
| Isophorone | ug/l | 1400 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Isosafrole | ug/l | | | | | |
| Mestranol | ug/l | | | | | |
| Methyl methanesulfonate | ug/l | | | | | |
| Nitrobenzene | ug/l | 3.5 | | | | |
| N-Nitrosodimethylamine | ug/l | | | | | |
| N-Nitrosodi-n-butylamine | ug/l | | | | | |
| N-Nitroso-di-N-propylamine | ug/l | 1.8 | | | | |
| N-Nitrosodiphenylamine | ug/l | 3.2 | | | | |
| N-Nitrosopiperidine | ug/l | | | | | |
| p-Dimethylaminoazobenzene | ug/l | | | | | |
| Pentachlorobenzene | ug/l | | | | | |
| Pentachloronitrobenzene | ug/l | | | | | |
| Pentachlorophenol | ug/l | 1 | | | | |
| Phenacetin | ug/l | | | | | |
| Phenanthrene | ug/l | | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Phenol | ug/l | 100 | | | | |
| Pronamide | ug/l | | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Pyrene | ug/l | 210 | 0.2 U | 0.2 U | 0.2 U | 0.21 U |
| Pyridine | ug/l | | | | | |
| Safrole | ug/l | | | | | |

# Table 14
## Groundwater Analytical Data - Monitoring and Residential Wells - Metals
## Wedron, Lasalle County, Illinois

| FieldSampleID | Units | GW RO | G103 | G153 | G108 | G109 | G110 | G111 | G112 | IMW-101-092513 | IMW-101-100314 DUP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | GP-103 | GP-103 | GP-108 | GP-109 | GP-110 | GP-111 | GP-112 | IMW-101 | IMW-101 |
| Sample Date | | | 5/21/2013 | 5/21/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/22/2013 | 5/23/2013 | 9/25/2013 | 10/3/2014 |
| Collected By | | | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA |
| **Metals-Total** | | | | | | | | | | | |
| Aluminum, Total | mg/l | | 0.131 | 8.9E-02 | 9.4E-02 | 0.134 | 0.135 | 0.536 | 0.0926 | | |
| Antimony, Total | mg/l | 0.006 | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | | |
| Arsenic, Total | mg/l | 0.05 | 0.010 U | 0.010 U | 0.010 U | 0.017 | 0.010 U | 0.010 U | 0.010 U | | |
| Barium, Total | mg/l | 2 | 0.176 | 0.175 | 0.326 | 0.364 | 0.107 | 0.153 | 0.104 | | |
| Beryllium, Total | mg/l | 0.004 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | | |
| Boron | mg/l | 2 | 0.221 | 0.223 | 0.191 | 0.180 | 0.180 | 0.293 | 0.210 | | |
| Cadmium, Total | mg/l | 0.005 | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U | | |
| Calcium, Total | mg/l | | 74.400 | 74.400 | 167.000 | 124.000 | 84.100 | 62.200 | 122.000 | | |
| Chromium, Total | mg/l | 0.1 | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | | |
| Cobalt, Total | mg/l | 1 | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | | |
| Copper, Total | mg/l | 0.65 | 0.0166 | 0.0156 | 0.0109 | 0.0127 | 0.010 U | 0.0139 | 0.010 U | | |
| Iron, Total | mg/l | | 6.530 | 6.310 | 15.000 | 13.500 | 7.130 | 8.380 | 0.381 | | 18.500 |
| Lead, Total | mg/l | 0.0075 | 0.0147 | 0.0141 | 0.00672 | 0.016 | 0.0147 | 0.0106 | 0.005 U | 0.0100 U | 0.0115 |
| Magnesium, Total | mg/l | | 38.300 | 38.800 | 74.600 | 50.100 | 42.300 | 42.100 | 50.900 | | |
| Manganese, Total | mg/l | 0.15 | 0.0647 | 0.0644 | 0.126 | 0.0958 | 0.0423 | 9.6E-02 | 0.0281 | | |
| Mercury, Total | mg/l | 0.002 | | | | | | | | | |
| Nickel, Total | mg/l | 0.1 | 0.005 U | 0.005 U | 0.00867 | 0.005 U | 0.005 U | 0.0149 | 0.005 U | | |
| Potassium, Total | mg/l | | 1.400 U | 1.400 U | 2.150 | 2.330 | 1.400 | 1.910 | 1.590 | | |
| Selenium, Total | mg/l | 0.05 | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | | |
| Silver, Total | mg/l | 0.05 | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U | | |
| Sodium, Total | mg/l | | 122.000 | 125.000 | 269.000 | 137.000 | 123.000 | 158.000 | 151.000 | | |
| Strontium | mg/l | | 0.108 | 0.110 | 0.313 | 0.245 | 0.128 | 0.115 | 0.160 | | |
| Thallium, Total | mg/l | 0.002 | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | | |
| Vanadium, Total | mg/l | 0.049 | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | | |
| Zinc, Total | mg/l | 5 | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U | | |

**Table 14**
**Groundwater Analytical Data - Monitoring and Residential Wells - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | IMW-101-100314 | IMW-102-092413 | IMW-102-092413D | IMW-102-100214 | IMW-103-092413 | IMW-103-100214 | IMW-104-092413 |
|---|---|---|---|---|---|---|---|---|---|
| Station Name | | | IMW-101 | IMW-102 | IMW-102 | IMW-102 | IMW-103 | IMW-103 | IMW-104 |
| Sample Date | | | 10/3/2014 | 9/24/2013 | 9/24/2013 | 10/2/2014 | 9/24/2013 | 10/2/2014 | 9/24/2013 |
| Collected By | | | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA | IEPA |
| **Metals-Total** | | | | | | | | | |
| Aluminum, Total | mg/l | | | | | | | | |
| Antimony, Total | mg/l | 0.006 | | | | | | | |
| Arsenic, Total | mg/l | 0.05 | | | | | | | |
| Barium, Total | mg/l | 2 | | | | | | | |
| Beryllium, Total | mg/l | 0.004 | | | | | | | |
| Boron | mg/l | 2 | | | | | | | |
| Cadmium, Total | mg/l | 0.005 | | | | | | | |
| Calcium, Total | mg/l | | | | | | | | |
| Chromium, Total | mg/l | 0.1 | | | | | | | |
| Cobalt, Total | mg/l | 1 | | | | | | | |
| Copper, Total | mg/l | 0.65 | | | | | | | |
| Iron, Total | mg/l | | 18.300 | | | 13.400 | | 17.400 | |
| Lead, Total | mg/l | 0.0075 | 0.0109 | 0.0100 U | 0.0100 U | 0.0019 VJ | 0.0100 U | 0.005 U | 0.0100 UJ |
| Magnesium, Total | mg/l | | | | | | | | |
| Manganese, Total | mg/l | 0.15 | | | | | | | |
| Mercury, Total | mg/l | 0.002 | | | | | | | |
| Nickel, Total | mg/l | 0.1 | | | | | | | |
| Potassium, Total | mg/l | | | | | | | | |
| Selenium, Total | mg/l | 0.05 | | | | | | | |
| Silver, Total | mg/l | 0.05 | | | | | | | |
| Sodium, Total | mg/l | | | | | | | | |
| Strontium | mg/l | | | | | | | | |
| Thallium, Total | mg/l | 0.002 | | | | | | | |
| Vanadium, Total | mg/l | 0.049 | | | | | | | |
| Zinc, Total | mg/l | 5 | | | | | | | |

# Table 14
## Groundwater Analytical Data - Monitoring and Residential Wells - Metals
## Wedron, Lasalle County, Illinois

| FieldSampleID | Units | GW RO | IMW-104-100214 | GW-MW12-140409 | GW-MW13-140409 | GW-MW14D-140409 | GW-MW14-140409 | GW-MW15-140409 |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | IMW-104 | IR-MW-12 | IR-MW-13 | IR-MW-14 | IR-MW-14 | IR-MW-15 |
| Sample Date | | | 10/2/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 | 4/9/2014 |
| Collected By | | | IEPA | ILRW | ILRW | ILRW | ILRW | ILRW |
| **Metals-Total** | | | | | | | | |
| Aluminum, Total | mg/l | | | | | | | |
| Antimony, Total | mg/l | 0.006 | | | | | | |
| Arsenic, Total | mg/l | 0.05 | | | | | | |
| Barium, Total | mg/l | 2 | | | | | | |
| Beryllium, Total | mg/l | 0.004 | | | | | | |
| Boron | mg/l | 2 | | | | | | |
| Cadmium, Total | mg/l | 0.005 | | | | | | |
| Calcium, Total | mg/l | | | | | | | |
| Chromium, Total | mg/l | 0.1 | | | | | | |
| Cobalt, Total | mg/l | 1 | | | | | | |
| Copper, Total | mg/l | 0.65 | | | | | | |
| Iron, Total | mg/l | | 22.800 | | | | | |
| Lead, Total | mg/l | 0.0075 | 0.005 U | 0.0067 | 0.02 | 0.027 | 0.03 | 0.0026 |
| Magnesium, Total | mg/l | | | | | | | |
| Manganese, Total | mg/l | 0.15 | | | | | | |
| Mercury, Total | mg/l | 0.002 | | | | | | |
| Nickel, Total | mg/l | 0.1 | | | | | | |
| Potassium, Total | mg/l | | | | | | | |
| Selenium, Total | mg/l | 0.05 | | | | | | |
| Silver, Total | mg/l | 0.05 | | | | | | |
| Sodium, Total | mg/l | | | | | | | |
| Strontium | mg/l | | | | | | | |
| Thallium, Total | mg/l | 0.002 | | | | | | |
| Vanadium, Total | mg/l | 0.049 | | | | | | |
| Zinc, Total | mg/l | 5 | | | | | | |

**Table 14**
**Groundwater Analytical Data - Monitoring and Residential Wells - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW09-110613 | WGW-RW05-040814 | WGW-RW08-110613 | WGW-RW04-040814 | WGW-RW04-110413 | WGW-RW07-040814 |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | Residence | Residence | Residence | Residence | Residence | Residence |
| Sample Date | | | 11/6/2013 | 4/8/2014 | 11/6/2013 | 4/8/2014 | 11/4/2013 | 4/8/2014 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **Metals-Total** | | | | | | | | |
| Aluminum, Total | mg/l | | 0.010 U | 0.010 U | 0.0059 J | 0.010 U | 0.010 U | 0.010 U |
| Antimony, Total | mg/l | 0.006 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U |
| Arsenic, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.00082 J | 0.001 U |
| Barium, Total | mg/l | 2 | 7.6E-02 | 8.000E-02 * | 0.075 | 0.00034 J* | 7.3E-02 | 7.700E-02 * |
| Beryllium, Total | mg/l | 0.004 | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U |
| Boron | mg/l | 2 | | | | | | |
| Cadmium, Total | mg/l | 0.005 | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U |
| Calcium, Total | mg/l | | 80.000 | 82.000 | 80.000 | 0.510 | 76.000 | 78.000 |
| Chromium, Total | mg/l | 0.1 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Cobalt, Total | mg/l | 1 | 0.00063 | 0.00014 J | 0.0012 | 0.0004 U | 0.00025 J | 0.00015 J |
| Copper, Total | mg/l | 0.65 | 0.0085 | 0.0051 | 0.0011 | 0.019 | 0.011 | 0.010 |
| Iron, Total | mg/l | | 1.500 | 5.800 | 2.200 | 0.033 J | 1.800 | 1.300 |
| Lead, Total | mg/l | 0.0075 | 0.011 | 0.0053 | 0.0032 | 0.0014 | 0.0011 | 0.0017 |
| Magnesium, Total | mg/l | | 33.000 | 33.000 | 33.000 | 0.240 | 32.000 | 32.000 |
| Manganese, Total | mg/l | 0.15 | 0.032 | 8.0E-02 | 0.044 | 0.0025 U | 0.037 | 0.022 |
| Mercury, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Nickel, Total | mg/l | 0.1 | 0.002 | 0.00061 J | 0.0038 | 0.001 U | 0.0033 | 0.0036 |
| Potassium, Total | mg/l | | 3.500 | 3.900 | 3.400 | 2.000 | 3.200 | 3.400 |
| Selenium, Total | mg/l | 0.05 | 0.002 U | 0.002 U | 0.002 U | 0.00077 J | 0.002 U | 0.002 U |
| Silver, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U |
| Sodium, Total | mg/l | | 9.700 | 9.200 | 9.400 | 180.000 | 9.100 | 8.900 |
| Strontium | mg/l | | | | | | | |
| Thallium, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Vanadium, Total | mg/l | 0.049 | 0.001 U | 0.001 U | 0.00035 J | 0.001 U | 0.001 U | 0.0027 |
| Zinc, Total | mg/l | 5 | 0.018 J | 0.015 J | 7.900E-03 J | 0.025 | 0.011 J | 9.800E-03 J |

**Table 14**
**Groundwater Analytical Data - Monitoring and Residential Wells - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW01-110413 | WGW-RW09-040914 | WGC-RW02-121411 | WGC-RW02-121411-DP | WGW-RW03-040814 | WGW-RW03-110413 |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | Residence | Residence | Residence | Residence | Residence | Residence |
| Sample Date | | | 11/4/2013 | 4/9/2014 | 12/14/2011 | 12/14/2011 | 4/8/2014 | 11/4/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **Metals-Total** | | | | | | | | |
| Aluminum, Total | mg/l | | 0.010 U | 0.011 | 0.010 U | 0.010 U | 0.010 U | 0.010 U |
| Antimony, Total | mg/l | 0.006 | 0.001 U | 0.001 U | 0.001 U* | 0.001 U* | 0.001 U | 0.001 U |
| Arsenic, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.029 | 0.028 | 0.00078 J | 0.001 U |
| Barium, Total | mg/l | 2 | 0.087 | 0.087 * | 0.150 | 0.140 | 8.000E-02 * | 0.081 |
| Beryllium, Total | mg/l | 0.004 | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U |
| Boron | mg/l | 2 | | | | | | |
| Cadmium, Total | mg/l | 0.005 | 0.0001 U | 0.0001 U | 0.00016 | 0.00015 | 0.0001 U | 0.0001 U |
| Calcium, Total | mg/l | | 78.000 | 77.000 | 120.000 | 120.000 | 78.000 | 82.000 |
| Chromium, Total | mg/l | 0.1 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Cobalt, Total | mg/l | 1 | 0.00057 | 0.00033 J | 0.00039 J | 0.00038 J | 0.00012 J | 0.00047 |
| Copper, Total | mg/l | 0.65 | 0.004 | 0.066 | 0.011 | 0.012 | 0.039 | 0.016 |
| Iron, Total | mg/l | | 0.340 | 0.620 | 22.000 | 21.000 | 9.300 | 1.800 |
| Lead, Total | mg/l | 0.0075 | 9.9E-04 | 0.12 | 0.00016 JB | 0.00016 JB | 0.0065 | 0.0036 |
| Magnesium, Total | mg/l | | 34.000 | 32.000 | 55.000 | 52.000 | 31.000 | 34.000 |
| Manganese, Total | mg/l | 0.15 | 0.013 | 0.013 | 0.150 | 0.150 | 0.100 | 0.040 |
| Mercury, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Nickel, Total | mg/l | 0.1 | 0.0018 | 0.002 | 0.0036 | 0.0035 | 8.500E-04 J | 0.0016 |
| Potassium, Total | mg/l | | 3.200 | 3.300 | 5.300 | 5.100 | 3.400 | 3.300 |
| Selenium, Total | mg/l | 0.05 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Silver, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U |
| Sodium, Total | mg/l | | 9.200 | 9.100 | 110.000 | 100.000 | 8.000 | 9.800 |
| Strontium | mg/l | | | | | | | |
| Thallium, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Vanadium, Total | mg/l | 0.049 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.00035 J |
| Zinc, Total | mg/l | 5 | 0.018 J | 0.098 | 0.0035 J | 0.0045 J | 0.017 J | 0.013 J |

# Table 14
## Groundwater Analytical Data - Monitoring and Residential Wells - Metals
## Wedron, Lasalle County, Illinois

| FieldSampleID | Units | GW RO | WGC-RW01-013012 | WGC-RW01-013012D | WGW-RW02-110413 | WGW-RW02-040814 | WGW-RW02-040814D | WGW-RW05-110413 |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | Residence | Residence | Residence | Residence | Residence | Residence |
| Sample Date | | | 1/30/2012 | 1/30/2012 | 11/4/2013 | 4/8/2014 | 4/8/2014 | 11/4/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **Metals-Total** | | | | | | | | |
| Aluminum, Total | mg/l | | 0.010 U | 6.800E-03 J | 0.010 U | 0.010 U | 0.010 U | 0.010 U |
| Antimony, Total | mg/l | 0.006 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U |
| Arsenic, Total | mg/l | 0.05 | 0.012 | 0.015 | 9.8E-03 | 0.0008 J | 0.0011 | 0.001 U |
| Barium, Total | mg/l | 2 | 8.0E-02 | 0.082 | 8.0E-02 | 7.700E-02 * | 7.700E-02 * | 7.6E-02 |
| Beryllium, Total | mg/l | 0.004 | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U |
| Boron | mg/l | 2 | | | | | | |
| Cadmium, Total | mg/l | 0.005 | 0.00047 | 0.00048 | 0.000077 J | 0.0001 U | 0.0001 U | 0.0001 U |
| Calcium, Total | mg/l | | 110.000 | 110.000 | 80.000 | 77.000 | 77.000 | 79.000 |
| Chromium, Total | mg/l | 0.1 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Cobalt, Total | mg/l | 1 | 0.00061 | 0.00065 | 0.0014 | 0.00026 J | 0.00027 J | 0.004 |
| Copper, Total | mg/l | 0.65 | 0.0025 | 0.0028 | 0.012 | 0.0062 | 0.020 | 0.0021 |
| Iron, Total | mg/l | | 2.200 | 2.800 | 7.100 | 10.000 | 11.000 | 11.000 |
| Lead, Total | mg/l | 0.0075 | 0.00033 J | 0.00052 J | 0.004 | 0.013 | 0.055 | 0.0039 |
| Magnesium, Total | mg/l | | 48.000 | 48.000 | 34.000 | 31.000 | 31.000 | 34.000 |
| Manganese, Total | mg/l | 0.15 | 0.018 | 0.018 | 7.7E-02 | 0.120 | 0.120 | 0.21 |
| Mercury, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Nickel, Total | mg/l | 0.1 | 0.0038 | 0.0038 | 0.0013 | 0.00089 J | 9.100E-04 J | 0.0017 |
| Potassium, Total | mg/l | | 4.600 | 4.600 | 3.300 | 3.400 | 3.300 | 4.900 |
| Selenium, Total | mg/l | 0.05 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Silver, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U |
| Sodium, Total | mg/l | | 66.000 B | 67.000 B | 9.400 | 8.600 | 8.500 | 10.000 |
| Strontium | mg/l | | | | | | | |
| Thallium, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Vanadium, Total | mg/l | 0.049 | 0.001 U | 0.001 U | 0.00033 J | 0.001 U | 0.001 U | 0.001 U |
| Zinc, Total | mg/l | 5 | 0.049 | 0.052 | 0.038 | 0.012 J | 0.023 | 0.0085 J |

**Table 14**
**Groundwater Analytical Data - Monitoring and Residential Wells - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-RW06-040814 | WGC-RW01-121411 | WGW-RW07-110613 | WGW-RW01-040814 | WGC-RW02-013012 | WGW-Fractank-101613 |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | Residence | Residence | Residence | Residence | Residence | WGW-Fractank |
| Sample Date | | | 4/8/2014 | 12/14/2011 | 11/6/2013 | 4/8/2014 | 1/30/2012 | 10/16/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **Metals-Total** | | | | | | | | |
| Aluminum, Total | mg/l | | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 0.010 U | 2.4 |
| Antimony, Total | mg/l | 0.006 | 0.001 U | 0.001 U* | 0.001 U | 0.001 U | 0.001 U | 0.006 U |
| Arsenic, Total | mg/l | 0.05 | 0.00077 J | 0.015 | 0.001 U | 0.00051 J | 0.014 | 0.004 U |
| Barium, Total | mg/l | 2 | 7.600E-02 * | 0.046 | 0.081 | 0.078 * | 0.041 | 0.57 |
| Beryllium, Total | mg/l | 0.004 | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.0004 U | 0.002 U |
| Boron | mg/l | 2 | | | | | | |
| Cadmium, Total | mg/l | 0.005 | 0.000076 J | 0.0003 | 0.0001 U | 0.0001 U | 0.0004 | 0.002 U |
| Calcium, Total | mg/l | | 77.000 | 100.000 | 80.000 | 78.000 | 100.000 | 1200 |
| Chromium, Total | mg/l | 0.1 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.39 |
| Cobalt, Total | mg/l | 1 | 0.00028 J | 0.00018 J | 0.00045 | 0.00013 J | 0.00016 J | 0.004 U |
| Copper, Total | mg/l | 0.65 | 0.110 | 0.0017 | 0.00093 J | 0.025 | 0.0034 | 0.04 |
| Iron, Total | mg/l | | 10.000 | 9.000 | 6.900 | 18.000 | 1.200 | 12 |
| Lead, Total | mg/l | 0.0075 | 0.16 | 0.00086 B | 9.7E-04 | 0.013 | 0.000071 J | 0.0071 |
| Magnesium, Total | mg/l | | 34.000 | 43.000 | 33.000 | 32.000 | 45.000 | 2.4 |
| Manganese, Total | mg/l | 0.15 | 0.110 | 6.5E-02 | 0.150 | 0.2 | 0.0041 | 0.034 |
| Mercury, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Nickel, Total | mg/l | 0.1 | 0.0014 | 0.0013 | 0.0018 | 0.0017 | 0.0022 | 0.026 |
| Potassium, Total | mg/l | | 3.600 | 1.900 | 5.000 | 3.800 | 1.000 | 550 |
| Selenium, Total | mg/l | 0.05 | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.022 |
| Silver, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.004 U |
| Sodium, Total | mg/l | | 9.300 | 15.000 | 11.000 | 8.500 | 15.000 B | 360 |
| Strontium | mg/l | | | | | | | |
| Thallium, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.002 U |
| Vanadium, Total | mg/l | 0.049 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.004 U |
| Zinc, Total | mg/l | 5 | 0.140 | 0.096 | 0.0064 J | 0.030 | 0.040 | 0.02 U |

**Table 14**
**Groundwater Analytical Data - Monitoring and Residential Wells - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-GW01-052913 | WGW-GW02-053013 | WGW-MW1-053113 | WGW-MW2-053113D | WGW-MW2-053113 | WGW-MW3-053013 |
|---|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-GW01 | WGW-GW02 | WGW-MW1 | WGW-MW2 | WGW-MW2 | WGW-MW3 |
| Sample Date | | | 5/29/2013 | 5/30/2013 | 5/31/2013 | 5/31/2013 | 5/31/2013 | 5/30/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA | USEPA |
| **Metals-Total** | | | | | | | | |
| Aluminum, Total | mg/l | | 0.100 U | 0.100 U | 5.400 | 0.0067 J | 0.0069 J | 0.008 J |
| Antimony, Total | mg/l | 0.006 | 0.005 U | 0.005 U | 8.800E-04 J | 0.001 U | 0.001 U | 0.001 U |
| Arsenic, Total | mg/l | 0.05 | 0.0025 U | 0.0025 U | 7.3E-03 | 0.001 U | 0.001 U | 0.001 U |
| Barium, Total | mg/l | 2 | 0.040 | 0.082 | 0.430 | 0.110 | 0.100 | 0.150 |
| Beryllium, Total | mg/l | 0.004 | 0.0005 U | 0.0005 U | 0.0014 | 0.0004 U | 0.0004 U | 0.0004 U |
| Boron | mg/l | 2 | | | | | | |
| Cadmium, Total | mg/l | 0.005 | 0.0005 U | 0.0005 U | 9.4E-04 | 0.00022 | 0.00023 | 0.0001 U |
| Calcium, Total | mg/l | | 87.000 | 72.000 | 140.000 | 200.000 | 210.000 | 140.000 |
| Chromium, Total | mg/l | 0.1 | 0.005 U | 0.005 U | 0.29 | 0.0016 J | 0.0015 J | 0.002 U |
| Cobalt, Total | mg/l | 1 | 0.0014 | 0.00013 J | 0.033 | 0.0017 J | 0.0016 | 0.0019 |
| Copper, Total | mg/l | 0.65 | 0.005 U | 0.005 U | 0.027 | 0.0045 | 0.0044 | 0.0013 |
| Iron, Total | mg/l | | 0.058 J | 0.100 | 56.000 | 1.100 | 0.960 | 1.100 |
| Lead, Total | mg/l | 0.0075 | 0.0015 U | 0.0015 U | 0.018 | 0.000096 J | 0.0001 J | 0.0006 U |
| Magnesium, Total | mg/l | | 34.000 | 31.000 | 49.000 | 91.000 | 98.000 | 52.000 |
| Manganese, Total | mg/l | 0.15 | 0.041 | 8.8E-03 | 3 | 0.042 | 0.043 | 0.23 |
| Mercury, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Nickel, Total | mg/l | 0.1 | 0.012 | 0.005 U | 0.071 | 0.0071 J | 0.0058 | 0.0066 |
| Potassium, Total | mg/l | | 2.800 | 3.400 | 5.400 | 9.400 | 9.600 | 9.900 |
| Selenium, Total | mg/l | 0.05 | 0.0014 J | 0.0025 U | 0.0011 J | 0.0097 | 0.0084 | 0.0034 |
| Silver, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U* | 0.001 U* |
| Sodium, Total | mg/l | | 19.000 | 7.800 | 1000.000 | 44.000 | 45.000 | 16.000 |
| Strontium | mg/l | | | | | | | |
| Thallium, Total | mg/l | 0.002 | 0.001 U | 0.001 U | 0.00017 J | 0.0002 U | 0.0002 U | 0.0002 U |
| Vanadium, Total | mg/l | 0.049 | 0.010 U | 0.010 U | 0.014 | 0.00069 J | 0.001 U | 8.800E-04 J |
| Zinc, Total | mg/l | 5 | 0.020 U | 0.020 U | 0.075 | 0.011 J | 0.0099 J | 0.0034 J |

**Table 14**
**Groundwater Analytical Data - Monitoring and Residential Wells - Metals**
**Wedron, Lasalle County, Illinois**

| FieldSampleID | Units | GW RO | WGW-MW4-053013 | WGW-MW5-053013 | WGW-MW6-053013 | WGW-MW8-053113 | WGW-SW03-052913 |
|---|---|---|---|---|---|---|---|
| Station Name | | | WGW-MW4 | WGW-MW5 | WGW-MW6 | WGW-MW8 | WGW-SW03 |
| Sample Date | | | 5/30/2013 | 5/30/2013 | 5/30/2013 | 5/31/2013 | 5/29/2013 |
| Collected By | | | USEPA | USEPA | USEPA | USEPA | USEPA |
| **Metals-Total** | | | | | | | |
| Aluminum, Total | mg/l | | 0.210 | 0.100 U | 0.0069 J | 0.0047 J | 0.100 U |
| Antimony, Total | mg/l | 0.006 | 0.005 U | 0.005 U | 0.001 U | 0.001 U | 0.005 U |
| Arsenic, Total | mg/l | 0.05 | 7.9E-03 | 0.0025 U | 0.001 U | 0.001 U | 0.012 |
| Barium, Total | mg/l | 2 | 0.150 | 0.130 | 0.140 | 0.078 | 0.100 |
| Beryllium, Total | mg/l | 0.004 | 0.0005 U | 0.0005 U | 0.0004 U | 0.0004 U | 0.0005 U |
| Boron | mg/l | 2 | | | | | |
| Cadmium, Total | mg/l | 0.005 | 0.0005 U | 0.00057 | 6.800E-05 J | 0.0001 U | 0.0005 U |
| Calcium, Total | mg/l | | 140.000 | 160.000 | 130.000 | 100.000 | 73.000 |
| Chromium, Total | mg/l | 0.1 | 0.006 | 0.005 U | 0.002 U | 0.002 U | 0.005 U |
| Cobalt, Total | mg/l | 1 | 0.0011 | 0.0041 | 0.0017 | 0.001 | 0.0032 |
| Copper, Total | mg/l | 0.65 | 0.0025 J | 0.0027 J | 0.0025 | 0.00061 J | 0.052 |
| Iron, Total | mg/l | | 17.000 | 2.600 | 0.440 | 0.460 | 10.000 |
| Lead, Total | mg/l | 0.0075 | 0.0015 U | 0.0015 U | 0.0006 U | 0.0006 U | 0.02 |
| Magnesium, Total | mg/l | | 55.000 | 66.000 | 60.000 | 46.000 | 30.000 |
| Manganese, Total | mg/l | 0.15 | 0.3 | 0.27 | 0.150 | 0.089 | 0.015 |
| Mercury, Total | mg/l | 0.002 | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Nickel, Total | mg/l | 0.1 | 0.0056 | 0.012 | 0.012 | 7.3E-03 | 0.016 |
| Potassium, Total | mg/l | | 3.300 | 2.200 | 2.400 | 0.740 | 3.300 |
| Selenium, Total | mg/l | 0.05 | 0.0025 U | 0.0029 | 0.002 U | 0.002 U | 0.0025 U |
| Silver, Total | mg/l | 0.05 | 0.001 U | 0.001 U | 0.001 U* | 0.001 U | 0.001 U |
| Sodium, Total | mg/l | | 57.000 | 75.000 | 220.000 | 33.000 | 7.600 |
| Strontium | mg/l | | | | | | |
| Thallium, Total | mg/l | 0.002 | 0.001 U | 0.001 U | 0.0002 U | 0.0002 U | 0.001 U |
| Vanadium, Total | mg/l | 0.049 | 0.010 U | 0.010 U | 0.0013 | 0.00034 J | 0.010 U |
| Zinc, Total | mg/l | 5 | 0.020 U | 0.020 U | 0.020 U | 0.020 U | 0.240 |

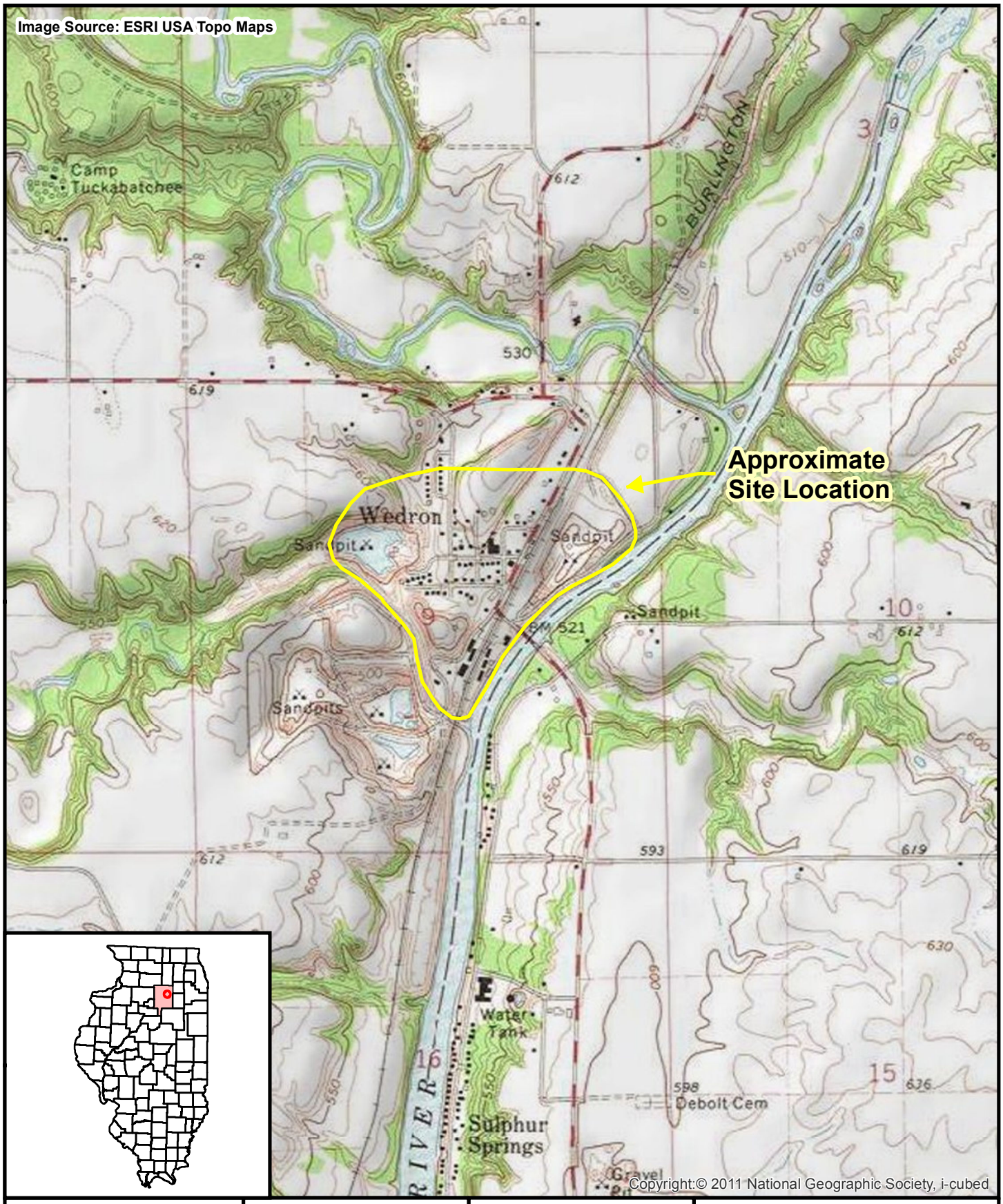
**Table 15**

**Hydraulic Conductivity Testing Results**
**Illinois Environmental Protection Agency**
**Wedron, LaSalle County, Illinois**

| Well ID | Falling Head Test (cm/s) | | Rising Head Test (cm/s) |
|---|---|---|---|
| | PVC Slug | Water Slug | |
| IMW-103 | 3.0E-04 | 2.7E-04 | 4.3E-04 |
| IMW-104 | 7.7E-04 | 2.4E-04 | 2.3E-04 |

Average Hydraulic Conductivity: **3.7E-04 cm/sec**

# FIGURES




**Legend**

0 2,000 Feet

N

Prepared For:
**ILLINOIS EPA**

Contract No.: HWA-8317
Work Order No.: 013

Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle
Suite 202
Mundelein, IL 60060

**Figure 1**
Site Location Map
Wedron, LaSalle County, Illinois

FILE: D:\Wedron_IEPA\mxd\2014\F01_Site_Location.mxd 10/28/2014 1:17:33 PM wojdakon


**Legend**

- IL Railway Piping
- Former IL Railway UST Locations
- Hoxsey Property Former UST Locations
- CEC Test Pits

0 150 Feet

N

Prepared For:
**ILLINOIS EPA**

Contract No.: HWA-8317
Work Order No.: 013

Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle
Suite 202
Mundelein, IL 60060

**Figure 2**
Site Features Map
Wedron, LaSalle County, Illinois

FILE: D:\Wedron_IEPA\mxd\2014\F02_Site_Features.mxd 10/28/2014 1:40:26 PM wojdakon

Image Source: ESRI Imagery

Pit 3

Wedron Silica Tech Center

Pit 2 Reclamation Area

Wedron Silica 4,000-Gallon UST Area

Wedron Silica - Former Scale House Area

Wedron Silica - Current Screen House & Former 6,000-Gallon UST Area

WGS-SS-SB4, BP-SB-5, BP-SB-6, BP-SB-4, WGS-SS-SB6, BP-SB-3, BP-SB-7, WGS-SS-SB2, BP-SB-8, BP-SB-1, BP-SB-2, BP-SB-9, IR-GP-10, WGW-S02, WGW-WS01, IR-GP-14, WGW-S03, IR-GP-09, IR-GP-08, WS-GP-02, WGW-S04, WGW-S05, WS-GP-01, WGS-GP05, IR-GP-06, IR-GP-13, GP-111, IR-GP-11, IR-WS-4, GP-108, WGW-S01, IR-WS-10, IR-WS-2, IMW-103, WGS-GP17, IR-GP-07, WGS-GP18, GP-101, WGS-SS-GP07A, IMW-104, GP-103, WGS-TMW8, IR-WS-8, IR-WS-3, GP-104, IR-WS-5, IR-WS-1, WS-GP-21, GP-105, IR-WS-6, IR-WS-9, GP-107, IR-WS-7, IR-GP-04, GP-106, IR-GP-05, IMW-102, GP-110, IMW-101, WGS-GP16, WGS-GP11, IR-GP-03, GP-109, WS-GP-20, WGS-SS-GP01B, IR-WS-11, IR-GP-01, IR-GP-02, IR-GP-12, IR-GP-15, WS-GP-12, WGS-SS-GP13, WGS-GP10, WS-GP-13, WS-GP-14A, WS-GP-14, WS-GP-19, WS-GP-16, WGS-SS-GP14, WS-GP-04, WS-GP-18, WGS-TMW6, WS-GP-15, WS-GP-03, WGS-SS-GP6, WS-GP-06, WS-GP-17, WS-GP-05, WS-GP-10, WS-GP-11, WS-GP-09, WS-GP-08, WS-GP-07

**Legend**

**Soil Sampling Locations**

- BP
- USEPA
- IEPA
- ILRW
- WEDRON SILICA

0 200 Ft

N

Prepared for:
**Illinois EPA**
Contract No.: HWA-8317
Work Order No. 013

Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle; Suite 202
Mundelein, Illinois 60060

**Figure 3**
Soil Sampling Locations
Wedron, Lasalle County, Illinois

FILE: D:\Wedron_IEPA\mxd\2014\F03_Soil_Location.mxd 1:17:25 PM 3/3/2015 wojdakon

Image Source: ESRI Imagery

3483 E 2153 Rd
3481 E 2153 Rd
3477 E 2153 Rd
3474 E 2056 Rd
WGW-GW02
WGW-GW01
3475 E 2153 Rd
WGW-MW5
WGS-GP19
WGW-MW8
3472 E 2056 RD
3471 E 2062 Rd
3470 E 2062 Rd
3471 E 2153 Rd
2065 N 3468 Rd
3471 E 2056 Rd
3469 E 2062 Rd
2073 N 3468 Rd
3470 E 2056 Rd
WGW-MW7
WGW-MW6
3469 E 2056 Rd
2071 N 3478 Rd
3466 E 2056 Rd
3466 E 2062 Rd
WGW-MW4
3467 E 2062 Rd
WGW-MW1
3467 E 2056 Rd
IR-MW-13
2059 N 3462 RD
2067 N 3462 Rd
WGW-IMW103
GP-103
IMW-103
GP-111
WGW-EPA2
IR-MW-14
WGW-EPA1
WGW-SW01
IMW-104
WGW-WL01
WGW-SW03
2066 N 3462 Rd
2060 N 3462 Rd
3463 E 2067 Rd
GP-110
WGW-SW02
WS-GP-21
GP-112
GP-108
2058 N 3462 Rd
WGS-TMW9
IMW-101
IMW-101
2062 N 3462 Rd
2068 N 3462 Rd
GP-109
3143 E 2067 Rd
IMW-102
WGW-MW2
Hoxley Prop
WS-GP-20
4065 N 3458 Rd
3462 RD & 3458 RD
2063 N 3458 RD
IR-MW-12
IR-MW-15
WGW-MW3
WGW-MW10
WGW-MW13
WS-GP-19
WGW-MW12
3451 E 2153 Rd

FILE: D:\Wedron_IEPA\mxd\2014\F04_Water_Location.mxd 3:25:41 PM 10/28/2014 wojdakon

**Legend**

**Water Sampling Locations**
- IEPA
- ILRW
- USEPA
- WEDRON SILICA

0 200 Ft

N

Prepared for:
**Illinois EPA**
Contract No.: HWA-8317
Work Order No. 013

Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle; Suite 202
Mundelein, Illinois 60060

**Figure 4**
Water Sampling Locations
Wedron, Lasalle County, Illinois

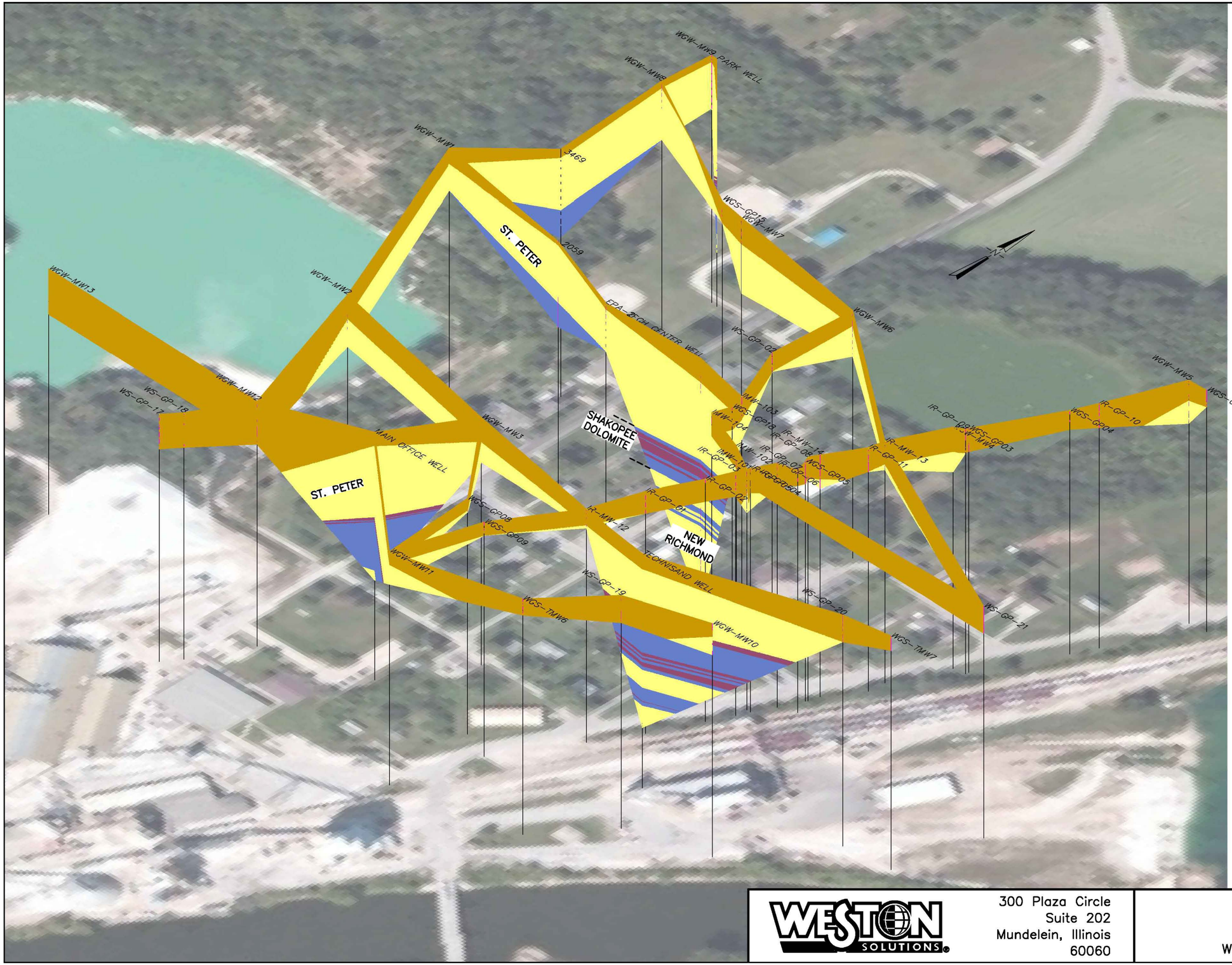



FIGURE 5

WESTON SOLUTIONS

300 Plaza Circle
Suite 202
Mundelein, Illinois
60060

**FENCE DIAGRAM**

**VIEW TO NORTHWEST**

Wedron, LaSalle County, Illinois

J:\CAD93\000\08714-2xV2.dwg, 10/30/2014 9:54:41 AM

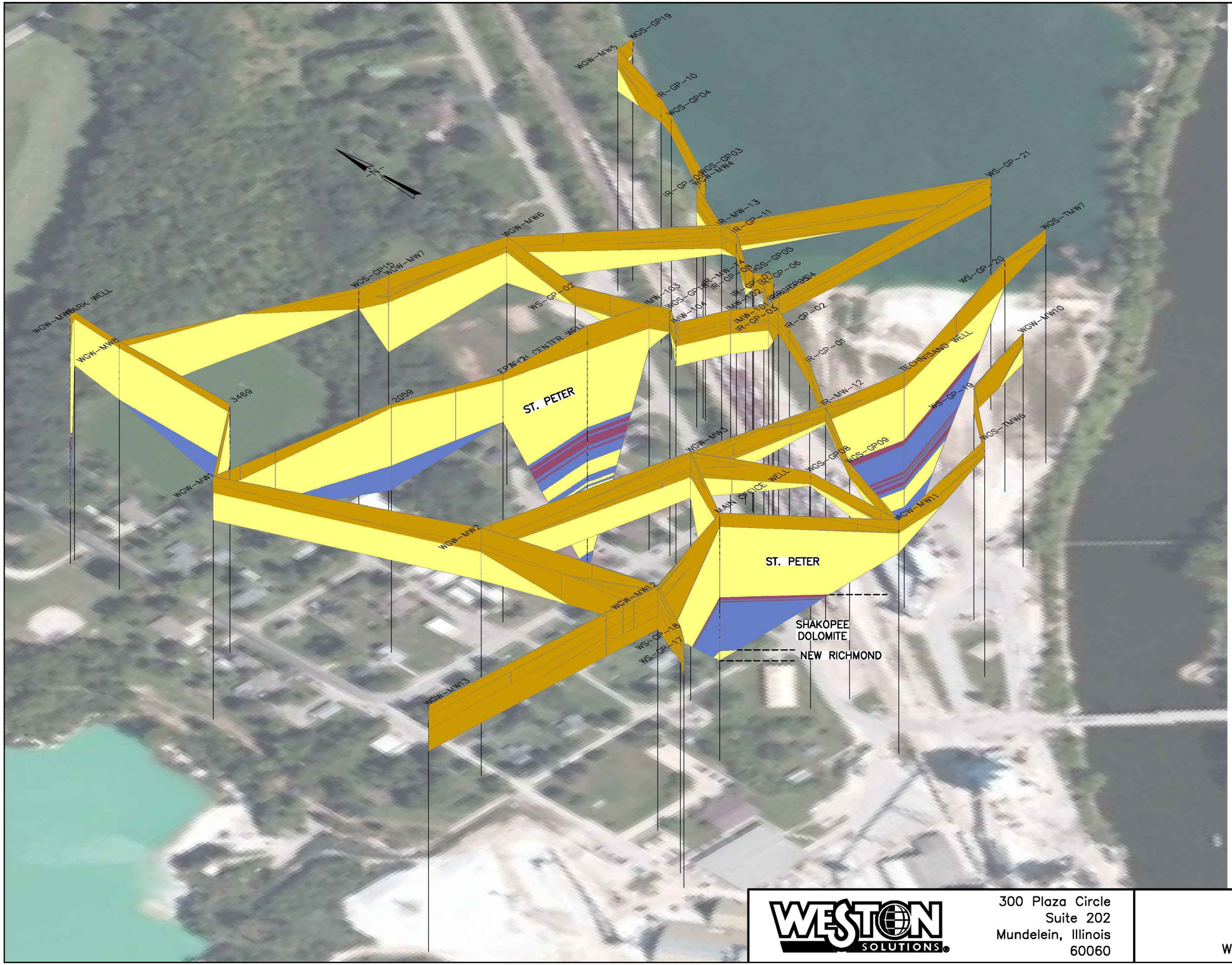



FIGURE 6

WESTON SOLUTIONS

300 Plaza Circle
Suite 202
Mundelein, Illinois
60060

**FENCE DIAGRAM**

**VIEW TO NORTHEAST**

Wedron, LaSalle County, Illinois

J:\CAD93\000\06714-2xv2.dwg, 10/30/2014 9:54:30 AM

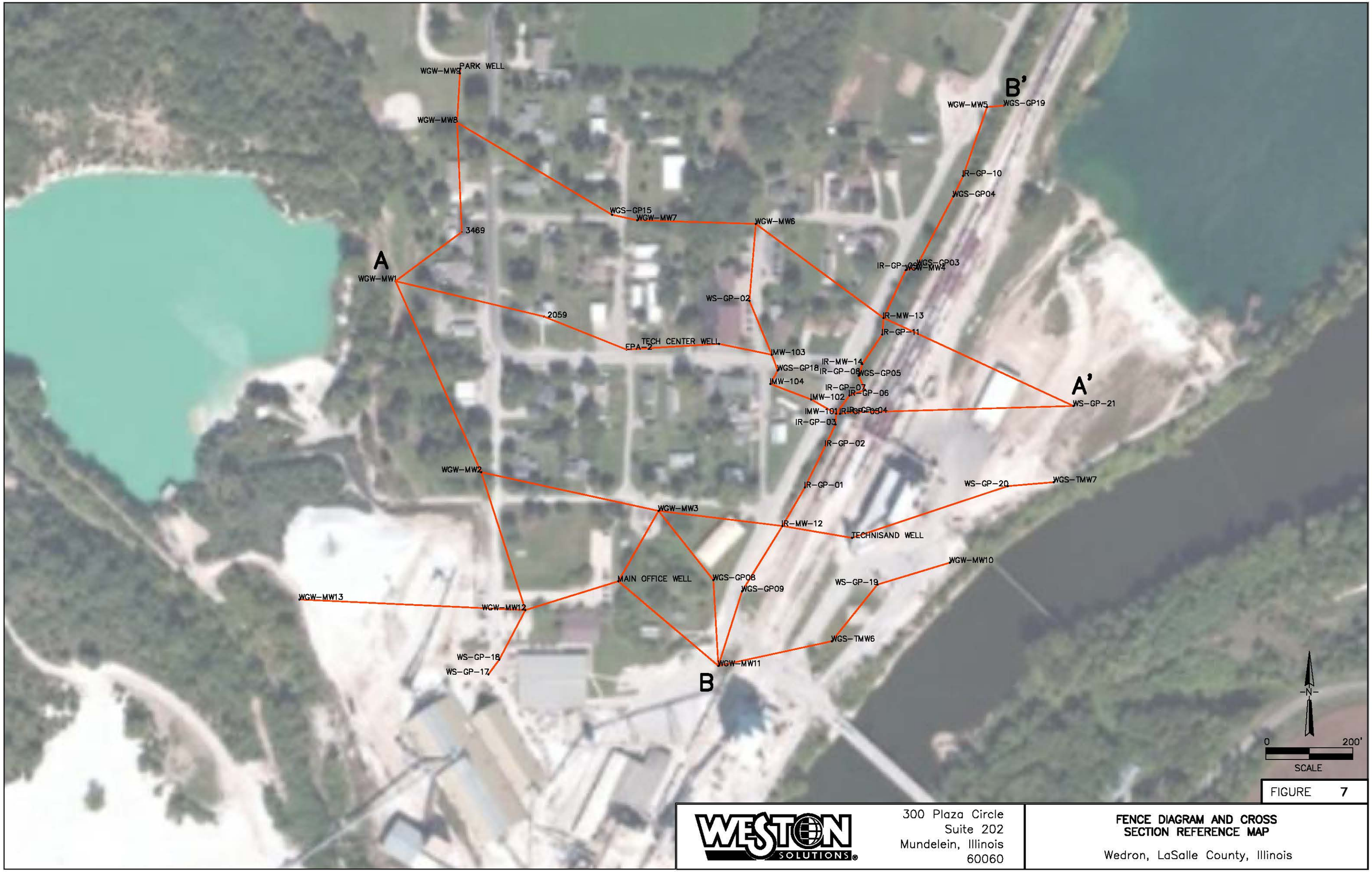



FIGURE 7

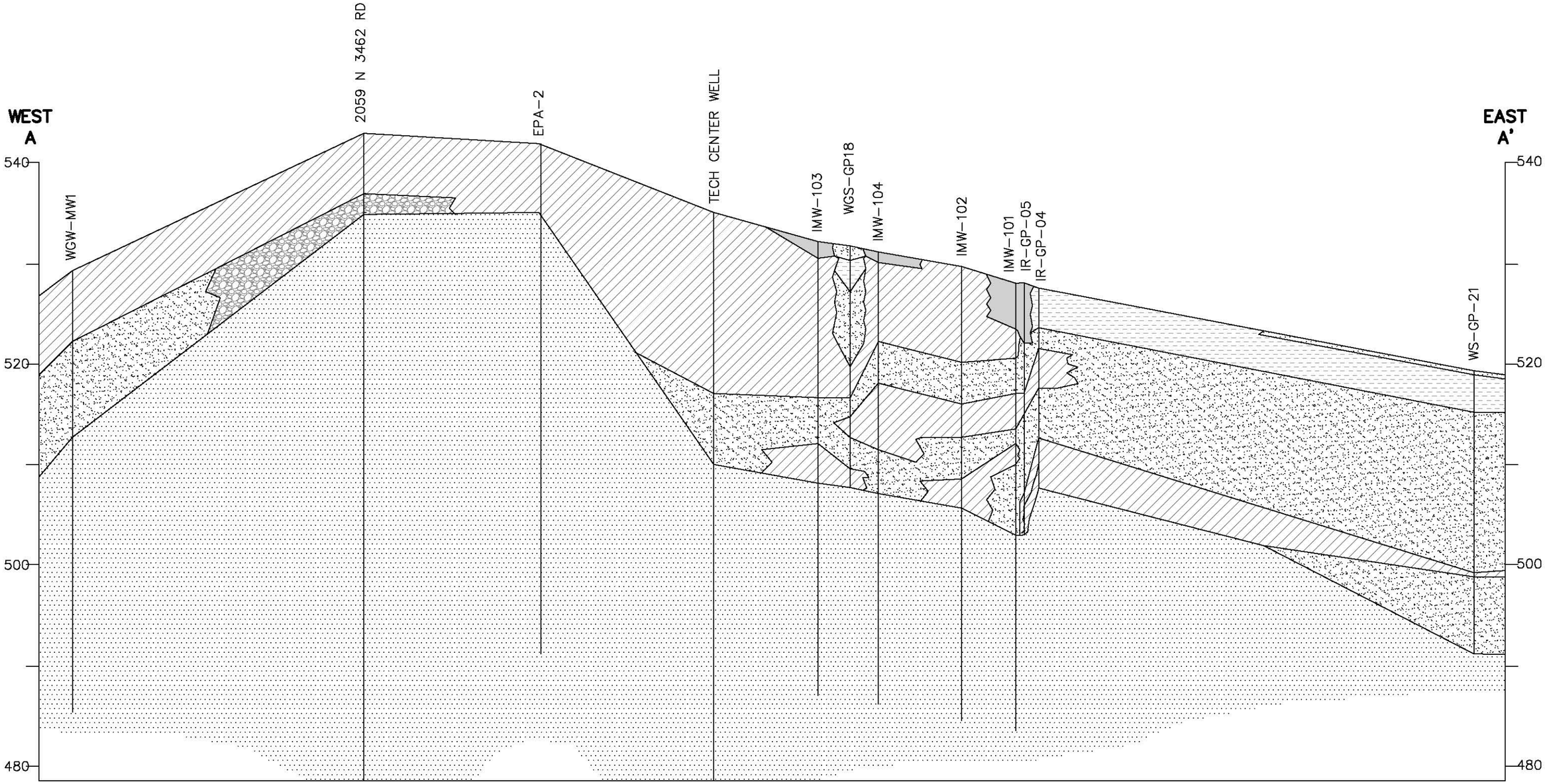
WESTON SOLUTIONS®

300 Plaza Circle
Suite 202
Mundelein, Illinois
60060

**FENCE DIAGRAM AND CROSS SECTION REFERENCE MAP**

Wedron, LaSalle County, Illinois

J:\CAD93\000\08714-2xV2.dwg, 10/28/2014 3:45:44 PM




**LEGEND**

- FILL
- SAND
- CLAY
- SILT
- SAND AND GRAVEL
- ST. PETER SANDSTONE

VERTICAL 10'
HORIZONTAL 0' 120'

FIGURE **8**

**CROSS SECTION A–A'**

Wedron, LaSalle County, Illinois

WESTON SOLUTIONS®
300 Plaza Circle
Suite 202
Mundelein, Illinois
60060

SOUTHWEST
B

NORTHEAST
B'

FT AMSL

540
530
520
510
500
490
480
470

WGW-MW11
WGS-GP09
IR-MW-12
IR-GP-01
IR-GP-02
IR-GP-03
IMW-101
IR-GP-06
IR-GP-07
WGS-GP05
IR-GP-08
IR-MW-14
IR-GP-11
IR-MW-13
WGW-MW4
IR-GP-09
WGS-GP-03
WGS-GP04
IR-GP-10
WGW-MW5
WGS-GP19

**LEGEND**

- FILL
- SAND
- CLAY
- SILT
- GRAVEL
- ST. PETER SANDSTONE

VERTICAL 10'
HORIZONTAL 0' 120'

WESTON SOLUTIONS
300 Plaza Circle
Suite 202
Mundelein, Illinois
60060

FIGURE 9

**CROSS SECTION B–B'**

Wedron, LaSalle County, Illinois

Image Source: ESRI Imagery

**WGS-GP05 07/26/12**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 2.5-2.5 | Benzene | 770 | J | [30] |
| 2.5-2.5 | Ethylbenzene | 30000 | | [13000] |
| 2.5-2.5 | Xylene (Total) | 280000 | | [150000] |

**GP-108 05/22/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 19-20 | Ethylbenzene, Meth | 37000 | [13000] |

**WGS-GP17 07/25/12**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 20-20 | Benzene | 650 | J | [30] |
| 20-20 | Ethylbenzene | 110000 | | [13000] |
| 20-20 | Xylene (Total) | 350000 | | [150000] |

**GP-103 05/21/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 20-21 | Ethylbenzene, Meth | 22000 | [13000] |

**GP-110 05/22/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 1.5-2.5 | Benzene, Meth | 290 | [30] |
| 1.5-2.5 | Ethylbenzene, Meth | 69000 | [13000] |
| 1.5-2.5 | Xylenes, total, Meth | 310000 | [150000] |
| 14-15 | Ethylbenzene, Meth | 39000 | [13000] |
| 19-20 | Ethylbenzene, Meth | 69000 | [13000] |
| 19-20 | Xylenes, total, Meth | 350000 | [150000] |

**IR-WS-11 08/24/12**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 17-17 | Benzene | 230 | [30] |
| 17-17 | Ethylbenzene | 98000 | [13000] |
| 17-17 | Xylene (Total) | 280000 | [150000] |

**WS-GP-16 05/08/14**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 3.3-5 | Benzene | 3500 | | [30] |
| 5-7 | Benzene | 370 | D | [30] |
| 5-7 | Ethylbenzene | 15000 | | [13000] |
| 28.3-30 | Benzene | 420 | | [30] |

**WGS-GP11 07/25/12**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 18-18 | Ethylbenzene | 490000 | [13000] |
| 18-18 | Xylene (Total) | 1500000 | [150000] |

**WS-GP-14A 05/08/14**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 3.3-5 | Benzene | 650 | [30] |
| 5-6.6 | Benzene | 5800 | [30] |
| 5-6.6 | Ethylbenzene | 15000 | [13000] |

**WS-GP-15 05/08/14**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 26.7-28.3 | Benzene | 46 | [30] |

**WS-GP-05 12/03/13**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 2-4 | Benzene | 8200 | | [30] |
| 2-4 | Ethylbenzene | 28000 | JHC | [13000] |
| 2-4 | Toluene | 54000 | JHC | [12000] |
| 2-4 | Xylene (Total) | 165000 | JHC | [150000] |

**WS-GP-04 12/03/13**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 4-6 | Benzene | 3800 | J | [30] |
| 4-6 | Ethylbenzene | 22000 | HC | [13000] |
| 4-6 | Toluene | 43000 | JHC | [12000] |
| 4-6 | Xylene (Total) | 151000 | JHC | [150000] |

**WS-GP-06 12/03/13**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 0-2 | Benzene | 18000 | | [30] |
| 0-2 | Benzene | 13000 | | [30] |
| 0-2 | Ethylbenzene | 80000 | HC | [13000] |
| 0-2 | Ethylbenzene | 61000 | HC | [13000] |
| 0-2 | Toluene | 220000 | JHC | [12000] |
| 0-2 | Toluene | 210000 | JHC | [12000] |
| 0-2 | Xylene (Total) | 440000 | | [150000] |
| 0-2 | Xylene (Total) | 328000 | | [150000] |

**WS-GP-03 04/26/12**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 3-4 | Benzene | 1140 | [30] |
| 3-4 | Benzene | 233 | [30] |
| 3-4 | Ethylbenzene | 428000 | [13000] |
| 4-6 | Benzene | 3400 | [30] |
| 4-6 | Toluene | 17000 | [12000] |

**WS-GP-18 05/08/14**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 13.3-15 | Benzene | 120 | J | [30] |
| 16.7-18.3 | Benzene | 57 | | [30] |
| 28.3-30 | Benzene | 73 | | [30] |

**WS-GP-17 05/09/14**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 3.3-5 | Benzene | 34 | [30] |
| 13.3-15 | Benzene | 120 | [30] |
| 21.7-23 | Benzene | 33 | [30] |
| 26.7-28.3 | Benzene | 310 | [30] |

**WGW-S04 04/29/13**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 3-3 | Benzene | 2800 | J | [30] |
| 3-3 | Ethylbenzene | 47000 | | [13000] |
| 3-3 | Xylene (Total) | 210000 | | [150000] |

**WGW-S02 05/16/13**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 3-3 | Benzene | 330 | J | [30] |
| 7-7 | Benzene | 1000 | J | [30] |

**IR-GP-11 12/20/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 17-19 | Ethylbenzene | 160000 | [13000] |
| 17-19 | Ethylbenzene | 65000 | [13000] |
| 17-19 | Toluene | 39000 | [12000] |
| 17-19 | Xylene (Total) | 940000 | [150000] |
| 17-19 | Xylene (Total) | 310000 | [150000] |

**WGW-S05 04/29/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 5-5 | Ethylbenzene | 42000 | [13000] |
| 5-5 | Xylene (Total) | 240000 | [150000] |

**IR-WS-2 08/23/12**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 11-12 | Ethylbenzene | 75000 | [13000] |
| 11-12 | Xylene (Total) | 230000 | [150000] |

**IR-WS-8 08/24/12**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 19-19 | Benzene | 58 | [30] |

**IR-GP-04 12/20/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 12-14 | Ethylbenzene | 51000 | [13000] |

**IR-GP-03 12/19/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 16-18 | Ethylbenzene | 79000 | [13000] |
| 16-18 | Xylene (Total) | 210000 | [150000] |

**IR-GP-02 12/19/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 16-18 | Ethylbenzene | 440000 | [13000] |
| 16-18 | Xylene (Total) | 1700000 | [150000] |

**IR-GP-01 12/19/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 16-18 | Ethylbenzene | 220000 | [13000] |
| 16-18 | Xylene (Total) | 890000 | [150000] |

**WGS-SS-GP01B 12/19/13**

| Depth | Parameter | Result | [Criteria] |
|---|---|---|---|
| 16-18 | Ethylbenzene | 230000 | [13000] |
| 16-18 | Xylene (Total) | 960000 | [150000] |

**WS-GP-13 12/04/13**

| Depth | Parameter | Result | | [Criteria] |
|---|---|---|---|---|
| 15-15 | Benzene | 98 | J | [30] |

## Legend

- Sampling Locations - At Least One Exceedance
- Sampling Locations - No Exceedances

***Notes***
*Units - ug/kg*
*Critera = TACO Migration to Groundwater*

0 300 Ft

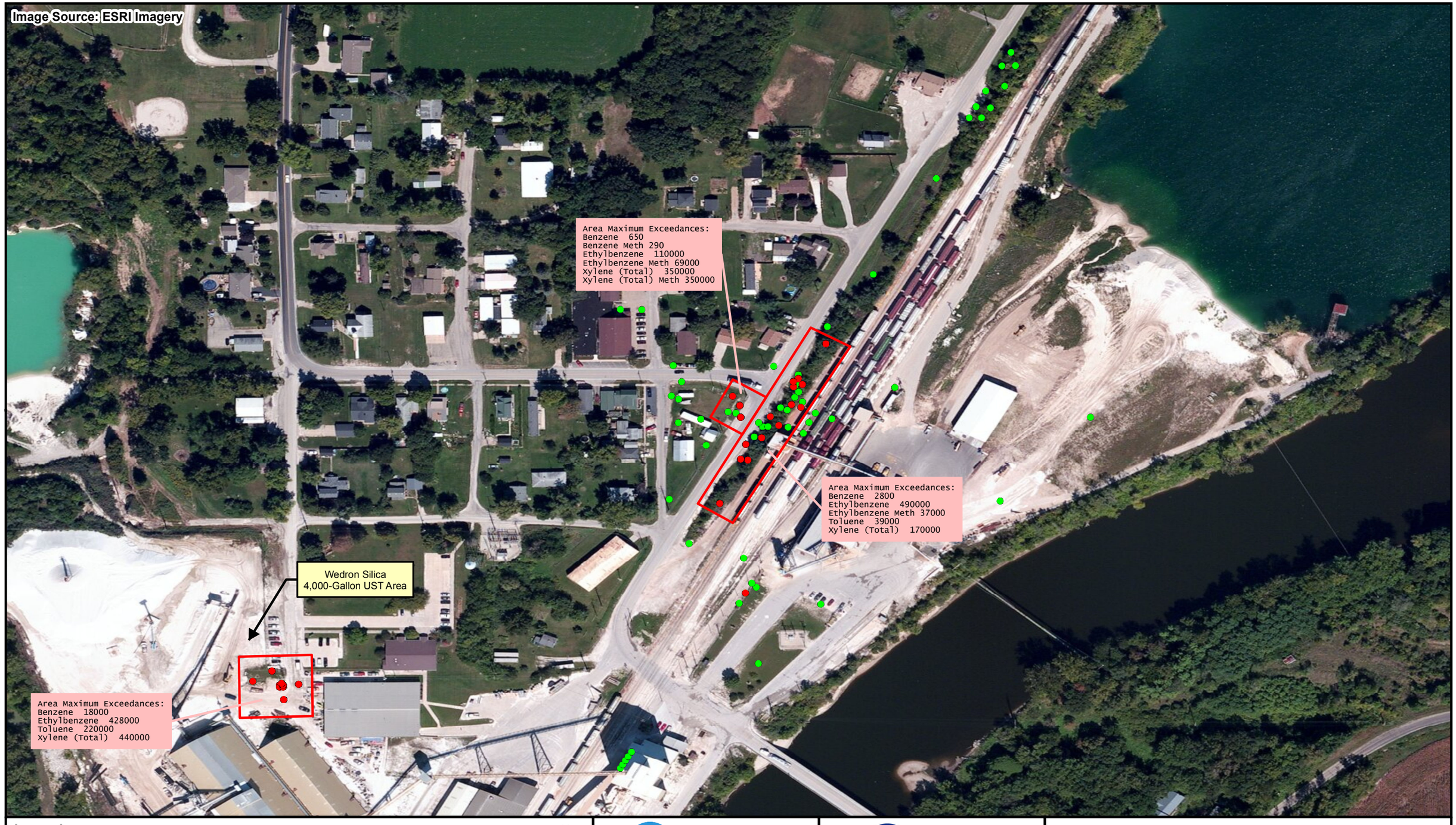
N

Prepared for:
**Illinois EPA**
Contract No.: HWA-8317
Work Order No. 013

Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle; Suite 202
Mundelein, Illinois 60060

**Figure 10**
Soil Exceedance Map
Wedron, Lasalle County, Illinois

FILE: D:\Wedron_IEPA\mxd\2014\F10_Soil_M2GW_Exceeds.mxd 2:24:43 PM 3/3/2015 wojdakon




FILE: D:\Wedron_IEPA\mxd\2014\F11_Soil_M2GW_Exceeds_Max.mxd 1:21:02 PM 3/3/2015 wojdakon

**Legend**

- Sampling Locations - At Least One Exceedance
- Sampling Locations - No Exceedances
- Exceedance Areas

0 200 Ft

N

***Notes***
*Units - ug/kg*
*Critera = TACO Migration to Groundwater*

Prepared for:
**Illinois EPA**
Contract No.: HWA-8317
Work Order No. 013

Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle; Suite 202
Mundelein, Illinois 60060

**Figure 11**
BTEX Soil Exceedance Map - Area Maximums
Wedron, Lasalle County, Illinois

Image Source: ESRI Imagery

**3467 E 2062 Rd**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 01/30/12 | Benzene | 140 | [5] |
| 01/30/12 | Benzene | 180 | [5] |

**3470 E 2056 Rd**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 12/14/11 | Benzene | 9.2 | [5] |

**3466 E 2056 Rd**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 12/14/11 | Benzene | 2200 | [5] |
| 12/14/11 | Benzene | 2200 | [5] |
| 12/14/11 | Ethylbenzene | 1000 | [700] |
| 12/14/11 | Ethylbenzene | 970 | [700] |

**2059 N 3462 RD**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 01/11/13 | Benzene | 100 | [5] |

**WGW-SW01**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 05/28/13 | Benzene | 89 | [5] |

**WGW-IMW103**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 04/09/14 | Benzene | 700 | [5] |
| 04/09/14 | Ethylbenzene | 1000 | [700] |
| 04/09/14 | Toluene | 3600 | [1000] |

**6202**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 04/28/82 | Benzene | 45 | [5] |
| 06/24/82 | Benzene | 70 | [5] |
| 06/24/82 | Benzene | 35 | [5] |
| 06/01/83 | Benzene | 6 | [5] |

**MW-19**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 11/25/14 | Benzene | 8.4 | [5] |
| 11/25/14 | Benzene | 8.6 | [5] |

**IMW-104**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 09/24/13 | Benzene | 45.5 J | [5] |
| 10/02/14 | Benzene | 19.8 | [5] |

**6203**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 04/28/82 | Benzene | 2000 | [5] |
| 04/28/82 | Benzene | 100 | [5] |
| 04/28/82 | Toluene | 4300 | [1000] |
| 06/24/82 | Benzene | 800 | [5] |
| 06/24/82 | Benzene | 400 | [5] |
| 06/01/83 | Benzene | 550 | [5] |
| 11/16/83 | Benzene | 10 | [5] |

**2067 N 3462 Rd**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 01/11/13 | Benzene | 2400 | [5] |
| 01/11/13 | Benzene | 2400 | [5] |
| 01/11/13 | Ethylbenzene | 3100 | [700] |
| 01/11/13 | Ethylbenzene | 3100 | [700] |
| 01/11/13 | Toluene | 10000 | [1000] |
| 01/11/13 | Toluene | 10000 | [1000] |
| 01/11/13 | Xylene (Total) | 11000 | [10000] |
| 01/11/13 | Xylene (Total) | 11000 | [10000] |

**IMW-103**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 09/24/13 | Benzene | 279 | [5] |
| 09/24/13 | Ethylbenzene | 1950 | [700] |
| 09/24/13 | Toluene | 3550 | [1000] |
| 10/02/14 | Benzene | 547 | [5] |
| 10/02/14 | Ethylbenzene | 1370 | [700] |
| 10/02/14 | Toluene | 3890 | [1000] |

**6205**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 06/01/83 | Benzene | 10 | [5] |
| 11/16/83 | Benzene | 6400 | [5] |
| 11/16/83 | Toluene | 5500 | [1000] |

**6208**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 08/11/83 | Benzene | 430 | [5] |
| 08/11/83 | Benzene | 3600 | [5] |
| 08/11/83 | Benzene | 300 | [5] |
| 08/11/83 | Toluene | 9800 | [1000] |
| 08/11/83 | Xylene (Total) | 13000 | [10000] |
| 11/16/83 | Benzene | 960 | [5] |

**IR-MW-15**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 04/09/14 | Benzene | 27 | [5] |
| 04/09/14 | Ethylbenzene | 2100 | [700] |

**2073 N 3468 Rd**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 05/31/12 | Benzene | 2400 | [5] |
| 11/05/12 | Benzene | 1700 | [5] |

**6204**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 04/28/82 | Benzene | 110 | [5] |
| 06/24/82 | Benzene | 2300 | [5] |
| 06/24/82 | Benzene | 1200 | [5] |
| 06/24/82 | Toluene | 8100 | [1000] |
| 06/01/83 | Benzene | 700 | [5] |

**GP-103**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 05/21/13 | Benzene | 20 | [5] |
| 05/21/13 | Benzene | 24 | [5] |
| 05/21/13 | Ethylbenzene | 1300 | [700] |
| 05/21/13 | Ethylbenzene | 1400 | [700] |

**GP-110**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 05/22/13 | Benzene | 200 | [5] |
| 05/22/13 | Ethylbenzene | 3400 | [700] |
| 05/22/13 | Toluene | 2200 | [1000] |
| 05/22/13 | Xylene (Total) | 20000 | [10000] |

**GP-108**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 05/22/13 | Benzene | 22 | [5] |
| 05/22/13 | Ethylbenzene | 990 | [700] |

**IMW-101**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 09/25/13 | Benzene | 509 J | [5] |
| 09/25/13 | Ethylbenzene | 3990 J | [700] |
| 09/25/13 | Toluene | 6660 J | [1000] |
| 09/25/13 | Xylene (Total) | 15900 J | [10000] |
| 10/03/14 | Benzene | 62.8 | [5] |
| 10/03/14 | Benzene | 63.1 | [5] |
| 10/03/14 | Ethylbenzene | 3400 | [700] |
| 10/03/14 | Ethylbenzene | 4160 | [700] |
| 10/03/14 | Toluene | 3010 | [1000] |
| 10/03/14 | Toluene | 3530 | [1000] |
| 10/03/14 | Xylene (Total) | 13200 | [10000] |
| 10/03/14 | Xylene (Total) | 16000 | [10000] |

**GP-109**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 05/22/13 | Benzene | 130 | [5] |
| 05/22/13 | Ethylbenzene | 2900 | [700] |

**IMW-102**

| Date | Parameter | Result | [Criteria] |
|---|---|---|---|
| 09/24/13 | Benzene | 299 | [5] |
| 09/24/13 | Benzene | 313 | [5] |
| 09/24/13 | Ethylbenzene | 3230 | [700] |
| 09/24/13 | Ethylbenzene | 3340 | [700] |
| 09/24/13 | Xylene (Total) | 11200 | [10000] |
| 10/02/14 | Benzene | 262 | [5] |
| 10/02/14 | Ethylbenzene | 3830 | [700] |

**Legend**

1983-1984 · 2012 · 2014
2011 · 2013 · No Exceedances

***Notes***
*Units - ug/l*
*Critera = Groundwater Class I*

0 300 Ft

N

Prepared for:
**Illinois EPA**
Contract No.: HWA-8317
Work Order No. 013

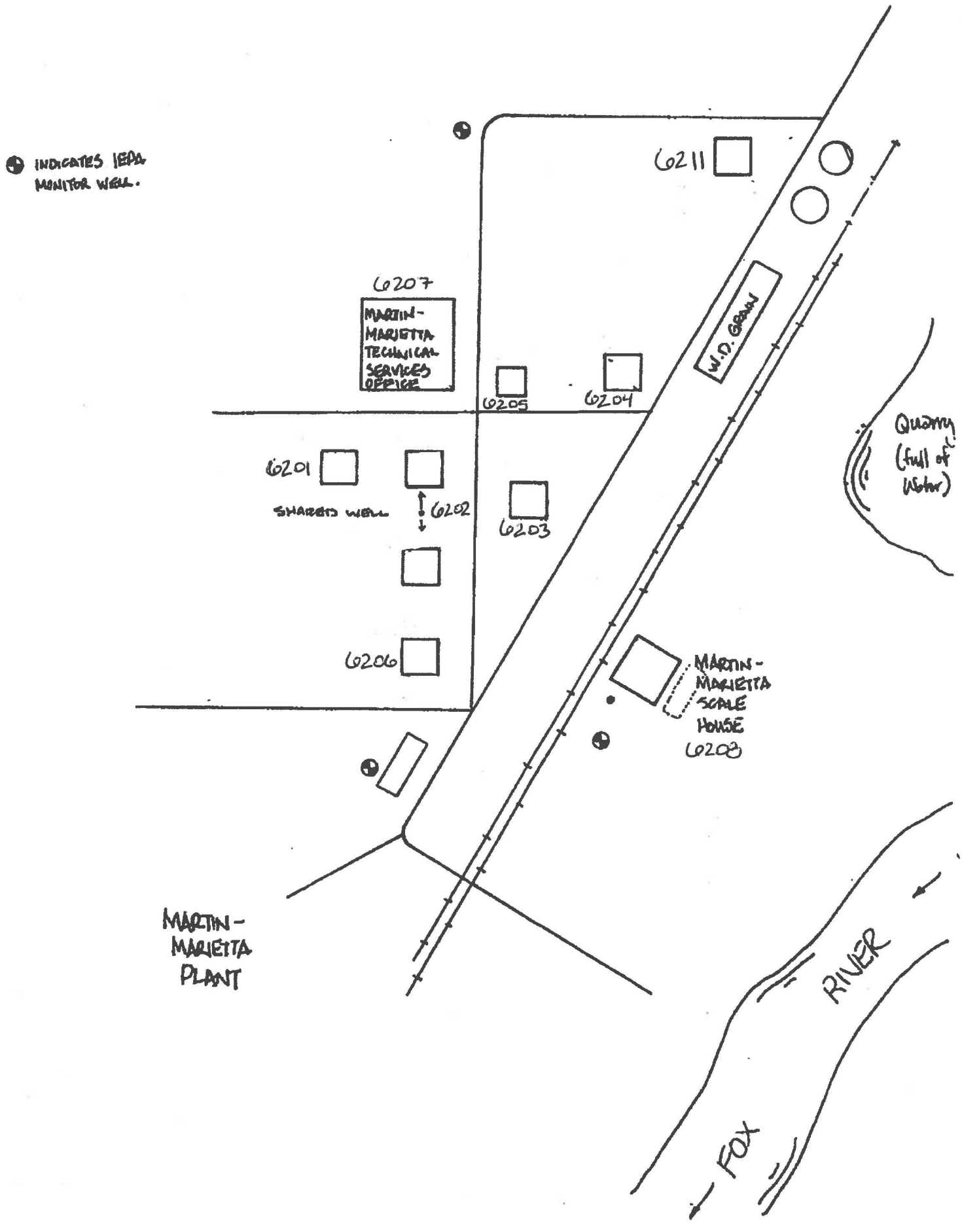
Prepared By:
**WESTON SOLUTIONS, INC**
300 Plaza Circle; Suite 202
Mundelein, Illinois 60060

**Figure 12**
BTEX Water Exceedance Map
Wedron, Lasalle County, Illinois

FILE: D:\Wedron_IEPA\mxd\2014\F12_Water_C1_Exceeds.mxd 1:56:54 PM 3/3/2015 wojdakon

# APPENDIX A

## Drinking Water Well Analytical Data and Map from 1980s

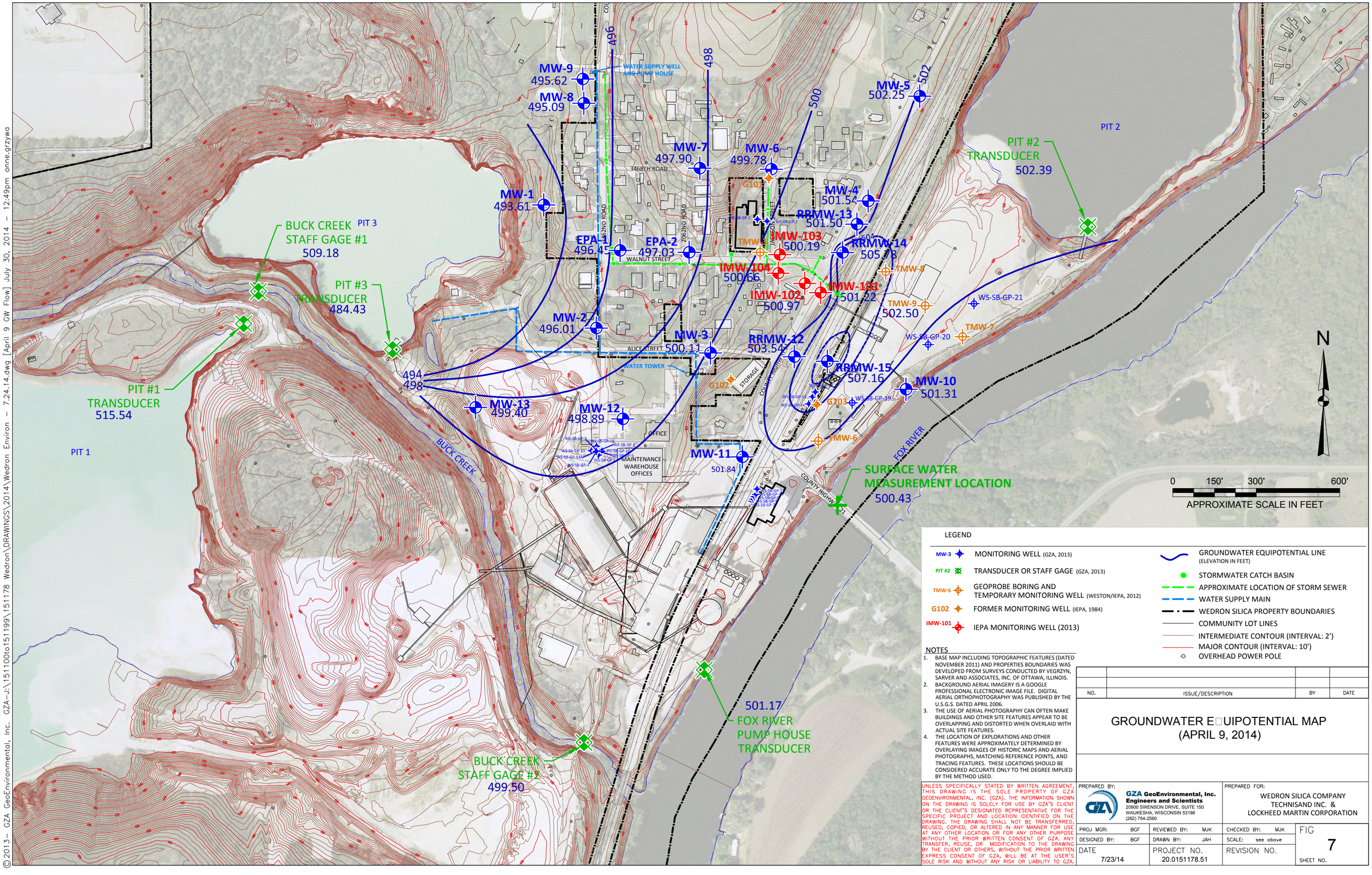

INDICATES IEPA MONITOR WELL.
6211
6207
MARTIN-MARIETTA TECHNICAL SERVICES OFFICE
6205
6204
W.D. GRAHN
Quarry (full of water)
6201
SHARED WELL
6202
6203
6206
MARTIN-MARIETTA SCALE HOUSE
6208
MARTIN-MARIETTA PLANT
RIVER
FOX

# MEDRON RESIDENTIAL WELL ANALYSIS

| SAMPLE DATE | PARAMETER | (6201) | (6202) | (6203) | (6204) | (6205) | (6206) | MARTIN MARIETTA TECH. CENTER (6207) | MARTIN MARIETTA SCALE HOUSE (6208) | (6210) | (6211) | (6212) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 04/28/82 | C3-SUB. BENZENE | ND | 45 | 2000 | 110 | ND | | | | | | |
| | C4-SUB. BENZENE | ND | ND | 100 | ND | ND | | | | | | |
| | NAPHTHALENE | ND | ND | 90 | ND | ND | | | | | | |
| | TOLUENE | ND | ND | 4300 | 880 | ND | | | | | | |
| | UNIDENTIFIED CMPDS. | ND | ND | 200 | 100 | ND | | | | | | |
| | XYLENE | ND | 280 | 4500 | 640 | ND | | | | | | |
| 06/24/82 | C3-SUB. BENZENE | ND | 70 | 800 | 2300 | ND | ND | | | | | |
| | C4-SUB. BENZENE | ND | 35 | 400 | 1200 | ND | ND | | | | | |
| | TOLUENE | ND | 15 | 150 | 8100 | ND | ND | | | | | |
| | XYLENE | ND | 180 | 250 | 4800 | ND | ND | | | | | |
| 06/01/83 | BENZENE | ND | 6 | 550 | 700 | 10 | 3 | | | | | |
| | DICHLORDETHANE | ND | ND | ND | 300 | ND | ND | | | | | |
| | TOLUENE | ND | ND | 500 | 800 | 20 | 4 | | | | | |
| | XYLENE | ND | ND | 680 | 2300 | ND | ND | | | | | |
| 08/11/83 | BENZENE | | | | | | | | 430 | | | |
| | TOLUENE | | | | | | | | 9800 | | | |
| | XYLENE | | | | | | | | 13000 | | | |
| | C3-SUB. BENZENE | | | | | | | | 3600 | | | |
| | C4-SUB. BENZENE | | | | | | | | 300 | | | |
| | PROPENYLBENZENE | | | | | | | | 240 | | | |
| | METHYLINDENE | | | | | | | | 30 | | | |
| | NAPHTHALENE | | | | | | | | 180 | | | |
| | METHYLNAPHTHALENE | | | | | | | | 40 | | | |
| | ALIPHATIC HYDROCARBONS | | | | | | | | 10 | | | |
| | DIETHYLDISULFIDE | | | | | | | | 130 | | | |
| 11/16/83 | ACETONE | ND | ND | 950 | ND | ND | ND | | 110 | ND | ND | |
| | ALIPHATIC HYDROCARBONS | 15 | 10 | 9400 | 15 | 20000 | 15 | | 6700 | ND | 20 | |
| | BENZENE | ND | ND | 10 | ND | 6400 | ND | | 960 | ND | ND | |
| | DICHLORDETHANE | ND | ND | ND | ND | 1000 | ND | | ND | ND | ND | |
| | TOLUENE | ND | ND | ND | ND | 5500 | ND | | 690 | ND | ND | |
| | XYLENE | ND | ND | ND | ND | 6600 | ND | | 6400 | ND | ND | |
| 01/25/84 | VOLATILE ORGANICS | | | | | | | ND | | | | ND |
| | GASOLINE | | | | | | | ND | | | | ND |

# APPENDIX B

## Potentiometric Surface Maps from Wedron Silica Report




LEGEND

- MW-3 — MONITORING WELL (GZA, 2013)
- PIT #2 — TRANSDUCER OR STAFF GAGE (GZA, 2013)
- TMW-6 — GEOPROBE BORING AND TEMPORARY MONITORING WELL (WESTON/IEPA, 2012)
- G102 — FORMER MONITORING WELL (IEPA, 1984)
- IMW-101 — IEPA MONITORING WELL (2013)
- GROUNDWATER EQUIPOTENTIAL LINE (ELEVATION IN FEET)
- STORMWATER CATCH BASIN
- APPROXIMATE LOCATION OF STORM SEWER
- WATER SUPPLY MAIN
- WEDRON SILICA PROPERTY BOUNDARIES
- COMMUNITY LOT LINES
- INTERMEDIATE CONTOUR (INTERVAL: 2')
- MAJOR CONTOUR (INTERVAL: 10')
- OVERHEAD POWER POLE

NOTES

1. BASE MAP INCLUDING TOPOGRAPHIC FEATURES (DATED NOVEMBER 2011) AND PROPERTIES BOUNDARIES WAS DEVELOPED FROM SURVEYS CONDUCTED BY VEGRZYN, SARVER AND ASSOCIATES, INC. OF OTTAWA, ILLINOIS.
2. BACKGROUND AERIAL IMAGERY IS A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS PUBLISHED BY THE U.S.G.S. DATED APRIL 2006.
3. THE USE OF AERIAL PHOTOGRAPHY CAN OFTEN MAKE BUILDINGS AND OTHER SITE FEATURES APPEAR TO BE OVERLAPPING AND DISTORTED WHEN OVERLAID WITH ACTUAL SITE FEATURES.
4. THE LOCATION OF EXPLORATIONS AND OTHER FEATURES WERE APPROXIMATELY DETERMINED BY OVERLAYING IMAGES OF HISTORIC MAPS AND AERIAL PHOTOGRAPHS, MATCHING REFERENCE POINTS, AND TRACING FEATURES. THESE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |
| | | | |

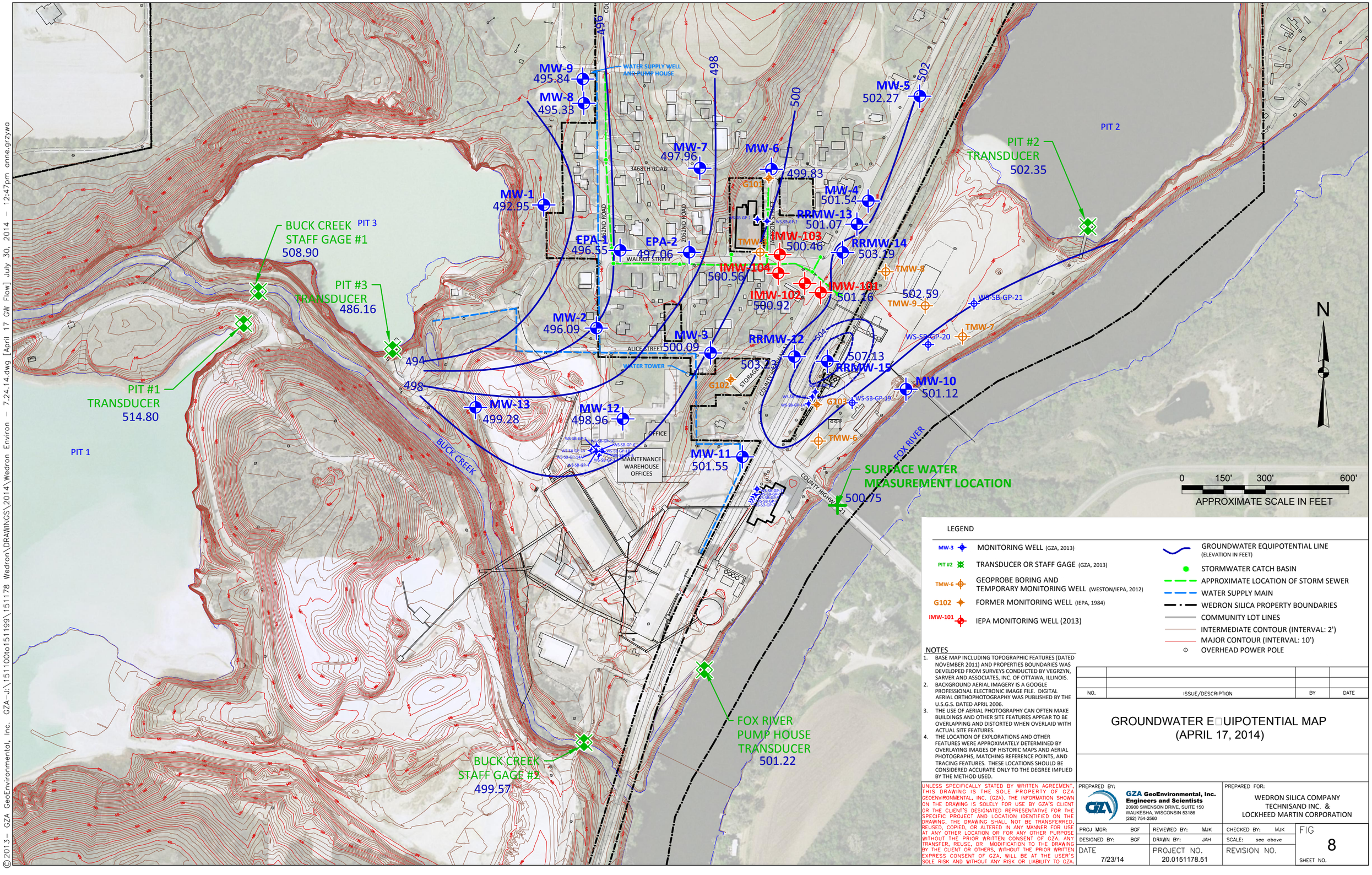
# GROUNDWATER E□UIPOTENTIAL MAP (APRIL 9, 2014)



PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
20900 SWENSON DRIVE, SUITE 150
WAUKESHA, WISCONSIN 53186
(262) 754-2560

PREPARED FOR:
WEDRON SILICA COMPANY
TECHNISAND INC. &
LOCKHEED MARTIN CORPORATION

| | | | |
|---|---|---|---|
| PROJ MGR: BGF | REVIEWED BY: MJK | CHECKED BY: MJK | FIG 7 |
| DESIGNED BY: BGF | DRAWN BY: JAH | SCALE: see above | |
| DATE 7/23/14 | PROJECT NO. 20.0151178.51 | REVISION NO. | SHEET NO. |




LEGEND

- MW-3 — MONITORING WELL (GZA, 2013)
- PIT #2 — TRANSDUCER OR STAFF GAGE (GZA, 2013)
- TMW-6 — GEOPROBE BORING AND TEMPORARY MONITORING WELL (WESTON/IEPA, 2012)
- G102 — FORMER MONITORING WELL (IEPA, 1984)
- IMW-101 — IEPA MONITORING WELL (2013)
- GROUNDWATER EQUIPOTENTIAL LINE (ELEVATION IN FEET)
- STORMWATER CATCH BASIN
- APPROXIMATE LOCATION OF STORM SEWER
- WATER SUPPLY MAIN
- WEDRON SILICA PROPERTY BOUNDARIES
- COMMUNITY LOT LINES
- INTERMEDIATE CONTOUR (INTERVAL: 2')
- MAJOR CONTOUR (INTERVAL: 10')
- OVERHEAD POWER POLE

NOTES

1. BASE MAP INCLUDING TOPOGRAPHIC FEATURES (DATED NOVEMBER 2011) AND PROPERTIES BOUNDARIES WAS DEVELOPED FROM SURVEYS CONDUCTED BY VEGRZYN, SARVER AND ASSOCIATES, INC. OF OTTAWA, ILLINOIS.
2. BACKGROUND AERIAL IMAGERY IS A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS PUBLISHED BY THE U.S.G.S. DATED APRIL 2006.
3. THE USE OF AERIAL PHOTOGRAPHY CAN OFTEN MAKE BUILDINGS AND OTHER SITE FEATURES APPEAR TO BE OVERLAPPING AND DISTORTED WHEN OVERLAID WITH ACTUAL SITE FEATURES.
4. THE LOCATION OF EXPLORATIONS AND OTHER FEATURES WERE APPROXIMATELY DETERMINED BY OVERLAYING IMAGES OF HISTORIC MAPS AND AERIAL PHOTOGRAPHS, MATCHING REFERENCE POINTS, AND TRACING FEATURES. THESE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |
| | | | |

# GROUNDWATER E□UIPOTENTIAL MAP (APRIL 17, 2014)



PREPARED BY:
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20900 SWENSON DRIVE, SUITE 150
WAUKESHA, WISCONSIN 53186
(262) 754-2560

PREPARED FOR:
WEDRON SILICA COMPANY
TECHNISAND INC. &
LOCKHEED MARTIN CORPORATION

| | | | |
|---|---|---|---|
| PROJ MGR: BGF | REVIEWED BY: MJK | CHECKED BY: MJK | FIG 8 |
| DESIGNED BY: BGF | DRAWN BY: JAH | SCALE: see above | |
| DATE 7/23/14 | PROJECT NO. 20.0151178.51 | REVISION NO. | SHEET NO. |

# APPENDIX C

## Figures from BP Report


0 200 400

APPROXIMATE SCALE (FEET)

N

Stantec

446 EISENHOWER LANE NORTH
LOMBARD, ILLINOIS 60148
PHONE (630) 792-1680 FAX (630) 792-1691

FOR:

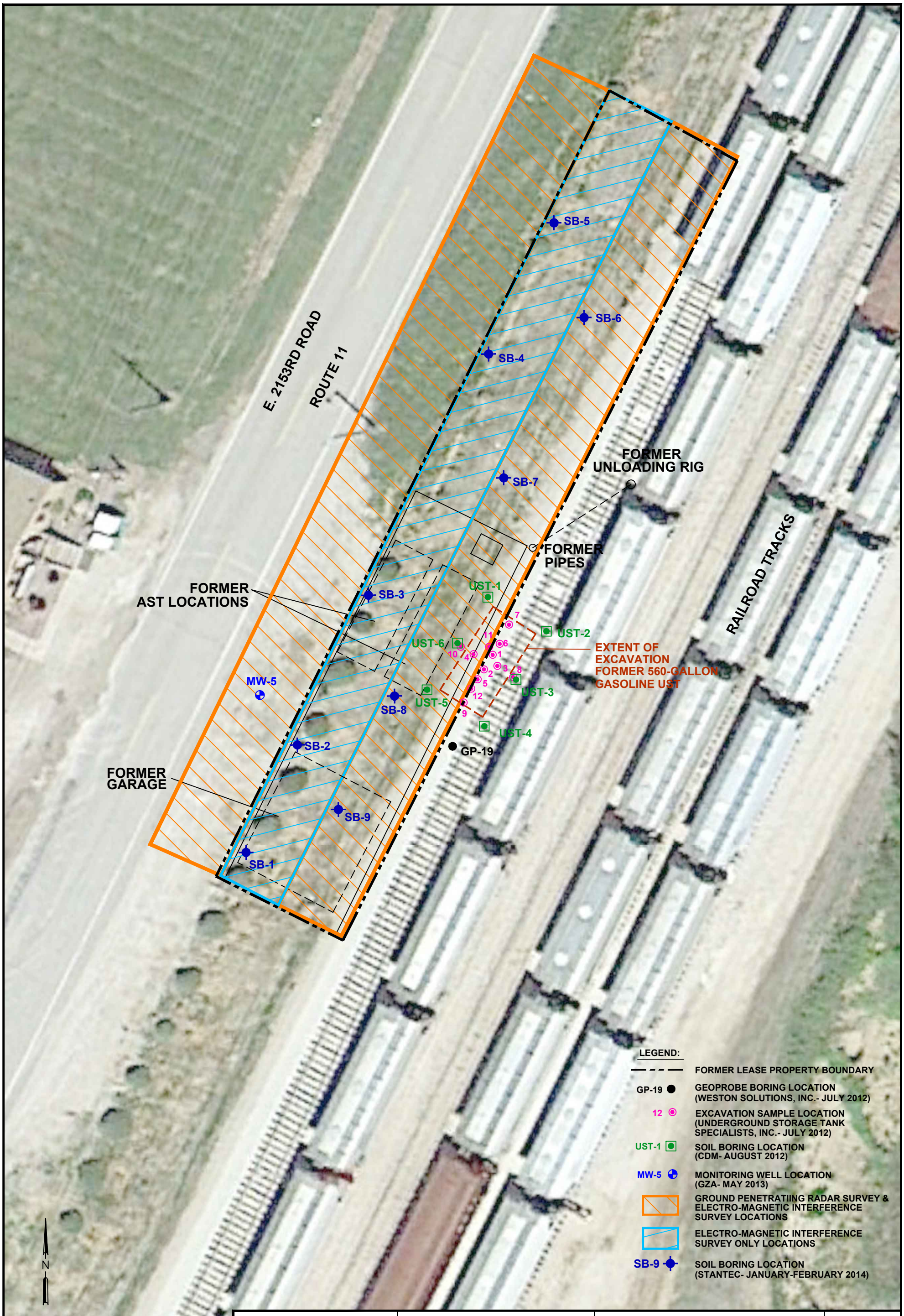
BP PRODUCTS NORTH AMERICA INC.
150 W. WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563

**SITE LOCATION MAP**
**FORMER BULK PLANT**
**WEDRON, ILLINOIS**

FIGURE: **1**

| JOB NUMBER: | DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: |
|---|---|---|---|---|
| 182803000 | KM | LP | LP | 08/21/13 |

FILEPATH:W:\2013 LOMBARD\WEDRON\WEDRON-SLM14.dwg|kmitchell|May 07, 2014 at 11:07|Layout: SITE MAP




Stantec
446 EISENHOWER LANE NORTH
LOMBARD, ILLINOIS 60148
PHONE (630) 792-1680 FAX (630) 792-1691

FOR:
BP PRODUCTS NORTH AMERICA INC.
150 W. WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563

**SOIL BORING LOCATION MAP**

**BP SITE #5482 FORMER BULK PLANT**
**WEDRON, ILLINOIS**

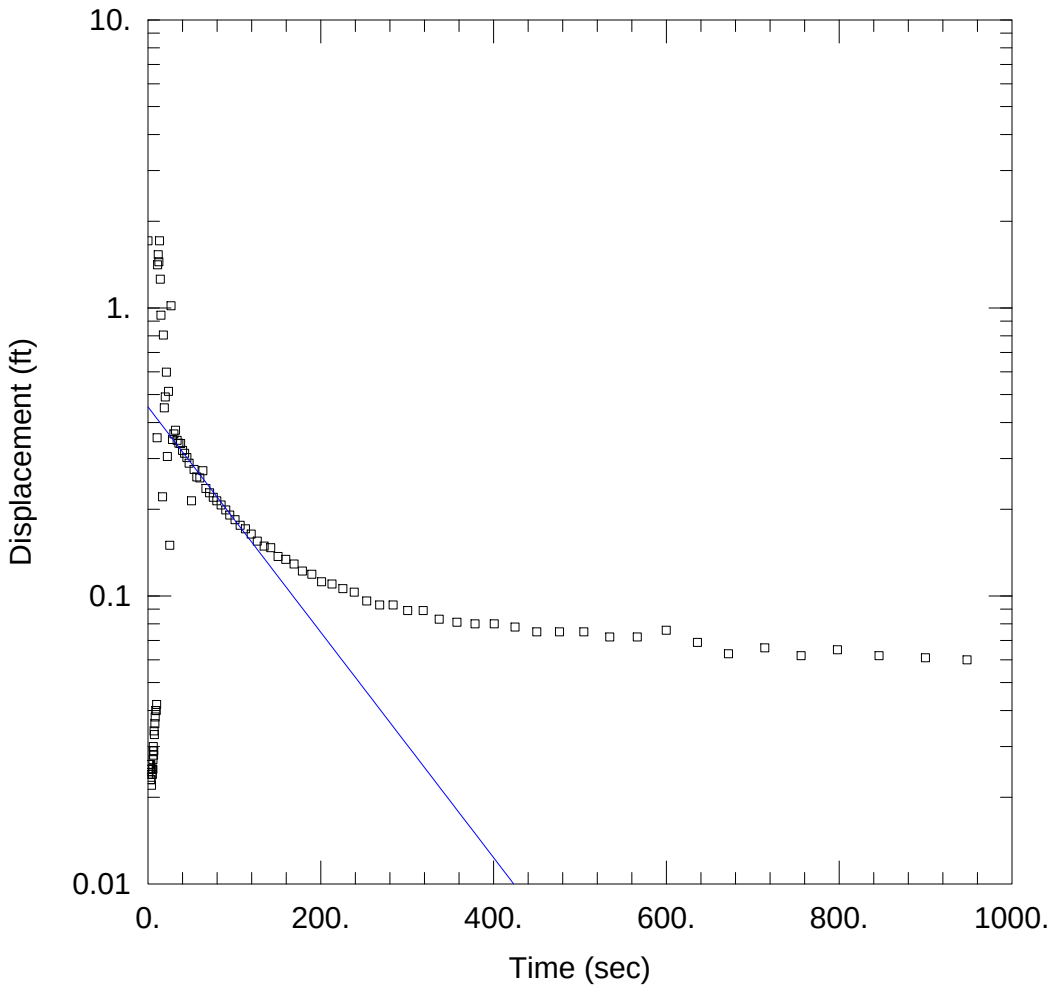
FIGURE: **2**

| JOB NUMBER | DRAWN B | CHECKED B | APPROVED B | DATE |
|---|---|---|---|---|
| 182630000 | KM | AG | LP | 05/07/14 |

FILEPATH W 2013 LOMBARD WEDRON WEDRON-SM14B.d M 07, 2014 9 19 L SB

# APPENDIX D

## Hydraulic Conductivity Testing Output




## IMW-103 FALLING HEAD TEST - PVC SLUG

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-103Fall1-PVC.aqt
Date: 03/02/15 Time: 13:15:29

### PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Well: Falling Head Test
Test Date: 10/2/2014

### AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

### WELL DATA (IMW-103)

Initial Displacement: 1.71 ft
Static Water Column Height: 12.84 ft
Total Well Penetration Depth: 45. ft
Screen Length: 15. ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft

### SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002993 cm/sec
y0 = 0.4531 ft

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-103Fall1-PVC.aqt
Title: IMW-103 Falling Head Test - PVC Slug
Date: 03/02/15
Time: 13:15:04

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Date: 10/2/2014
Test Well: Falling Head Test

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## SLUG TEST WELL DATA

Test Well: IMW-103

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 1.71 ft
Static Water Column Height: 12.84 ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Screen Length: 15. ft
Total Well Penetration Depth: 45. ft

No. of Observations: 112

Observation Data

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 0.25 | 0.025 | 40.08 | 0.32 |
| 0.5 | 0.024 | 42.48 | 0.313 |
| 0.75 | 0.026 | 45. | 0.302 |
| 1. | 0.025 | 47.64 | 0.289 |
| 1.25 | 0.024 | 50.46 | 0.214 |
| 1.5 | 0.026 | 53.46 | 0.275 |
| 1.75 | 0.026 | 56.64 | 0.259 |
| 2. | 0.026 | 60. | 0.257 |
| 2.25 | 0.026 | 63.6 | 0.272 |
| 2.5 | 0.025 | 67.2 | 0.236 |
| 2.75 | 0.026 | 71.4 | 0.228 |
| 3. | 0.025 | 75.6 | 0.22 |
| 3.25 | 0.023 | 79.8 | 0.214 |
| 3.5 | 0.026 | 84.78 | 0.207 |
| 3.75 | 0.023 | 90. | 0.199 |
| 4.102 | 0.022 | 94.8 | 0.191 |
| 4.322 | 0.025 | 100.8 | 0.184 |
| 4.744 | 0.024 | 106.8 | 0.176 |
| 5.166 | 0.024 | 112.8 | 0.171 |
| 5.386 | 0.025 | 119.5 | 0.164 |
| 5.606 | 0.025 | 126.6 | 0.155 |
| 5.827 | 0.027 | 134.6 | 0.149 |
| 6.046 | 0.029 | 142.2 | 0.147 |
| 6.266 | 0.03 | 150.6 | 0.137 |
| 6.488 | 0.028 | 159.6 | 0.134 |
| 6.72 | 0.029 | 169.2 | 0.129 |
| 7.14 | 0.034 | 178.8 | 0.122 |
| 7.56 | 0.033 | 189.7 | 0.119 |
| 7.98 | 0.036 | 201. | 0.112 |

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 8.46 | 0.038 | 213. | 0.11 |
| 9.102 | 0.04 | 225.6 | 0.106 |
| 9.525 | 0.04 | 238.8 | 0.103 |
| 10.08 | 0.042 | 253.2 | 0.096 |
| 10.68 | 0.354 | 268.2 | 0.093 |
| 11.28 | 1.412 | 283.8 | 0.093 |
| 11.94 | 1.53 | 300.6 | 0.089 |
| 12.66 | 1.447 | 318.6 | 0.089 |
| 13.44 | 1.71 | 337.2 | 0.083 |
| 14.4 | 1.258 | 357.6 | 0.081 |
| 15.06 | 0.944 | 378.6 | 0.08 |
| 15.96 | -0.295 | 400.8 | 0.08 |
| 16.92 | 0.221 | 425. | 0.078 |
| 17.88 | 0.805 | 450. | 0.075 |
| 18.96 | 0.45 | 476.4 | 0.075 |
| 20.1 | 0.491 | 504.6 | 0.075 |
| 21.3 | 0.598 | 534.6 | 0.072 |
| 22.56 | 0.305 | 566.4 | 0.072 |
| 23.88 | 0.513 | 600. | 0.076 |
| 25.32 | 0.15 | 636. | 0.069 |
| 26.82 | 1.018 | 672. | 0.063 |
| 28.38 | 0.349 | 714. | 0.066 |
| 30.06 | 0.365 | 756. | 0.062 |
| 31.86 | 0.376 | 798. | 0.065 |
| 33.72 | 0.347 | 846.2 | 0.062 |
| 35.76 | 0.339 | 900. | 0.061 |
| 37.86 | 0.338 | 948. | 0.06 |

## SOLUTION

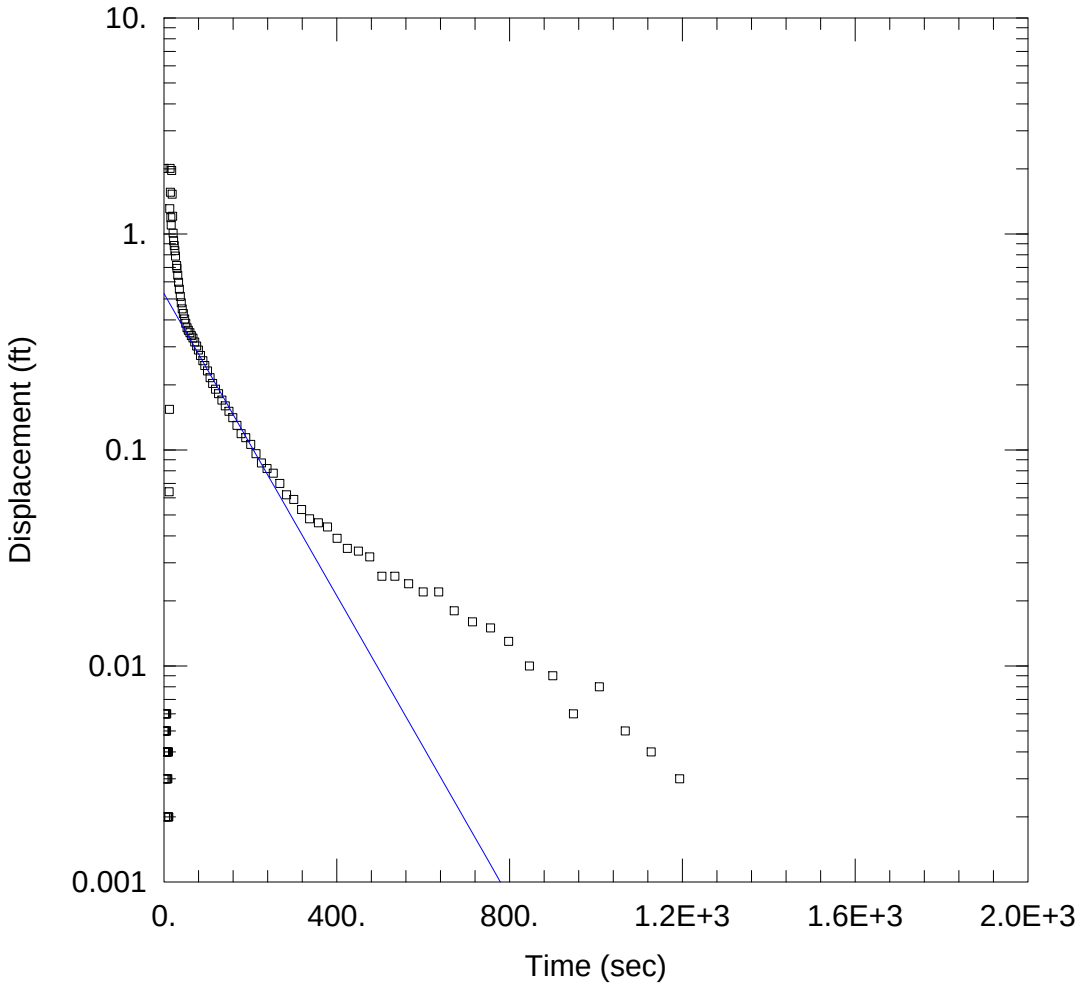
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 4.748

## VISUAL ESTIMATION RESULTS

### Estimated Parameters

| Parameter | Estimate | |
|---|---|---|
| K | 0.0002993 | cm/sec |
| y0 | 0.4531 | ft |

$T = K*b = 0.1825$ cm²/sec




## IMW-103 FALLING HEAD TEST - WATER SLUG

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-103Fall2-Water.aqt
Date: 03/02/15 Time: 13:16:00

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Well: Falling Head Test
Test Date: 10/2/2014

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## WELL DATA (IMW-103)

Initial Displacement: 2.011 ft
Static Water Column Height: 12.84 ft
Total Well Penetration Depth: 45. ft
Screen Length: 15. ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft

## SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002676 cm/sec
y0 = 0.5294 ft

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-103Fall2-Water.aqt
Title: IMW-103 Falling Head Test - Water Slug
Date: 03/02/15
Time: 13:16:18

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Date: 10/2/2014
Test Well: Falling Head Test

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## SLUG TEST WELL DATA

Test Well: IMW-103

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 2.011 ft
Static Water Column Height: 12.84 ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Screen Length: 15. ft
Total Well Penetration Depth: 45. ft

No. of Observations: 124

Observation Data

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 0.251 | 0.003 | 56.64 | 0.358 |
| 0.501 | 0.005 | 60. | 0.349 |
| 0.751 | 0.005 | 63.6 | 0.338 |
| 1.001 | 0.005 | 67.2 | 0.33 |
| 1.251 | 0.006 | 71.4 | 0.316 |
| 1.501 | 0.004 | 75.6 | 0.303 |
| 1.751 | 0.004 | 79.8 | 0.29 |
| 2.001 | 0.005 | 84.6 | 0.274 |
| 2.251 | 0.004 | 90. | 0.259 |
| 2.604 | 0.003 | 94.8 | 0.246 |
| 2.824 | 0.005 | 100.8 | 0.232 |
| 3.245 | 0.005 | 106.8 | 0.216 |
| 3.67 | 0.002 | 112.9 | 0.203 |
| 3.89 | 0.004 | 119.4 | 0.191 |
| 4.11 | 0.004 | 126.6 | 0.182 |
| 4.33 | 0.006 | 134.4 | 0.17 |
| 4.55 | 0.006 | 142.2 | 0.16 |
| 4.77 | 0.002 | 150.6 | 0.151 |
| 4.99 | 0.004 | 159.6 | 0.141 |
| 5.21 | 0.006 | 169.2 | 0.13 |
| 5.43 | 0.003 | 178.8 | 0.119 |
| 5.649 | 0.004 | 189.6 | 0.114 |
| 5.868 | 0.005 | 201. | 0.106 |
| 6.088 | 0.005 | 213.1 | 0.096 |
| 6.361 | 0.006 | 225.6 | 0.087 |
| 6.721 | 0.003 | 238.8 | 0.082 |
| 7.141 | 0.004 | 253.2 | 0.078 |
| 7.561 | 0.003 | 268.2 | 0.07 |
| 7.981 | 0.004 | 283.8 | 0.062 |

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 8.461 | 0.002 | 300.6 | 0.059 |
| 9.16 | 0.003 | 318.6 | 0.053 |
| 9.481 | 0.004 | 337.2 | 0.048 |
| 10.08 | 0.002 | 357.6 | 0.046 |
| 10.68 | 0.004 | 378.6 | 0.044 |
| 11.28 | 0.002 | 400.8 | 0.039 |
| 11.94 | 0.064 | 424.8 | 0.035 |
| 12.79 | 0.154 | 450. | 0.034 |
| 13.44 | 1.309 | 476.4 | 0.032 |
| 14.22 | 2.011 | 504.6 | 0.026 |
| 15.06 | 1.559 | 534.6 | 0.026 |
| 15.96 | 1.19 | 566.4 | 0.024 |
| 16.92 | 1.099 | 600. | 0.022 |
| 18.08 | 1.967 | 636. | 0.022 |
| 18.96 | 1.527 | 672. | 0.018 |
| 20.1 | 1.208 | 714.1 | 0.016 |
| 21.3 | 1.008 | 756. | 0.015 |
| 22.56 | 0.93 | 798. | 0.013 |
| 23.88 | 0.883 | 846. | 0.01 |
| 25.32 | 0.837 | 900. | 0.009 |
| 26.82 | 0.789 | 948. | 0.006 |
| 29.38 | 0.714 | 1008. | 0.008 |
| 30.06 | 0.692 | 1068. | 0.005 |
| 31.86 | 0.644 | 1128. | 0.004 |
| 33.72 | 0.597 | 1194. | 0.003 |
| 35.76 | 0.555 | 1266. | 0. |
| 37.86 | 0.514 | 1344. | -0.003 |
| 40.08 | 0.48 | 1422. | -0.008 |
| 42.56 | 0.45 | 1506. | -0.01 |
| 45. | 0.428 | 1596. | -0.011 |
| 47.84 | 0.404 | 1692. | -0.018 |
| 50.46 | 0.386 | 1788. | -0.017 |
| 53.46 | 0.368 | 1896. | -0.018 |

## SOLUTION

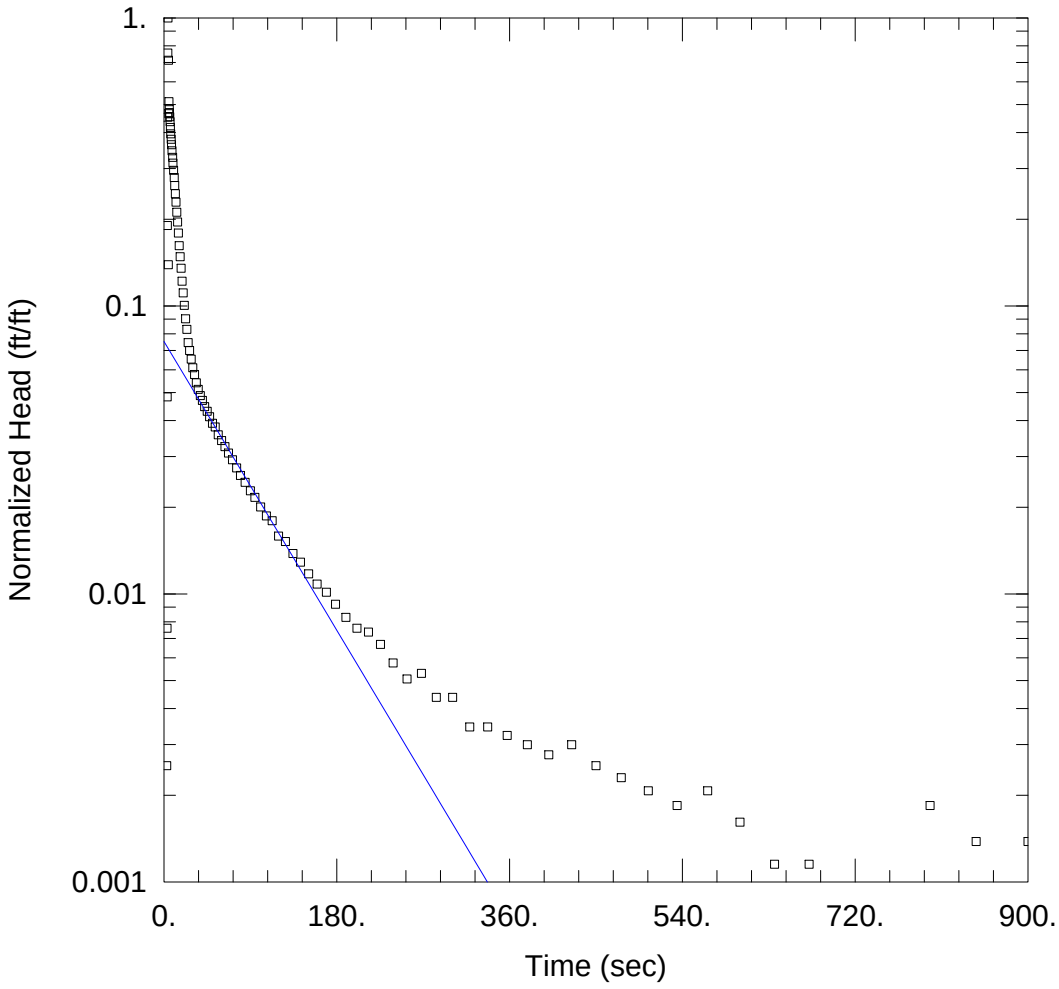
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 4.748

## VISUAL ESTIMATION RESULTS

### Estimated Parameters

| Parameter | Estimate | |
|---|---|---|
| K | 0.0002676 | cm/sec |
| y0 | 0.5294 | ft |

$T = K*b = 0.1631$ cm²/sec




## IMW-103 RISING HEAD TEST - PVC SLUG

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-103Rising.aqt
Date: 03/02/15 Time: 13:16:34

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Well: Falling Head Test
Test Date: 10/2/2014

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## WELL DATA (IMW-103)

Initial Displacement: -4.343 ft
Total Well Penetration Depth: 45. ft
Casing Radius: 0.083 ft
Static Water Column Height: 12.84 ft
Screen Length: 15. ft
Well Radius: 0.083 ft

## SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0004262 cm/sec
y0 = -0.3268 ft

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-103Rising.aqt
Title: IMW-103 Rising Head Test - PVC Slug
Date: 03/02/15
Time: 13:16:46

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Date: 10/2/2014
Test Well: Falling Head Test

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## SLUG TEST WELL DATA

Test Well: IMW-103

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: -4.343 ft
Static Water Column Height: 12.84 ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Screen Length: 15. ft
Total Well Penetration Depth: 45. ft

No. of Observations: 111

Observation Data

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 0.251 | 0.003 | 40.08 | -0.204 |
| 0.501 | 0.003 | 42.48 | -0.194 |
| 0.751 | 0.001 | 45.09 | -0.187 |
| 1.001 | 0.002 | 47.64 | -0.179 |
| 1.251 | 0.005 | 50.65 | -0.17 |
| 1.501 | 0.005 | 53.46 | -0.165 |
| 1.751 | 0.002 | 56.64 | -0.155 |
| 2.001 | 0.003 | 60.11 | -0.148 |
| 2.251 | 0.004 | 63.6 | -0.141 |
| 2.501 | 0.007 | 67.2 | -0.134 |
| 2.961 | -0.011 | 71.4 | -0.127 |
| 3.182 | -0.033 | 75.69 | -0.119 |
| 3.403 | -0.21 | 79.8 | -0.112 |
| 3.623 | -0.826 | 84.6 | -0.106 |
| 3.842 | -1.964 | 90. | -0.099 |
| 4.065 | -3.279 | 94.8 | -0.094 |
| 4.294 | -4.343 | 100.8 | -0.087 |
| 4.525 | -0.604 | 106.8 | -0.081 |
| 4.751 | -3.097 | 112.8 | -0.078 |
| 5.001 | -2.021 | 119.4 | -0.069 |
| 5.251 | -2.223 | 126.6 | -0.066 |
| 5.501 | -2.103 | 134.4 | -0.06 |
| 5.751 | -2.038 | 142.2 | -0.056 |
| 6.001 | -1.972 | 150.8 | -0.051 |
| 6.361 | -1.894 | 159.6 | -0.047 |
| 6.721 | -1.809 | 169.2 | -0.044 |
| 7.141 | -1.719 | 178.8 | -0.04 |
| 7.561 | -1.645 | 189.6 | -0.036 |
| 7.981 | -1.575 | 201. | -0.033 |

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 8.461 | -1.501 | 213. | -0.032 |
| 9.001 | -1.425 | 225.6 | -0.029 |
| 9.481 | -1.361 | 238.8 | -0.025 |
| 10.08 | -1.284 | 253.2 | -0.022 |
| 10.68 | -1.212 | 268.2 | -0.023 |
| 11.28 | -1.137 | 283.8 | -0.019 |
| 11.94 | -1.066 | 300.7 | -0.019 |
| 12.66 | -0.995 | 318.6 | -0.015 |
| 13.44 | -0.919 | 337.2 | -0.015 |
| 14.22 | -0.849 | 357.6 | -0.014 |
| 15.06 | -0.778 | 378.6 | -0.013 |
| 15.96 | -0.703 | 400.9 | -0.012 |
| 16.92 | -0.644 | 424.8 | -0.013 |
| 17.88 | -0.587 | 450. | -0.011 |
| 18.96 | -0.529 | 476.4 | -0.01 |
| 20.1 | -0.482 | 504.6 | -0.009 |
| 21.3 | -0.436 | 534.6 | -0.008 |
| 22.56 | -0.392 | 566.4 | -0.009 |
| 23.88 | -0.36 | 600. | -0.007 |
| 25.32 | -0.324 | 636. | -0.005 |
| 26.82 | -0.304 | 672. | -0.005 |
| 28.38 | -0.284 | 714. | -0.004 |
| 30.06 | -0.265 | 756.1 | -0.003 |
| 31.86 | -0.251 | 798. | -0.008 |
| 33.72 | -0.235 | 846. | -0.006 |
| 35.76 | -0.223 | 900. | -0.006 |
| 37.86 | -0.212 | | |

## SOLUTION

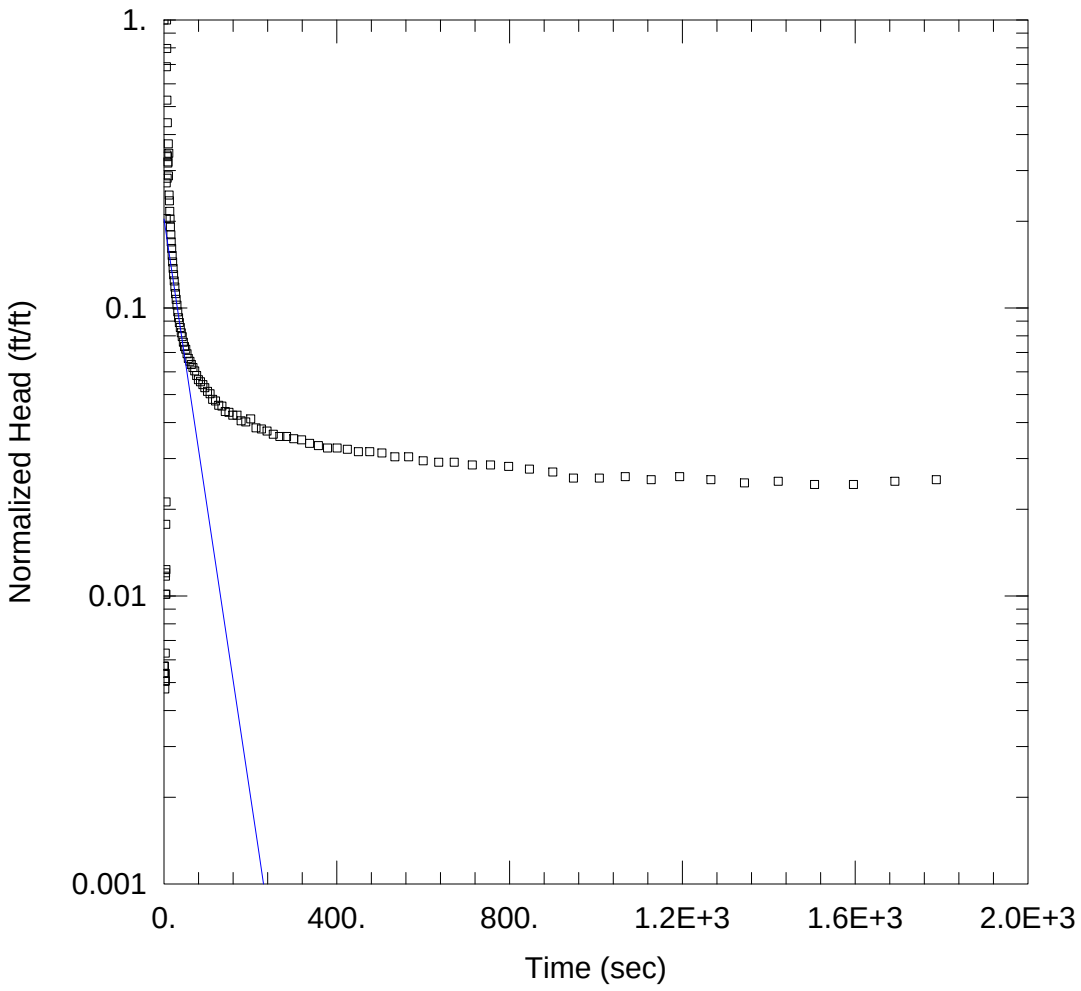
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 4.748

## VISUAL ESTIMATION RESULTS

### Estimated Parameters

| Parameter | Estimate | |
|---|---|---|
| K | 0.0004262 | cm/sec |
| y0 | -0.3268 | ft |

$T = K*b = 0.2598$ cm²/sec




## IMW-104 FALLING HEAD TEST - PVC SLUG

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-104Fall1-PVC.aqt
Date: 03/02/15 Time: 13:17:04

### PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Well: Falling Head Test
Test Date: 10/2/2014

### AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

### WELL DATA (IMW-104)

Initial Displacement: 3.158 ft
Static Water Column Height: 14.79 ft
Total Well Penetration Depth: 45. ft
Screen Length: 15. ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft

### SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0007661 cm/sec
y0 = 0.643 ft

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-104Fall1-PVC.aqt
Title: IMW-104 Falling Head Test - PVC Slug
Date: 03/02/15
Time: 13:17:19

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Date: 10/2/2014
Test Well: Falling Head Test

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## SLUG TEST WELL DATA

Test Well: IMW-104

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 3.158 ft
Static Water Column Height: 14.79 ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Screen Length: 15. ft
Total Well Penetration Depth: 45. ft

No. of Observations: 123

Observation Data

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 0.251 | 0.017 | 56.64 | 0.211 |
| 0.501 | 0.018 | 60. | 0.206 |
| 0.751 | 0.018 | 63.6 | 0.201 |
| 1.102 | 0.018 | 67.2 | 0.196 |
| 1.321 | 0.017 | 71.4 | 0.191 |
| 1.743 | 0.017 | 75.6 | 0.184 |
| 2.166 | 0.015 | 79.8 | 0.178 |
| 2.385 | 0.016 | 84.6 | 0.175 |
| 2.604 | 0.016 | 90. | 0.171 |
| 2.824 | 0.016 | 94.8 | 0.167 |
| 3.043 | 0.017 | 100.8 | 0.162 |
| 3.263 | 0.02 | 106.8 | 0.159 |
| 3.484 | 0.032 | 112.8 | 0.152 |
| 3.703 | 0.037 | 119.4 | 0.15 |
| 3.923 | 0.038 | 126.7 | 0.145 |
| 4.144 | 0.056 | 134.4 | 0.144 |
| 4.363 | -0.005 | 142.2 | 0.138 |
| 4.582 | 0.039 | 150.6 | 0.137 |
| 4.802 | 0.032 | 159.6 | 0.134 |
| 5.023 | 0.067 | 169.2 | 0.134 |
| 5.251 | 0.645 | 178.8 | 0.128 |
| 5.501 | 0.858 | 189.6 | 0.127 |
| 5.751 | 2.172 | 201. | 0.13 |
| 6.102 | 3.158 | 213. | 0.121 |
| 6.53 | 2.513 | 225.6 | 0.12 |
| 6.751 | 1.663 | 238.8 | 0.118 |
| 7.176 | 1.072 | 253.2 | 0.115 |
| 7.561 | 0.891 | 268.2 | 0.113 |
| 7.981 | 1.389 | 283.8 | 0.113 |

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 8.461 | 1.058 | 300.6 | 0.111 |
| 9.001 | 1.006 | 318.6 | 0.11 |
| 9.481 | 1.015 | 337.2 | 0.107 |
| 10.08 | 1.173 | 357.6 | 0.105 |
| 10.68 | 0.908 | 378.6 | 0.103 |
| 11.31 | 1.087 | 400.8 | 0.103 |
| 11.94 | 0.779 | 424.8 | 0.102 |
| 12.66 | 0.744 | 450. | 0.1 |
| 13.44 | 0.683 | 476.4 | 0.1 |
| 14.22 | 0.643 | 504.6 | 0.099 |
| 15.06 | 0.604 | 534.6 | 0.096 |
| 15.98 | 0.567 | 566.4 | 0.096 |
| 16.92 | 0.535 | 600. | 0.093 |
| 17.88 | 0.508 | 636. | 0.092 |
| 18.96 | 0.48 | 672.2 | 0.092 |
| 20.1 | 0.456 | 714. | 0.09 |
| 21.3 | 0.433 | 756. | 0.09 |
| 22.56 | 0.412 | 798. | 0.089 |
| 23.88 | 0.392 | 846. | 0.087 |
| 25.32 | 0.373 | 900. | 0.085 |
| 26.82 | 0.354 | 948. | 0.081 |
| 28.38 | 0.338 | 1008. | 0.081 |
| 30.06 | 0.323 | 1068. | 0.082 |
| 31.86 | 0.306 | 1128.1 | 0.08 |
| 33.72 | 0.292 | 1194. | 0.082 |
| 35.76 | 0.281 | 1266. | 0.08 |
| 37.86 | 0.27 | 1344. | 0.078 |
| 40.08 | 0.259 | 1422. | 0.079 |
| 42.48 | 0.251 | 1506. | 0.077 |
| 45. | 0.24 | 1596. | 0.077 |
| 47.64 | 0.232 | 1692. | 0.079 |
| 50.46 | 0.227 | 1788. | 0.08 |
| 53.46 | 0.219 | | |

## SOLUTION

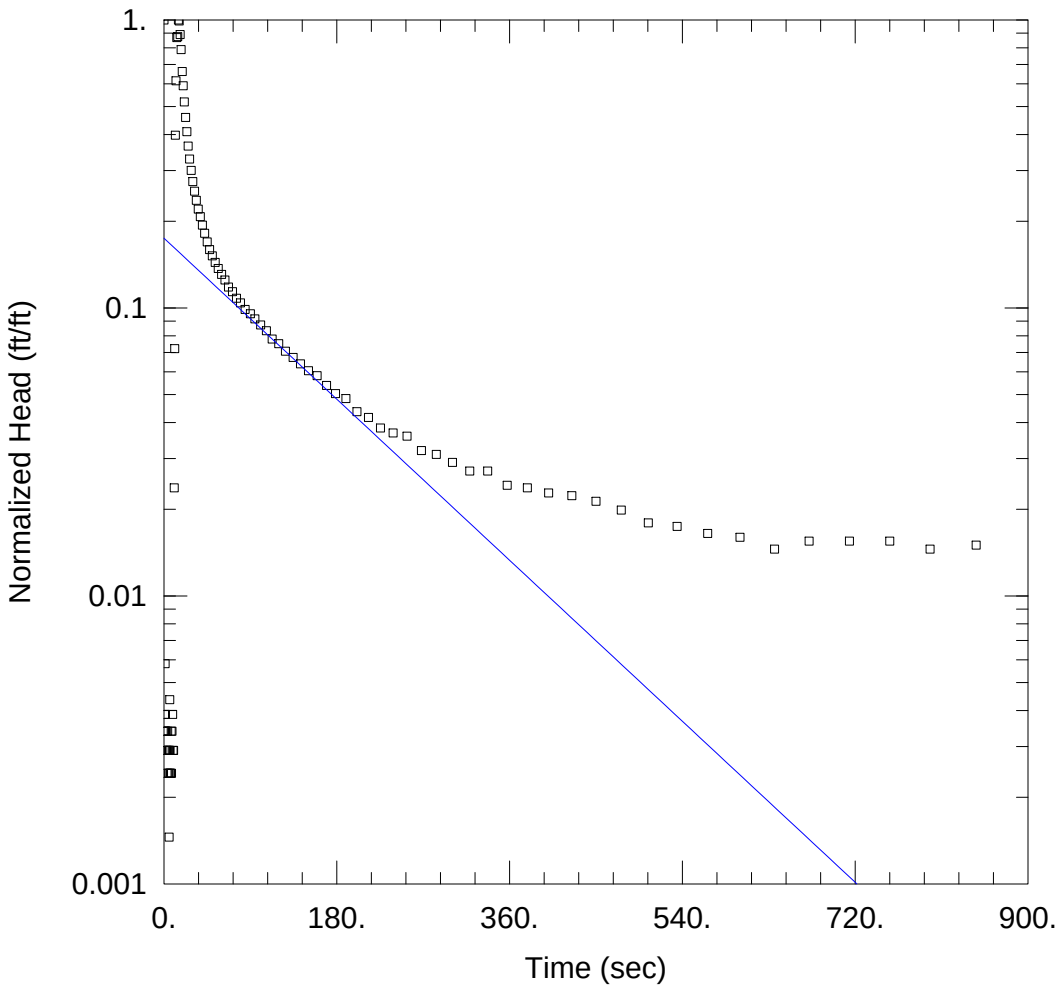
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 4.748

## VISUAL ESTIMATION RESULTS

### Estimated Parameters

| Parameter | Estimate | |
|---|---|---|
| K | 0.0007661 | cm/sec |
| y0 | 0.643 | ft |

$T = K*b = 0.467$ cm²/sec




## IMW-104 FALLING HEAD TEST - WATER SLUG

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-104Fall2-Water.aqt
Date: 03/02/15 Time: 13:17:35

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Well: Falling Head Test
Test Date: 10/2/2014

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## WELL DATA (IMW-104)

Initial Displacement: 2.064 ft
Static Water Column Height: 14.79 ft
Total Well Penetration Depth: 45. ft
Screen Length: 15. ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft

## SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002377 cm/sec
y0 = 0.3605 ft

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-104Fall2-Water.aqt
Title: IMW-104 Falling Head Test - Water Slug
Date: 03/02/15
Time: 13:17:51

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Date: 10/2/2014
Test Well: Falling Head Test

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## SLUG TEST WELL DATA

Test Well: IMW-104

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 2.064 ft
Static Water Column Height: 14.79 ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Screen Length: 15. ft
Total Well Penetration Depth: 45. ft

No. of Observations: 110

Observation Data

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 0.251 | 0.006 | 37.86 | 0.428 |
| 0.501 | 0.007 | 40.08 | 0.4 |
| 0.751 | 0.008 | 42.48 | 0.375 |
| 1.001 | 0.007 | 45. | 0.35 |
| 1.251 | 0.012 | 47.64 | 0.329 |
| 1.501 | 0.008 | 50.46 | 0.313 |
| 1.751 | 0.007 | 53.46 | 0.297 |
| 2.001 | 0.007 | 56.64 | 0.283 |
| 2.251 | 0.007 | 60. | 0.27 |
| 2.501 | 0.006 | 63.6 | 0.258 |
| 2.751 | 0.006 | 67.2 | 0.244 |
| 3.001 | 0.006 | 71.4 | 0.235 |
| 3.251 | 0.005 | 75.6 | 0.223 |
| 3.501 | 0.006 | 79.8 | 0.215 |
| 3.852 | 0.007 | 84.6 | 0.204 |
| 4.072 | 0.005 | 90. | 0.197 |
| 4.493 | 0.006 | 94.8 | 0.189 |
| 4.916 | 0.005 | 100.8 | 0.18 |
| 5.135 | 0.006 | 106.8 | 0.172 |
| 5.354 | 0.003 | 112.8 | 0.161 |
| 5.574 | 0.006 | 119.6 | 0.155 |
| 5.793 | 0.006 | 126.6 | 0.146 |
| 6.014 | 0.009 | 134.6 | 0.139 |
| 6.234 | 0.005 | 142.2 | 0.132 |
| 6.456 | 0.006 | 150.6 | 0.125 |
| 6.721 | 0.005 | 159.6 | 0.12 |
| 7.141 | 0.005 | 169.4 | 0.111 |
| 7.561 | 0.007 | 178.8 | 0.104 |
| 7.981 | 0.005 | 189.6 | 0.1 |

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 8.461 | 0.007 | 201. | 0.09 |
| 9.143 | 0.008 | 213. | 0.086 |
| 9.572 | 0.006 | 225.6 | 0.079 |
| 10.08 | 0.006 | 238.8 | 0.076 |
| 10.68 | 0.049 | 253.2 | 0.074 |
| 11.28 | 0.149 | 268.2 | 0.066 |
| 11.94 | 0.821 | 283.8 | 0.064 |
| 12.66 | 1.269 | 300.6 | 0.06 |
| 13.44 | 1.792 | 318.6 | 0.056 |
| 14.42 | 1.805 | 337.2 | 0.056 |
| 15.06 | 2.064 | 357.6 | 0.05 |
| 15.96 | 2.046 | 378.6 | 0.049 |
| 16.92 | 1.837 | 400.8 | 0.047 |
| 17.88 | 1.627 | 425. | 0.046 |
| 19.14 | 1.367 | 450. | 0.044 |
| 20.1 | 1.219 | 476.4 | 0.041 |
| 21.3 | 1.072 | 504.6 | 0.037 |
| 22.56 | 0.946 | 534.6 | 0.036 |
| 23.88 | 0.845 | 566.4 | 0.034 |
| 25.32 | 0.753 | 600. | 0.033 |
| 26.82 | 0.679 | 636. | 0.03 |
| 28.38 | 0.62 | 672. | 0.032 |
| 30.06 | 0.567 | 714. | 0.032 |
| 31.86 | 0.525 | 756. | 0.032 |
| 33.72 | 0.488 | 798. | 0.03 |
| 35.76 | 0.455 | 846. | 0.031 |

## SOLUTION

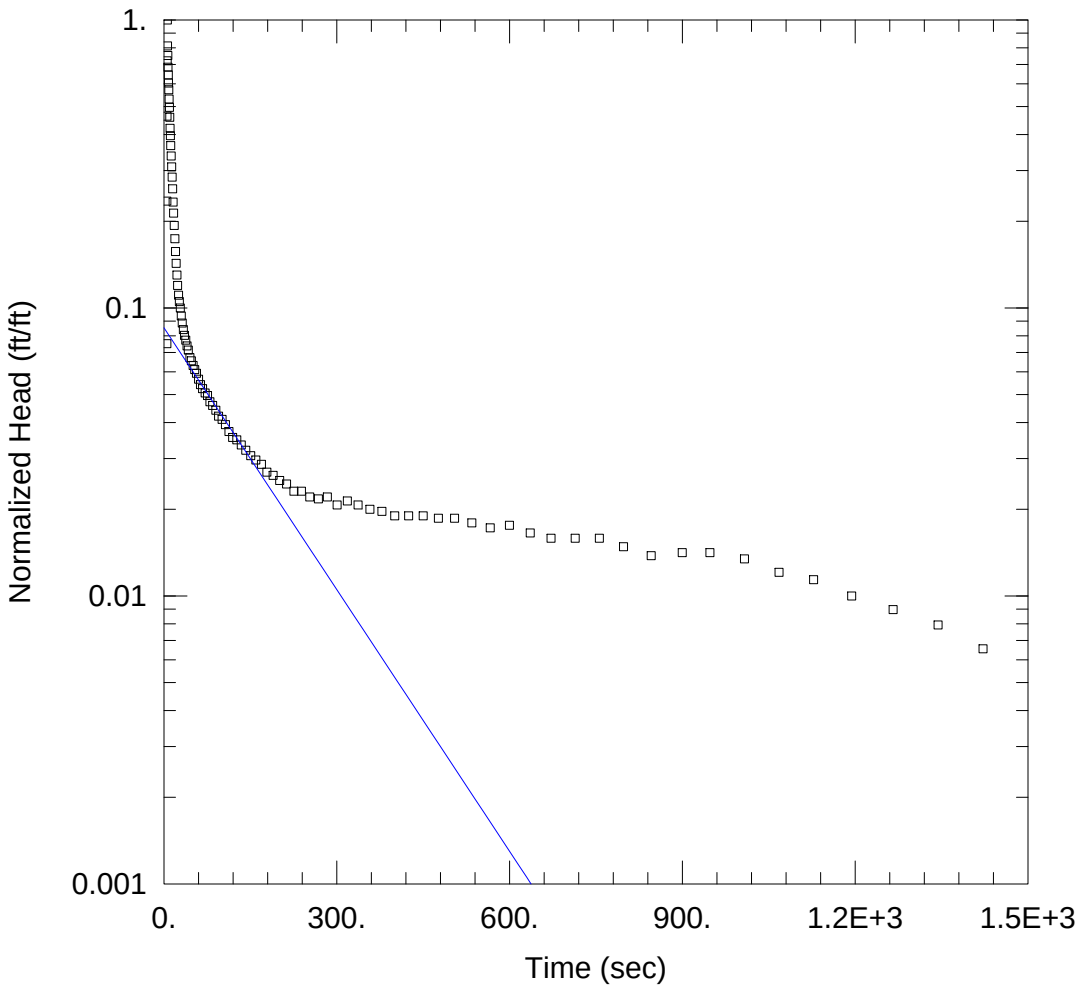
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 4.748

## VISUAL ESTIMATION RESULTS

### Estimated Parameters

| Parameter | Estimate | |
|---|---|---|
| K | 0.0002377 | cm/sec |
| y0 | 0.3605 | ft |

$T = K*b = 0.1449$ cm²/sec




## IMW-104 RISING HEAD TEST - PVC SLUG

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-104Rising.aqt
Date: 03/02/15 Time: 13:18:06

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Well: Falling Head Test
Test Date: 10/2/2014

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## WELL DATA (IMW-104)

Initial Displacement: -2.9 ft
Static Water Column Height: 14.79 ft
Total Well Penetration Depth: 45. ft
Screen Length: 15. ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft

## SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002318 cm/sec
y0 = -0.2473 ft

Data Set: K:\State\IEPA2007\Wedron\2014 Fall Sampling\Slug Test\IMW-104Rising.aqt
Title: IMW-104 Rising Head Test - PVC Slug
Date: 03/02/15
Time: 13:18:17

## PROJECT INFORMATION

Company: Weston Solutions, Inc.
Client: IEPA
Project: 01104.020.006
Location: Wedron, IL
Test Date: 10/2/2014
Test Well: Falling Head Test

## AQUIFER DATA

Saturated Thickness: 20. ft
Anisotropy Ratio (Kz/Kr): 1.

## SLUG TEST WELL DATA

Test Well: IMW-104

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: -2.9 ft
Static Water Column Height: 14.79 ft
Casing Radius: 0.083 ft
Well Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Screen Length: 15. ft
Total Well Penetration Depth: 45. ft

No. of Observations: 125

Observation Data

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 0.25 | 0.006 | 60. | -0.164 |
| 0.605 | 0.007 | 63.6 | -0.157 |
| 0.825 | 0.006 | 67.2 | -0.152 |
| 1.247 | 0.006 | 71.4 | -0.147 |
| 1.671 | 0.004 | 75.63 | -0.144 |
| 1.89 | 0.006 | 79.8 | -0.137 |
| 2.109 | 0.007 | 84.6 | -0.133 |
| 2.329 | 0.005 | 90. | -0.128 |
| 2.549 | 0.007 | 94.8 | -0.122 |
| 2.768 | 0.004 | 100.9 | -0.119 |
| 2.988 | 0.005 | 106.8 | -0.114 |
| 3.208 | 0.005 | 112.8 | -0.108 |
| 3.437 | 0.005 | 119.4 | -0.103 |
| 3.657 | 0.006 | 126.6 | -0.101 |
| 3.876 | 0.004 | 134.4 | -0.097 |
| 4.095 | 0.004 | 142.2 | -0.093 |
| 4.315 | 0.004 | 150.7 | -0.089 |
| 4.534 | 0.004 | 159.6 | -0.086 |
| 4.753 | 0.004 | 169.2 | -0.083 |
| 5. | -0.218 | 178.8 | -0.078 |
| 5.25 | -0.681 | 189.6 | -0.076 |
| 5.5 | -1.344 | 201.1 | -0.073 |
| 5.75 | -2.091 | 213. | -0.071 |
| 6. | -2.9 | 225.6 | -0.067 |
| 6.36 | -2.355 | 238.8 | -0.067 |
| 6.72 | -2.182 | 253.2 | -0.064 |
| 7.142 | -1.986 | 268.2 | -0.063 |
| 7.566 | -1.869 | 283.8 | -0.064 |
| 7.98 | -1.75 | 300.6 | -0.06 |

| Time (sec) | Displacement (ft) | Time (sec) | Displacement (ft) |
|---|---|---|---|
| 8.46 | -1.659 | 318.6 | -0.062 |
| 9. | -1.54 | 337.2 | -0.06 |
| 9.48 | -1.441 | 357.6 | -0.058 |
| 10.08 | -1.332 | 378.6 | -0.057 |
| 10.8 | -1.219 | 400.8 | -0.055 |
| 11.28 | -1.149 | 424.8 | -0.055 |
| 11.94 | -1.062 | 450. | -0.055 |
| 12.66 | -0.977 | 476.5 | -0.054 |
| 13.44 | -0.896 | 504.6 | -0.054 |
| 14.22 | -0.825 | 534.6 | -0.052 |
| 15.06 | -0.752 | 566.4 | -0.05 |
| 16.09 | -0.676 | 600. | -0.051 |
| 16.92 | -0.619 | 636. | -0.048 |
| 17.88 | -0.561 | 672.1 | -0.046 |
| 18.96 | -0.504 | 714. | -0.046 |
| 20.1 | -0.455 | 756. | -0.046 |
| 21.3 | -0.414 | 798. | -0.043 |
| 22.56 | -0.377 | 846. | -0.04 |
| 23.88 | -0.347 | 900. | -0.041 |
| 25.32 | -0.321 | 948. | -0.041 |
| 26.82 | -0.305 | 1008. | -0.039 |
| 28.38 | -0.29 | 1068. | -0.035 |
| 30.06 | -0.272 | 1128. | -0.033 |
| 31.86 | -0.257 | 1194. | -0.029 |
| 33.72 | -0.244 | 1266. | -0.026 |
| 35.83 | -0.233 | 1344. | -0.023 |
| 37.86 | -0.224 | 1422. | -0.019 |
| 40.08 | -0.214 | 1506. | -0.018 |
| 42.48 | -0.207 | 1596. | -0.015 |
| 45. | -0.195 | 1692. | -0.012 |
| 47.64 | -0.19 | 1788.1 | -0.011 |
| 50.58 | -0.183 | 1896. | -0.012 |
| 53.46 | -0.177 | 2010. | -0.012 |
| 56.64 | -0.172 | | |

## SOLUTION

Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 4.748

## VISUAL ESTIMATION RESULTS

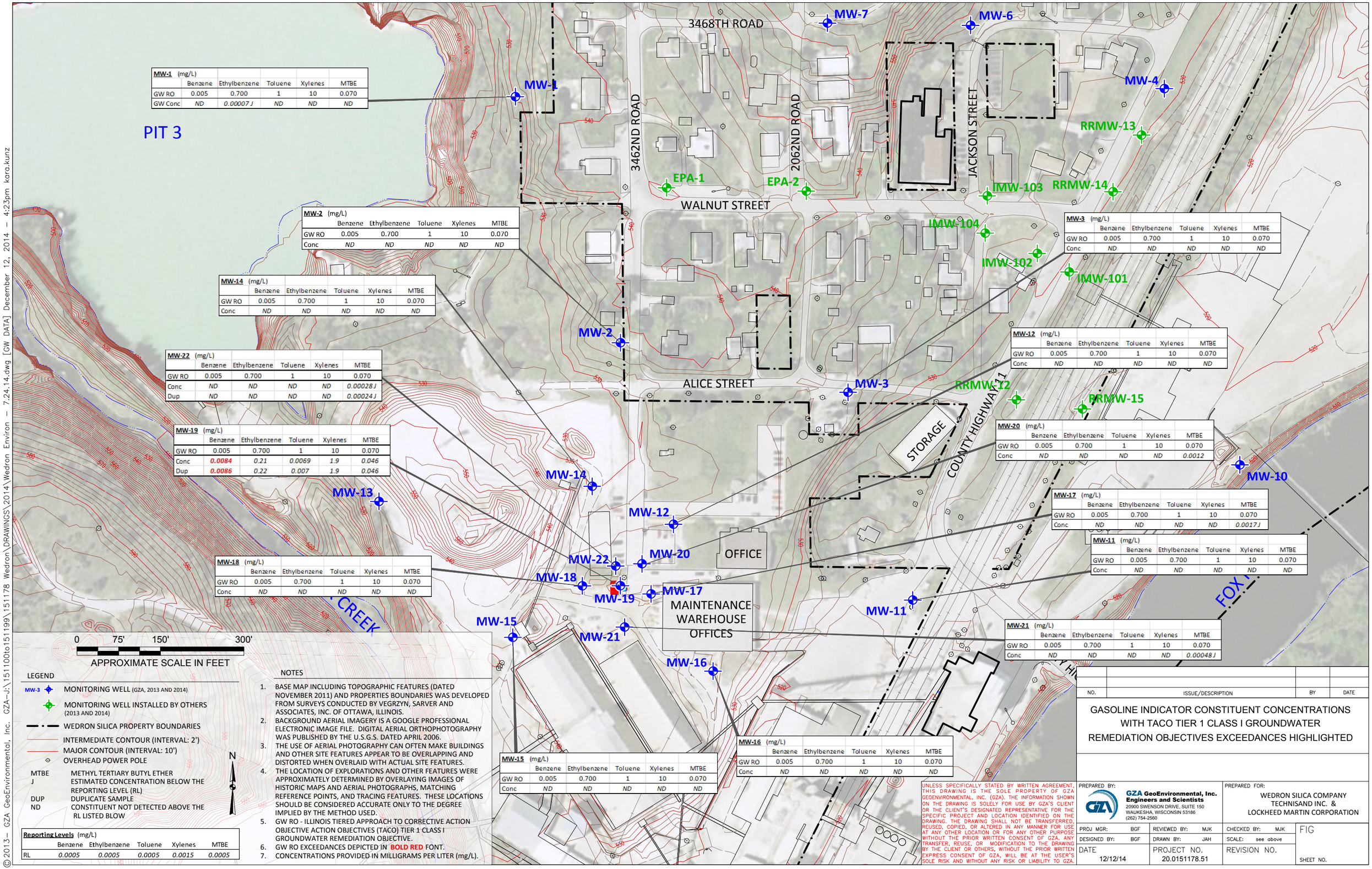
### Estimated Parameters

| Parameter | Estimate | |
|---|---|---|
| K | 0.0002318 | cm/sec |
| y0 | -0.2473 | ft |

T = K*b = 0.1413 cm²/sec

# APPENDIX E

## Draft Figure – November 2014 Groundwater Sampling – Wedron Silica




**MW-1** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| GW Conc | *ND* | *0.00007 J* | *ND* | *ND* | *ND* |

**MW-2** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-3** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-11** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-12** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-14** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-15** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-16** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-17** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *0.0017 J* |

**MW-18** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *ND* |

**MW-19** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | ***0.0084*** | *0.21* | *0.0069* | *1.9* | *0.046* |
| Dup | ***0.0086*** | *0.22* | *0.007* | *1.9* | *0.046* |

**MW-20** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *0.0012* |

**MW-21** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *0.00048 J* |

**MW-22** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| GW RO | 0.005 | 0.700 | 1 | 10 | 0.070 |
| Conc | *ND* | *ND* | *ND* | *ND* | *0.00028 J* |
| Dup | *ND* | *ND* | *ND* | *ND* | *0.00024 J* |

0 75' 150' 300'

APPROXIMATE SCALE IN FEET

N

LEGEND

- MW-3 — MONITORING WELL (GZA, 2013 AND 2014)
- MONITORING WELL INSTALLED BY OTHERS (2013 AND 2014)
- WEDRON SILICA PROPERTY BOUNDARIES
- INTERMEDIATE CONTOUR (INTERVAL: 2')
- MAJOR CONTOUR (INTERVAL: 10')
- OVERHEAD POWER POLE
- MTBE — METHYL TERTIARY BUTYL ETHER
- J — ESTIMATED CONCENTRATION BELOW THE REPORTING LEVEL (RL)
- DUP — DUPLICATE SAMPLE
- ND — CONSTITUENT NOT DETECTED ABOVE THE RL LISTED BLOW

**Reporting Levels** (mg/L)

| | Benzene | Ethylbenzene | Toluene | Xylenes | MTBE |
|---|---|---|---|---|---|
| RL | *0.0005* | *0.0005* | *0.0005* | *0.0015* | *0.0005* |

NOTES

1. BASE MAP INCLUDING TOPOGRAPHIC FEATURES (DATED NOVEMBER 2011) AND PROPERTIES BOUNDARIES WAS DEVELOPED FROM SURVEYS CONDUCTED BY VEGRZYN, SARVER AND ASSOCIATES, INC. OF OTTAWA, ILLINOIS.
2. BACKGROUND AERIAL IMAGERY IS A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS PUBLISHED BY THE U.S.G.S. DATED APRIL 2006.
3. THE USE OF AERIAL PHOTOGRAPHY CAN OFTEN MAKE BUILDINGS AND OTHER SITE FEATURES APPEAR TO BE OVERLAPPING AND DISTORTED WHEN OVERLAID WITH ACTUAL SITE FEATURES.
4. THE LOCATION OF EXPLORATIONS AND OTHER FEATURES WERE APPROXIMATELY DETERMINED BY OVERLAYING IMAGES OF HISTORIC MAPS AND AERIAL PHOTOGRAPHS, MATCHING REFERENCE POINTS, AND TRACING FEATURES. THESE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
5. GW RO - ILLINOIS TIERED APPROACH TO CORRECTIVE ACTION OBJECTIVE ACTION OBJECTIVES (TACO) TIER 1 CLASS I GROUNDWATER REMEDIATION OBJECTIVE.
6. GW RO EXCEEDANCES DEPICTED IN **BOLD RED** FONT.
7. CONCENTRATIONS PROVIDED IN MILLIGRAMS PER LITER (mg/L).

| NO. | ISSUE/DESCRIPTION | BY | DATE |
|---|---|---|---|

# GASOLINE INDICATOR CONSTITUENT CONCENTRATIONS WITH TACO TIER 1 CLASS I GROUNDWATER REMEDIATION OBJECTIVES EXCEEDANCES HIGHLIGHTED



PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
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PREPARED FOR:
WEDRON SILICA COMPANY
TECHNISAND INC. &
LOCKHEED MARTIN CORPORATION

| | | | |
|---|---|---|---|
| PROJ MGR: BGF | REVIEWED BY: MJK | CHECKED BY: MJK | FIG |
| DESIGNED BY: BGF | DRAWN BY: JAH | SCALE: see above | |
| DATE 12/12/14 | PROJECT NO. 20.0151178.51 | REVISION NO. | SHEET NO. |