REPORT

Site Investigation

Illinois Railway Property
Wedron, IL 60557

Illinois Railway, L.L.C.

February 2014

CDM Smith

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Executive Summary

This report presents the findings of the Site Investigation completed for the Illinois Railway Property easements located in Wedron, Illinois. Throughout this document the Illinois Railway Property will be referred to as the Site. As part of the Site Investigation, CDM Smith Inc. (CDM Smith) performed an additional subsurface soil investigation on December 19-20, 2013.

The purpose of the limited investigation was to determine if impacted soil is present along the Illinois Railway right-of-way.

The main line that runs north-south through Wedron, Illinois and easements/spurs are owned by Illinois Railway. The Fairmount Minerals subsidiaries, Wedron Silica and Technisand Wedron, operate the easements/spurs. The investigation focused on an area of the railroad right-of-way approximately 70 feet by 1,000 feet. See **Figure 1**.

The surficial geology consists of approximately 2-5 feet of gravelly or silty sand overlying sandy and clayey silts. Sand and gravel seams were observed throughout. Sandstone was encountered in this area at approximately 18 to 20 feet below ground surface (bgs). Depth to groundwater was 17-20 feet bgs in 7 of the 11 borings. The two borings along the railroad tracks (GP-04 and GP-07) encountered groundwater at 14.5 and 10 feet bgs, respectively. The northern two borings (GP-09 and GP-10) encountered groundwater at 10 and 13.5 feet bgs, respectively.

Previous Investigations

The Illinois Railway easements were formerly owned by the Burlington North Santa Fe (BNSF) Railway Company. The easements were previously developed with multiple grain silos, including those owned by W.D. Grain Company. BNSF sold the Site to North American Railnet, Inc. in 1997 and the site was sold to Illinois Railway in 2005.

GZA GeoEnvironmental, Inc. (GZA) completed a Shallow Subsurface Investigation in April 2012 along the west side of the existing Technisand Rail Siding Load Out at the Fairmount Minerals/Wedron Silica Co. property. This area was part of a new railroad siding construction project. Twenty borings were completed to 6 feet bgs along an 850-foot portion in the area for the proposed railroad sidings to identify potential residual contaminants from historic operations. Analyses included BTEX and total petroleum hydrocarbons (TPH) as gasoline range organics (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 as GRO was detected in GP-1, GP-3, and GP-5. Benzene was detected in GP-3 above the TACO Tier 1 soil component of groundwater ingestion exposure route for Class I and Class II groundwater.

An orphaned 750-gallon underground storage tank (UST) was removed from the north end of the Illinois Railway easements on July 26, 2012.

The 2012 Voluntary ESA activities focused on the Areas of Concern (AOCs) identified in the previous investigations and historic maps. These investigations indicated AOCs in connection with the Site based on historic use. Six borings were completed in the area of the 750-gallon UST removal. Five borings were completed in the area of the June 2012 diesel spill (SRA area) along the Illinois Railway. There were no exceedance of the TACO Tier 1 industrial/commercial SROs for BTEX or PNAs.

The August 2012 Voluntary ESA also focused on the area surrounding GZA boring GP-3 which had indicated elevated BTEX concentrations. Eleven borings were advanced to 20 feet bgs in the WS Area (area around

GP-3) as indicated on **Figure 2**. Samples collected within the WS Area were submitted for analysis of BTEX and polynuclear aromatic hydrocarbons (PNAs) since there was a gas station located west across Route 71 and historically there was oil storage areas along the west side of Route 71. In addition, four samples with elevated photoionization detector (PID) readings were analyzed for TPH. A temporary well was placed and developed within the downgradient location.

- There were no exceedances of the TACO Tier 1 industrial/commercial ingestion or inhalation SROs for BTEX or PNAs.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SRO at two (2), four (4), and one (1) sample location, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: benzene, ethylbenzene, and xylenes. Benzene migration to groundwater exceedances was identified at one (1) soil boring; however, seven (7) boring locations indicated detection limits for benzene greater than the migration to groundwater SRO because of high concentrations of other target compounds. Ethylbenzene migration to groundwater exceedances was identified at two (2) soil boring locations. Xylenes migration to groundwater exceedances was identified at two (2) soil boring locations.
- TPH was detected in two (2) of the four (4) samples, collected, WS-2-3 and WS-10-1. The characteristics of the constituents present do not resemble the diesel fuel standard (i.e., the heavier chain hydrocarbons typically comprising diesel fuel are not present).
- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

CDM Smith also conducted a limited groundwater investigation at the Site in 2012. One (1) groundwater monitoring well was installed to an approximate depth of 18.5 feet at the furthest east or down-gradient location within the WS Area. 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.

A second orphaned 500-gallon UST (UST #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 Office of the State Fire Marshal determined that there was a release. Subsequently, the site was issued leaking UST No. H20130463. Approximately 30 cubic yards of impacted soil was removed. Confirmatory samples indicated the west wall exceeded the SROs for BTEX.

A third orphaned UST (UST #3) was identified on railroad property in November 2013 upon completion of a geophysical survey and test pits. CDM Smith provided oversight for the removal of the 500-gallon UST on December 12, 2013. The analytical results confirmed the Office of the State Fire Marshal's findings of no release. Piping was determined to run from UST #2 and UST #3 to a central fill location between the two. Confirmatory samples indicated elevated BTEX levels associated with the piping from UST#2.

Current Investigation

The current investigation is being performed pursuant to an Administrative Order on Consent with the U.S. Environmental Protection Agency (EPA Docket No. 05-2013-0014).

The 2013 Investigation focused on the WS Area. Eleven borings were advanced to a maximum depth of 25 feet bgs on December 19 and 20, 2013. **Figure 3** illustrates the sample locations. Samples collected were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), total lead, and pH. The analytical results are summarized in Tables 1-3.

- There were no exceedances of the TACO Tier 1 industrial/commercial ingestion SROs for VOCs, SVOCs, or lead.
- Ethylbenzene and xylenes were detected at concentrations greater than the TACO Tier 1 industrial/commercial inhalation SROs at one (1) and three (3) soil boring locations, respectively.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SRO at four (4), seven (7), and three (3) soil boring locations, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: ethylbenzene, toluene, xylenes, naphthalene, and 2-methylnaphthalene. Exceedance of the migration to groundwater pathway for ethylbenzene was identified at five (5) soil boring locations. Toluene migration to groundwater exceedances was identified at one (1) soil boring locations. Xylenes migration to groundwater exceedances was identified at five (5) soil boring locations. Naphthalene migration to groundwater exceedances was identified at two (2) soil boring locations. 2-methylnaphthalene migration to groundwater exceedances was identified at three (3) soil boring locations. Six (6) boring locations indicated detection limits for benzene greater than the migration to groundwater SRO because of high concentrations of other target compounds.
- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.
- **Figure 5** displays proposed monitoring well locations that are planned for installation during the next phase of the investigation.

Section 1
Introduction

1.1 Introduction

This report presents the results of the Site Investigation conducted by CDM Smith Inc. (CDM Smith) on behalf of the Illinois Railway, LLC (IR) for the IR easements located in Wedron, Illinois. Within this report, the easements are referred to as the Site. The Site location is shown on **Figure 1**. The Site is located in a mixed industrial/commercial and residential land use area.

The primary objective of the Site Investigation is to assess potential soil contamination associated with the historical use of the Site.

This report presents the field investigation methods and procedures, results of the field investigation, conclusions, and recommendations.

1.2 Site Description

The main line that runs north-south through Wedron, Illinois and easements/spurs are owned by Illinois Railway. The Fairmount Minerals subsidiaries, Wedron Silica and Technisand Wedron, operate the easements/spurs. Wedron Silica operates the sand mining operation at the south end of town, with the main processing facility located south of County Highway 21. The Technisand Wedron facility is located north of Highway 21. The investigation focused on an area of the railroad right-of-way approximately 70 feet by 1,000 feet. See **Figure 1**.

1.3 Previous Investigations

The Illinois Railway easements were formerly owned by the Burlington North Santa Fe (BNSF) Railway Company. The easements were previously developed with multiple grain silos, including W.D. Grain Company.

GZA GeoEnvironmental, Inc. (GZA) completed a Shallow Subsurface Investigation in April 2012 along the west side of the existing Technisand Rail Siding Load Out at the Fairmount Minerals/Wedron Silica Co. property. This area was part of a new railroad siding construction project. Twenty borings were completed to 6 feet bgs along an 850-foot portion in the area for the proposed railroad sidings to identify potential residual contaminants from historic operations. Analyses included BTEX and total petroleum hydrocarbons (TPH) as gasoline range organics (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 as GRO was detected in GP-1, GP-3, and GP-5. Benzene was detected in GP-3 above the TACO Tier 1 soil component of groundwater ingestion exposure route for Class I and Class II groundwater.

An orphaned 750-gallon underground storage tank (UST) was removed from the north end of the Illinois Railway easements in July 2012.

The 2012 Voluntary ESA activities focused on the Areas of Concern (AOCs) identified in the previous investigations and historic maps. These investigations indicated AOCs in connection with the Site based on historic use. Six borings were completed in the area of the 750-gallon UST removal. Five borings were completed in the area of the June 2012 diesel spill (SRA area) along the Illinois Railway. There were no exceedance of the TACO Tier 1 industrial/commercial SROs for BTEX or PNAs.

The August 2012 Voluntary ESA also focused on the area surrounding GZA boring GP-3 which had indicated elevated BTEX concentrations. Eleven borings were advanced to 20 feet bgs in the WS Area (area around GP-3) as indicated on **Figure 2**. Samples collected within the WS Area were submitted for analysis of BTEX and polynuclear aromatic hydrocarbons (PNAs) since there was a gas station located west across Route 71 and historically there was oil storage areas along the west side of Route 71. In addition, four samples with elevated photoionization detector (PID) readings were analyzed for TPH. A temporary well was placed and developed within the downgradient location.

- There were no exceedances of the TACO Tier 1 industrial/commercial ingestion or inhalation SROs for BTEX or PNAs.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SRO at two (2), four (4), and one (1) sample location, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: benzene, ethylbenzene, and xylenes. Benzene migration to groundwater exceedances was identified at one (1) soil boring; however, seven (7) boring locations indicated detection limits for benzene greater than the migration to groundwater SRO because of high concentrations of other target compounds. Ethylbenzene migration to groundwater exceedances was identified at two (2) soil boring locations. Xylenes migration to groundwater exceedances was identified at two (2) soil boring locations.
- TPH was detected in two (2) of the four (4) samples, collected, WS-2-3 and WS-10-1. The characteristics of the constituents present do not resemble the diesel fuel standard (i.e., the heavier chain hydrocarbons typically comprising diesel fuel are not present).
- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

CDM Smith also conducted a limited groundwater investigation at the Site in 2012. One (1) groundwater monitoring well was installed to an approximate depth of 18.5 feet at the furthest east or down-gradient location within the WS Area. 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.

A second orphaned 500-gallon UST (UST #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 Office of the State Fire Marshal determined that there was a release. Subsequently, the site was issued leaking UST No. H20130463. Approximately 30 cubic yards of impacted soil was removed. Confirmatory samples indicated the west wall exceeded the SROs for BTEX.

A third orphaned UST (UST #3) was identified on railroad property in November 2013 upon completion of a geophysical survey and test pits. CDM Smith provided oversight for the removal of the 500-gallon UST on December 12, 2013. The analytical results confirmed the Office of the State Fire Marshal's findings of no release. Piping was determined to run from UST #2 and UST #3 to a central fill location between the two. Confirmatory samples indicated elevated BTEX levels associated with the piping from UST#2.

1.4 Scope of Work

The objective of the Site Investigation was to determine if historical uses of the Site has impacted the Site in exceedance of the industrial/commercial standards of the Illinois Environmental Protection Agency's

(IEPA) Tiered Approach to Corrective Action Objectives (TACO) guidelines (35 IAC 742). The primary focus of this Voluntary ESA was to investigate the potential impacts from former Site operations, past releases, and potential offsite sources.

CDM Smith completed the following tasks as part of the Site Investigation:

1. Prepared a Site-specific health and safety plan for work to be performed at the facility.
2. Coordinated a public utility location prior to the subsurface investigation.
3. Performed soil sampling at 11 locations at the Site to assess potential contamination in subsurface soils.
4. Prepared this Site Investigation report.

This report is divided into five sections, including this introduction (Section 1). The remaining sections contain the following information:

- **Section 2**: Methods and procedures used during the Site investigation.
- **Section 3**: Results of the Site investigation.
- **Section 4**: Conclusions.
- **Section 5**: References used to prepare this report.

Section 2
Field Investigation Methods & Procedures

2.1 Methods and Procedures

CDM Smith performed Site investigation activities at the Site on December 19 and 20, 2013. The purpose of the Site investigation was to obtain data to identify and assess environmental conditions at the Site. The following sections describe the investigation activities.

Before drilling was conducted, public utilities were notified using the Joint Utility Locating Information for Excavators (JULIE) service to identify and mark known underground utilities.

Eleven (11) soil borings were completed using a direct-push drilling rig (geoprobe) at the locations shown in **Figure 2**. Soil was collected continuously in 5-foot intervals to depths ranging from 17 to 25 feet bgs. Subsurface soils were collected by driving a stainless steel barrel, lined with a disposable acetate liner, into the subsurface. Upon removal of the stainless steel barrel, the acetate liner was removed and cut open for characterization and sampling. A geologist classified soils according to the Unified Soil Classification System (USCS) and recorded soil boring details. The boring logs are included in **Appendix A**. Soils were field screened for volatile organic compounds (VOC) with a photoionization detector (PID) as summarized in the boring logs provided as **Appendix A**. Elevated PID readings greater than 50 parts per million (ppm) were detected in 9 of the 11 borings. Two samples were collected from each boring based on the field screening results. All sampling and down-hole equipment was decontaminated prior to use and in between samples using an Alconox® wash followed by a distilled water rinse. After completing the soil borings, the boreholes were abandoned using surplus soil.

Soil was placed into laboratory-supplied containers that were logged, property labeled, placed in iced coolers, and delivered to TestAmerica using standard chain-of-custody procedures. VOC analysis was conducted using USEPA Method 8260B, lead using USEPA Methods 6010B, and SVOCs using USEPA Method 8270D.

Soil samples analyzed for VOCs were collected in accordance with USEPA Methods 5035. Laboratory analytical reports and chain-of-custody forms are provided in **Appendix B**.

2.2 Laboratory Analysis

Soil and groundwater samples were submitted to TestAmerica of University Park, Illinois, an IEPA-accredited laboratory, for analysis using standard chain-of-custody procedures. Upon arrival, the laboratory checked that the samples were properly labeled, correctly stored, and sample containers were correctly preserved. The laboratory performed analysis of the samples using methods established by the USEPA, and followed established quality assurance/quality control procedures.

2.3 Quality Assurance/Quality Control

CDM Smith prepared a Field Sampling Quality Assurance Project Plan (QAPP) approved by the EPA prior to initiating fieldwork. Soil samples were collected and stored in accordance with general ASTM procedures for environmental sampling. These procedures included calibration field instruments (PID) and storing samples in a cooled environment to preserve the integrity of the samples.

Quality control samples were collected in the field, including field duplicates, trip blanks, and matrix spike/matrix spike duplicates (MS/MSD).

TestAmerica is an IEPA-accredited analytical laboratory. TestAmerica followed the Quality Assurance/Quality Control (QA/QC) procedures set forth for each analytical method in USEPA SW-846 (USEPA, 1996) as well as their own established QA/QC procedures.

Section 3
Results of the Field Investigation

3.1 Surface and Subsurface Conditions

The following descriptions of the surface and subsurface conditions at the Site are based on field observations and the boring logs (refer to **Appendix A**) created during this investigation.

The surficial geology consists of approximately 2-5 feet of gravelly or silty sand overlying sandy and clayey silts. Sand and gravel seams were observed throughout. Sandstone was encountered in this area at approximately 18 to 20 feet bgs. Depth to groundwater was 17-20 feet bgs in 7 of the 11 borings. The two borings along the railroad tracks (GP-04 and GP-07) encountered groundwater at 14.5 and 10 feet bgs, respectively. The northern two borings (GP-09 and GP-10) encountered groundwater at 10 and 13.5 feet bgs, respectively.

Soil borings GP-09 and GP-10 had PID readings of 3 and 14 parts per billion, respectively. The remaining nine (9) borings had PID readings greater than 50 ppm, with soil borings GP-02, GP-03, GP-05, GP-06, GP-07, and GP-11 exceeding 490 ppm. The highest readings were generally between 14-20 feet bgs.

3.2 Analytical Soil Results

A total of 22 soil samples were analyzed at the laboratory. The complete laboratory report is provided in **Appendix B**. Results were compared to the proposed Tier 1 soil remediation objectives (SRO) from Illinois TACO regulations (35 IAC 742) for the industrial/commercial scenario. The TACO regulations outline procedures to develop remediation objectives for soil and groundwater based on risks to human health, taking into account the existing pathways for human exposure and the current and future use of the Site. The methodology consists of a three-tiered approach for establishing remediation objectives.

This review for the Site was conducted under TACO Tier 1, which considers limited Site-specific information and specifies generic remediation objectives based on simple and conservative numeric models. Tier 1 SROs are pre-determined remediation objectives established by the IEPA using toxicological and chemical specific parameters. The soil sample results were compared to Tier 1 SROs for the ingestion, inhalation for industrial/commercial scenarios and the soil component of the groundwater ingestion exposure routes for Class I and Class II groundwater. A summary of soil analytical results compared to the Tier 1 SROs are provided in **Table 2**.

- There were no exceedances of the TACO Tier 1 industrial/commercial ingestion SROs for VOCs, SVOCs, or lead.
- Ethylbenzene and xylenes were detected at concentrations greater than the TACO Tier 1 industrial/commercial inhalation SROs at one (1) and three (3) soil boring locations, respectively.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SRO at four (4), seven (7), and three (3) soil boring locations, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: ethylbenzene, toluene, xylenes, naphthalene, and 2-methylnaphthalene. Exceedance of the migration to

groundwater pathway for ethylbenzene was identified at five (5) soil boring locations. Toluene migration to groundwater exceedances was identified at one (1) soil boring locations. Xylenes migration to groundwater exceedances was identified at five (5) soil boring locations. Naphthalene migration to groundwater exceedances was identified at two (2) soil boring locations. 2-methylnaphthalene migration to groundwater exceedances was identified at three (3) soil boring locations. Six (6) boring locations indicated detection limits for benzene greater than the migration to groundwater SRO because of high concentrations of other target compounds.

- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

Section 4
Conclusions

This report presents the findings of the Site Investigation completed at the Illinois Railway easements property located in Wedron, Illinois. As part of the Site Investigation, CDM Smith performed a subsurface soil investigation on December 19-20, 2013.

The subsurface investigation included the collection of 22 soil samples from a total of 11 soil borings. The samples were analyzed for VOCs, SVOCs, or total lead. CDM Smith compared soil sample analytical results to the IEPA's TACO SROs for the industrial/commercial exposure route. CDM Smith's subsurface soil investigation identified the following results.

- There were no exceedances of the TACO Tier 1 industrial/commercial ingestion SROs for VOCs, SVOCs, or lead.
- Ethylbenzene and xylenes were detected at concentrations greater than the TACO Tier 1 industrial/commercial inhalation SROs at one (1) and three (3) soil boring locations, respectively.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SRO at four (4), seven (7), and three (3) soil boring locations, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: ethylbenzene, toluene, xylenes, naphthalene, and 2-methylnaphthalene. Exceedance of the migration to groundwater pathway for ethylbenzene was identified at five (5) soil boring locations. Toluene migration to groundwater exceedances was identified at one (1) soil boring locations. Xylenes migration to groundwater exceedances was identified at five (5) soil boring locations. Naphthalene migration to groundwater exceedances was identified at two (2) soil boring locations. 2-methylnaphthalene migration to groundwater exceedances was identified at three (3) soil boring locations. Six (6) boring locations indicated detection limits for benzene greater than the migration to groundwater SRO because of high concentrations of other target compounds.
- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

Figure 5 displays proposed monitoring well locations that are planned for installation during the next phase of the investigation. CDM Smith recommends additional investigation to determine the extent of impacted soil and groundwater located on Illinois Railway property.

Section 5
References

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Figures

CDM Smith

0 50 100 200 Feet

Historical Structures

Property Boundary

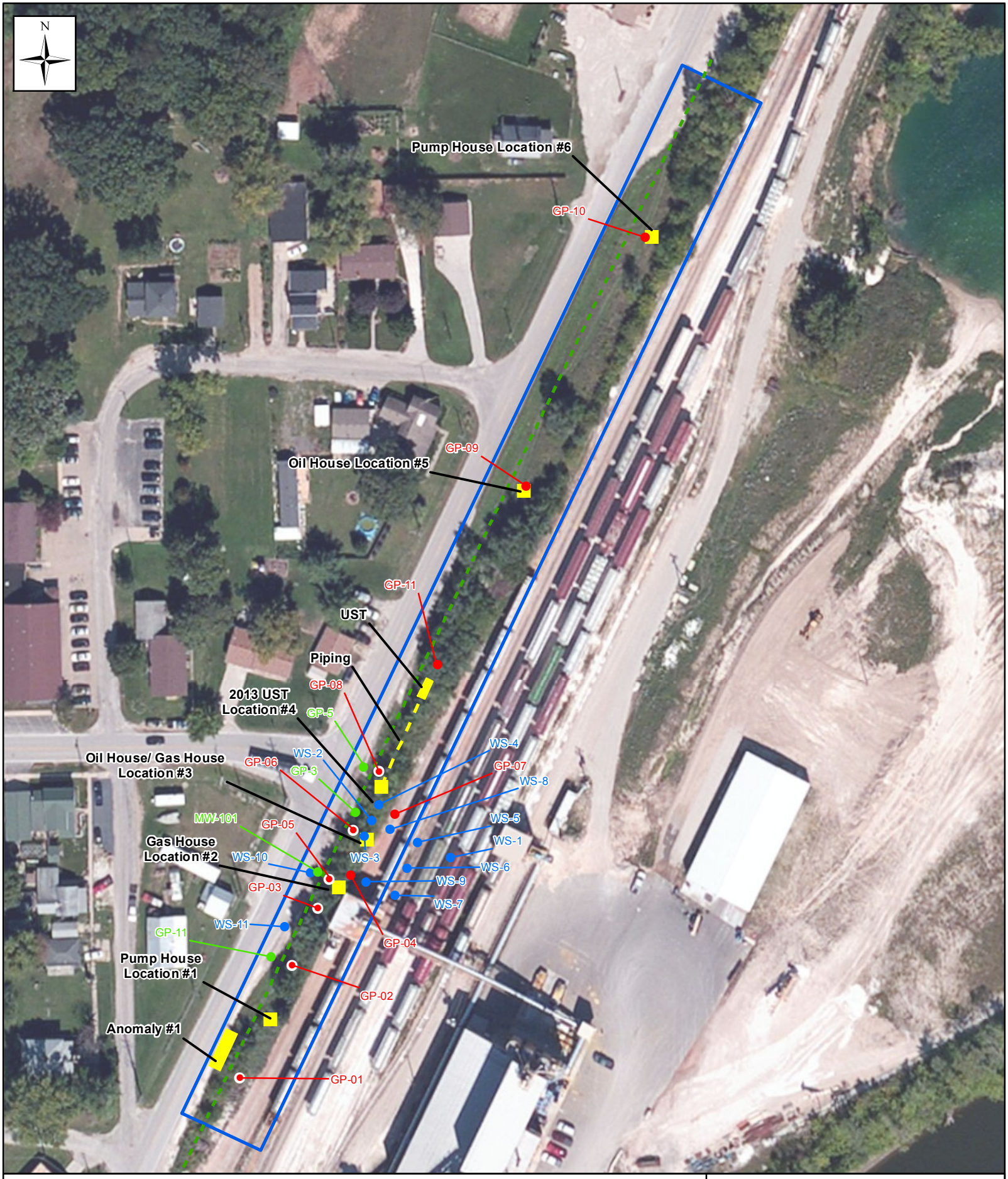
Geophysical Area

Figure 1

Site Location Map

Illinois Railway Property

Wedron, IL



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0 25 50 100 Feet

Existing Boring (GP-3)

CDM Smith 2012 Boring (WS-01)

CDM Smith 2013 Boring (GP-01)

Historical Structures

Property Boundary

Geophysical Area

Figure 2

Sample Location Map

Illinois Railway Property

Wedron, IL

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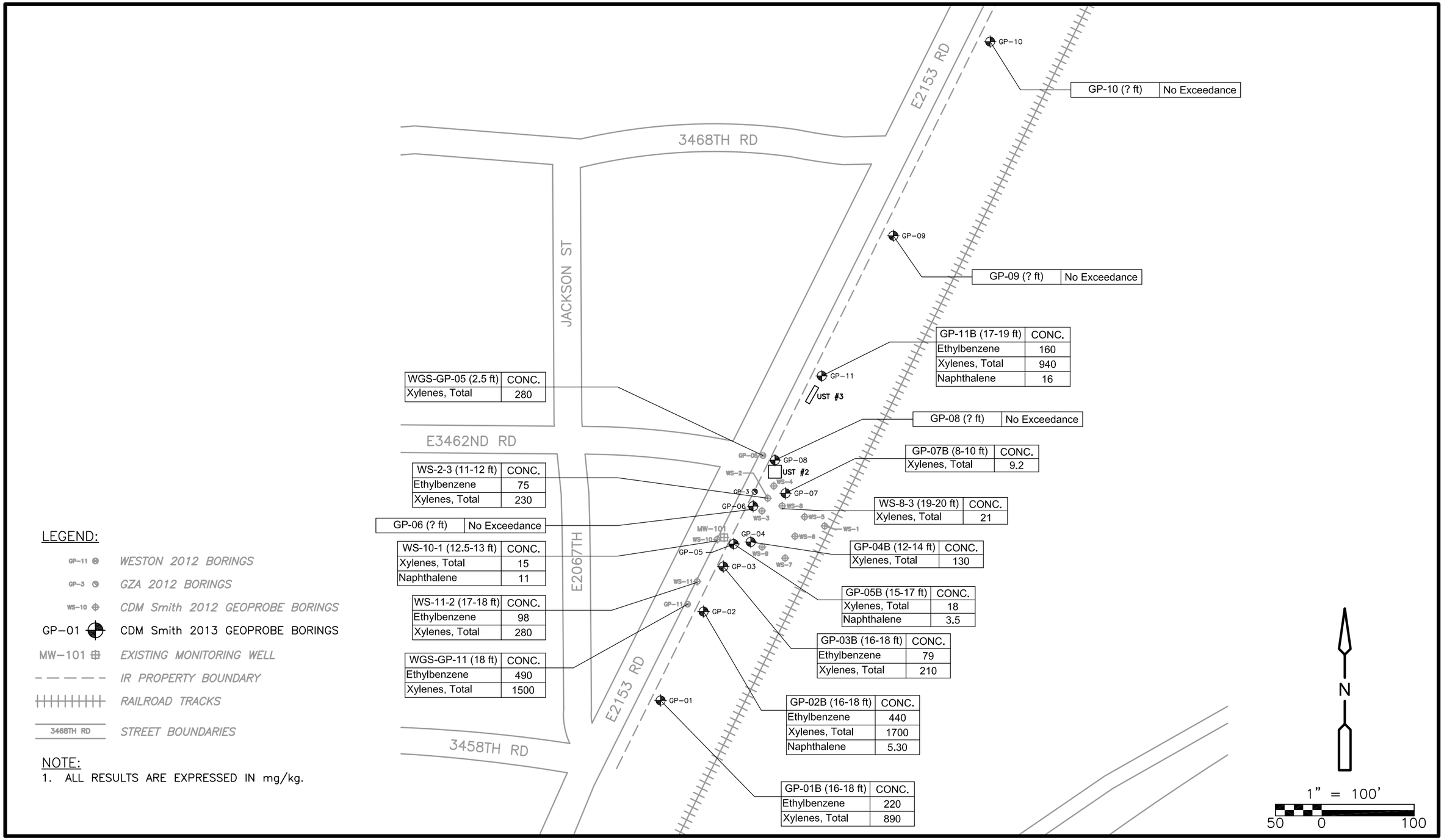

LEGEND:

- GP-11 — WESTON 2012 BORINGS
- GP-3 — GZA 2012 BORINGS
- WS-10 — CDM Smith 2012 GEOPROBE BORINGS
- GP-01 — CDM Smith 2013 GEOPROBE BORINGS
- MW-101 — EXISTING MONITORING WELL
- IR PROPERTY BOUNDARY
- RAILROAD TRACKS
- 3468TH RD — STREET BOUNDARIES

NOTE:
1. ALL RESULTS ARE EXPRESSED IN mg/kg.

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FIGURE 3
TACO TIER 1 INDUSTRIAL/COMMERCIAL SRO EXCEEDANCES FOR INHALATION
ILLINOIS RAILWAY PROPERTY
WEDRON, IL

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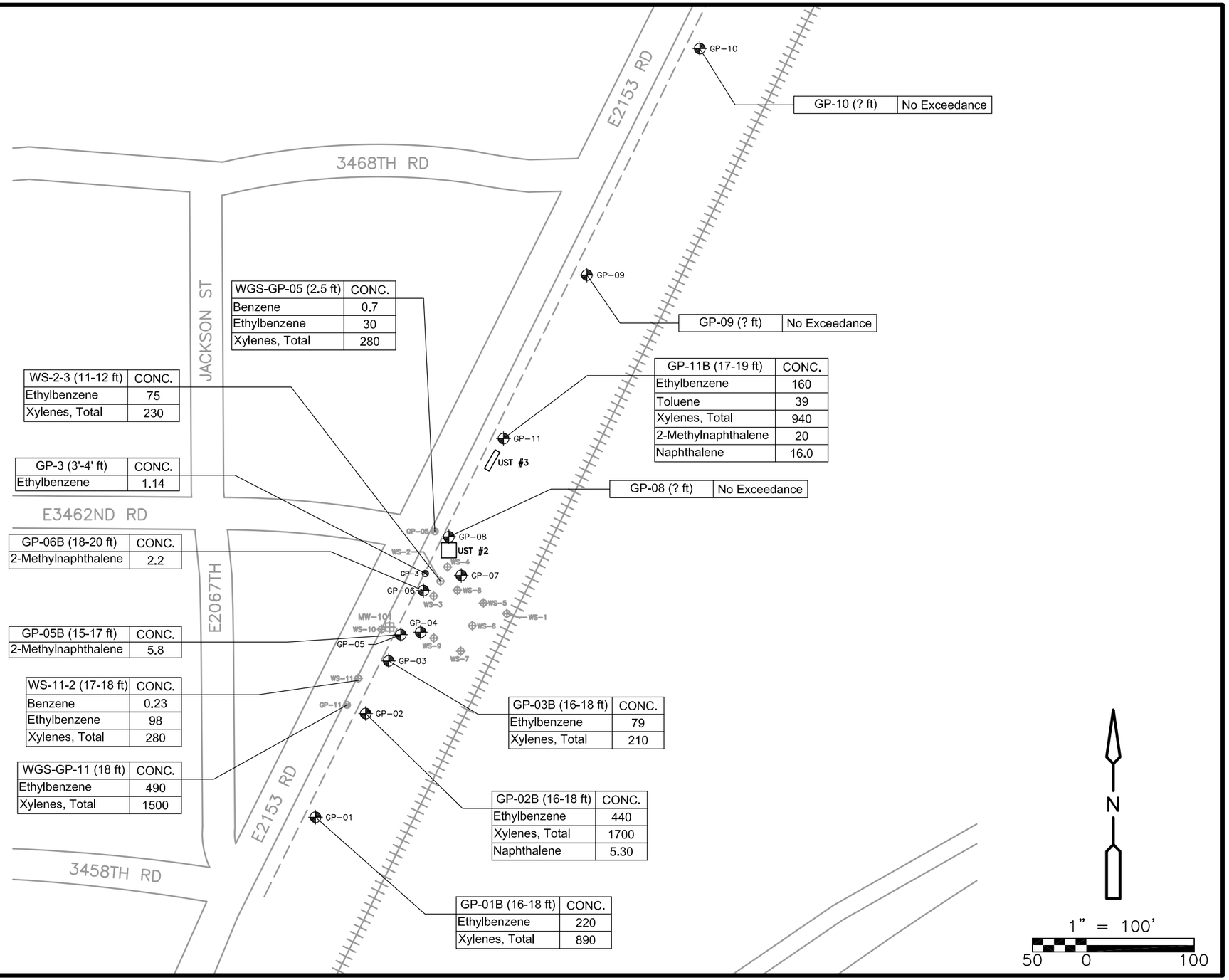

WGS-GP-05 (2.5 ft)	CONC.
Benzene	0.7
Ethylbenzene	30
Xylenes, Total	280

WS-2-3 (11-12 ft)	CONC.
Ethylbenzene	75
Xylenes, Total	230

GP-3 (3'-4' ft)	CONC.
Ethylbenzene	1.14

GP-06B (18-20 ft)	CONC.
2-Methylnaphthalene	2.2

GP-05B (15-17 ft)	CONC.
2-Methylnaphthalene	5.8

WS-11-2 (17-18 ft)	CONC.
Benzene	0.23
Ethylbenzene	98
Xylenes, Total	280

WGS-GP-11 (18 ft)	CONC.
Ethylbenzene	490
Xylenes, Total	1500

GP-11B (17-19 ft)	CONC.
Ethylbenzene	160
Toluene	39
Xylenes, Total	940
2-Methylnaphthalene	20
Naphthalene	16.0

GP-03B (16-18 ft)	CONC.
Ethylbenzene	79
Xylenes, Total	210

GP-02B (16-18 ft)	CONC.
Ethylbenzene	440
Xylenes, Total	1700
Naphthalene	5.30

GP-01B (16-18 ft)	CONC.
Ethylbenzene	220
Xylenes, Total	890

LEGEND:

- GP-11 — *WESTON 2012 BORINGS*
- GP-3 — *GZA 2012 BORINGS*
- WS-10 — *CDM Smith 2012 GEOPROBE BORINGS*
- GP-01 — CDM Smith 2013 GEOPROBE BORINGS
- MW-101 — *EXISTING MONITORING WELL*
- *IR PROPERTY BOUNDARY*
- *RAILROAD TRACKS*
- 3468TH RD — *STREET BOUNDARIES*

NOTE:
1. ALL RESULTS ARE EXPRESSED IN mg/kg.

CDM Smith

FIGURE 4
TACO TIER 1 SOIL MIGRATION TO CLASS I/II GROUNDWATER EXCEEDANCES
ILLINOIS RAILWAY PROPERTY
WEDRON, IL

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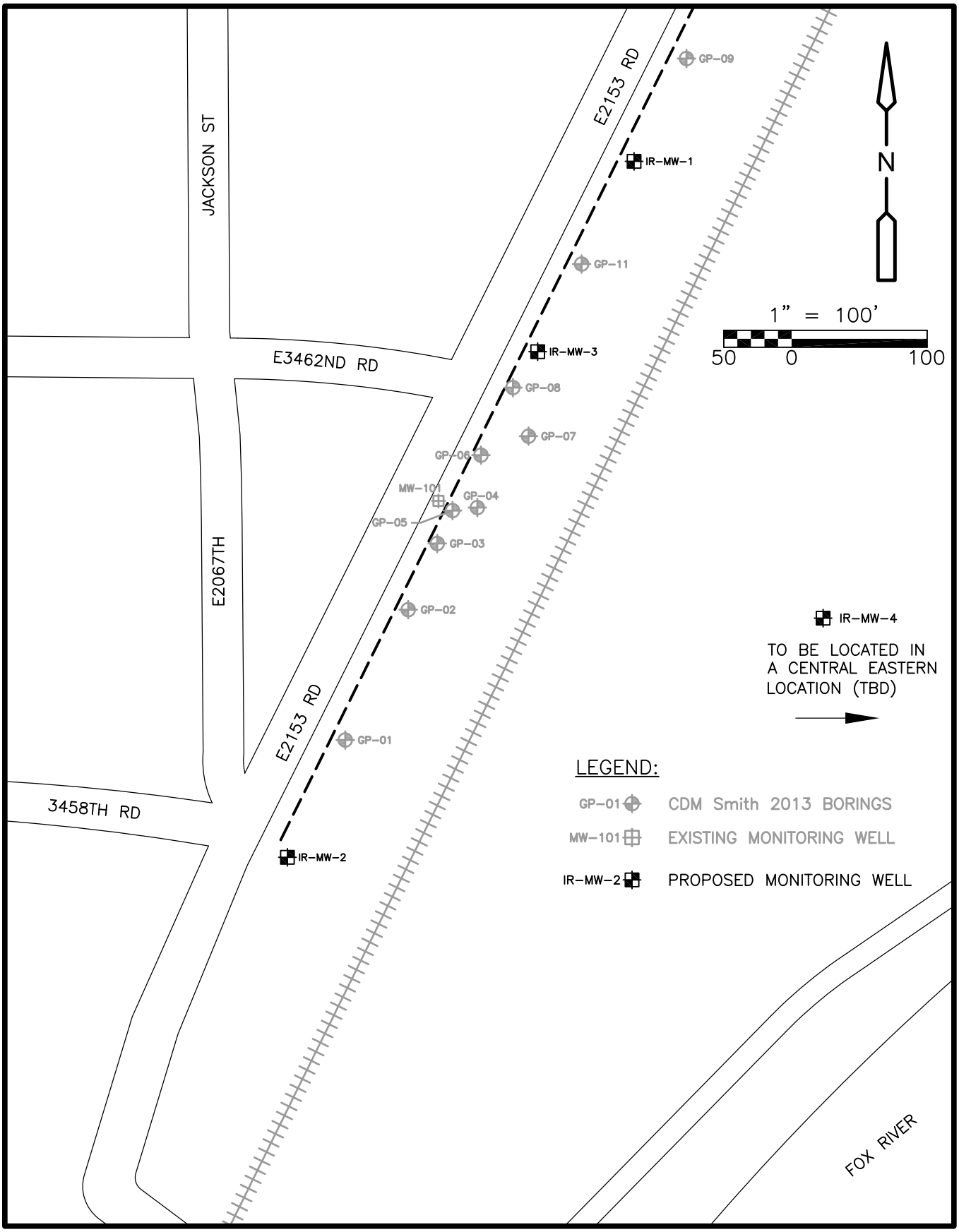

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FIGURE 5
PROPOSED MONITORING WELL LOCATION MAP
ILLINOIS RAILWAY PROPERTY
WEDRON, IL

Tables

Table 1
Illinois Railway Property, Wedron IL
Soil Analytical Results Summary
Volatile Organic Compounds (12/19-20/2014)

Analytical Results for Soil Samples	Exposure Routes for Specific SROs																															
	Industrial/Commercial				Construction																											
	Ingestion	Inhalation	Class I	Class II	Ingestion	Inhalation	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-04A (8-10')	GP-04B (12-14')	GP-05A (8-10')	GP-05B (15-17')	GP-06A (8-10')	GP-06B (18-20')	GP-06B (18-20')D	GP-07A (4-6')	GP-07B (8-10')	GP-07B (8-10')D	GP-08A (8-10')	GP-08B (13-15')	GP-09A (5-7')	GP-09B (8-10')	GP-10A (0-3')	GP-10B (11-13')	GP-11A (8-10')	GP-11B (17-19')	GP-11B (17-19')D
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13
1,1,1-Trichloroethane	NRO	1200	2	9.6	NRO	1200	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,1,2,2-Tetrachloroethane	8200	2000	0.22	0.22	2000	2000	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,1,2-Trichloroethane	8200	1800	0.02	0.3	8200	1800	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,1-Dichloroethane	200000	1700	23	110	200000	130	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,1-Dichloroethene	100000	470	0.06	0.3	10000	3	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,2-Dichloroethane	63	0.7	0.02	0.1	1400	0.99	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,2-Dichloropropane	84	23	0.03	0.15	1800	0.5	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
1,3-Dichloropropene, Total	57	2.1	0.004	0.02	1200	0.39	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
2-Hexanone	NRO	NRO	NRO	NRO	NRO	NRO	<0.0046	<2.8	<0.0045	<25	<0.0048	<0.56	<0.0051	<28	<0.0048	<0.23	<0.0053	<2.7	<2.5	<32	<30	<0.25	<0.0047	<0.24	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.57	<2.9
Acetone	NRO	100000	25	25	NRO	100000	0.0049	<2.8	0.021	<25	0.011	<0.56	<0.0051	<28	0.022	<0.23	0.028	<2.7	<2.5	<32	<30	<0.25	0.0069	<0.24	<0.0050	<0.0050	0.0076	0.019	0.012	<0.57	<2.9
Benzene	100	1.6	0.03	0.17	2300	2.2	<0.0046	<0.14	<0.0045	<1.3	<0.0048	<0.028	<0.0051	<1.4	<0.0048	<0.012	<0.0053	<0.13	<0.13	<1.6	<1.5	<0.012	<0.0047	<0.012	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.029	<0.14
Bromodichloromethane	92	3000	0.6	0.6	2000	3000	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
Bromoform	720	100	0.8	0.8	16000	140	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
Bromomethane	2900	15	0.2	1.2	1000	3.9	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
Carbon disulfide	200000	720	32	160	20000	9	<0.0046	<2.8	<0.0045	<25	<0.0048	<0.56	<0.0051	<28	<0.0048	<0.23	<0.0053	<2.7	<2.5	<32	<30	<0.25	<0.0047	<0.24	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.57	<2.9
Carbon tetrachloride	44	0.64	0.07	0.33	410	0.9	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Chlorobenzene	41000	210	1	6.5	4100	1.3	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Chloroethane	NRO	1500	NRO	NRO	NRO	97	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
Chloroform	940	0.54	0.6	2.9	2000	0.76	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Chloromethane	NRO	180	NRO	NRO	NRO	11	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
cis-1,2-Dichloroethene	20000	1200	0.4	1.1	20000	1200	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
cis-1,3-Dichloropropene	NRO	NRO	NRO	NRO	NRO	NRO	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Dibromochloromethane	41000	1300	0.4	0.4	41000	1300	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
Ethylbenzene	200000	400	13	19	20000	58	<0.0046	**220**	<0.0045	**440**	<0.0048	**79**	0.028	**51**	<0.0048	5.8	<0.0053	0.9	0.24	<1.6	8.4	3.7	<0.0047	2.4	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	**160**	**65**
Methyl Ethyl Ketone	1000000	21000	17	17	120000	140	<0.0046	<2.8	<0.0045	<25	<0.0048	<0.56	<0.0051	<28	0.0054	<0.23	0.0072	<2.7	<2.5	<32	<30	<0.25	<0.0047	<0.24	<0.0050	<0.0050	<0.0051	0.0056 J	<0.0052	<0.57	<2.9
methyl isobutyl ketone	NRO	3100	NRO	NRO	NRO	340	<0.0046	<2.8	<0.0045	<25	<0.0048	<0.56	<0.0051	<28	<0.0048	<0.23	<0.0053	<2.7	<2.5	<32	<30	<0.25	<0.0047	<0.24	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.57	<2.9
Methyl tert-butyl ether	20000	8800	0.32	0.32	2000	140	<0.0046	<1.1	<0.0045	<10	<0.0048	<0.22	<0.0051	<11	<0.0048	<0.093	<0.0053	<1.1	<1.0	<13	<12	<0.099	<0.0047	<0.094	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.23	<1.1
Methylene Chloride	760	24	0.02	0.2	12000	34	<0.0046	<2.8	<0.0045	<25	<0.0048	<0.56	<0.0051	<28	<0.0048	<0.23	<0.0053	<2.7	<2.5	<32	<30	<0.25	<0.0047	<0.24	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.57	<2.9
Styrene	410000	1500	4	18	41000	430	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Tetrachloroethene	110	20	0.06	0.3	2400	28	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Toluene	410000	650	12	29	410000	42	<0.0046	4.6	<0.0045	6.1	<0.0048	1.8	0.0043 J	<1.4	<0.0048	0.13	0.0030 J	0.17	<0.13	<1.6	<1.5	0.016	<0.0047	0.027	<0.0050	<0.0050	<0.0051	0.0037 J	0.0033 J	**39**	4.2
trans-1,2-Dichloroethene	41000	3100	0.7	3.4	41000	3100	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
trans-1,3-Dichloropropene	NRO	NRO	NRO	NRO	NRO	NRO	<0.0046	<0.55	<0.0045	<5.1	<0.0048	<0.11	<0.0051	<5.7	<0.0048	<0.047	<0.0053	<0.53	<0.51	<6.5	<6.1	<0.049	<0.0047	<0.047	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.11	<0.57
Trichloroethene	520	8.9	0.06	0.3	1200	12	<0.0046	<0.28	<0.0045	<2.5	<0.0048	<0.056	<0.0051	<2.8	<0.0048	<0.023	<0.0053	<0.27	<0.25	<3.2	<3.0	<0.025	<0.0047	<0.024	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.057	<0.29
Vinyl chloride	7.9	1.1	0.01	0.07	170	1.1	<0.0046	<0.14	<0.0045	<1.3	<0.0048	<0.028	<0.0051	<1.4	<0.0048	<0.012	<0.0053	<0.13	<0.13	<1.6	<1.5	<0.012	<0.0047	<0.012	<0.0050	<0.0050	<0.0051	<0.0057	<0.0052	<0.029	<0.14
Xylenes, Total	410000	320	150	150	41000	5.6	<0.0092	**890**	<0.0089	**1700**	<0.0096	**210**	0.067	130	<0.0096	18	<0.011	1.5	0.44	<3.2	9.2	5.3	<0.0095	4.1	<0.010	<0.010	<0.010	<0.011	<0.010	**940**	**310**

Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table B, C and D.
All results are mg/Kg and dry weight unless otherwise requested
NRO = (No Remediation Objective) was provided in table B, C or D in Title 35 Part 742
Class I and Class II SROs are based on Appendix B, Table B, where provided; pH specific values (Appendix B, Tables C and D), using the most conservative value; or background concentrations for counties outside metropolitan areas, Appendix A, Table G (per footnote m in Appendix B, Table B).
Non TACO analytes are italicized and limits are based on the Illinois EPA Toxicity Assessment Unit May 1, 2007.
Xylenes, Total is a calculated result in TALs by adding the m,p-Xylene and o-Xylene results.
Results that are Underlined indicate that the measured concentration exceeds an Industrial/Commercial Inhalation SRO.
Results that are Box outlined indicate that the measured concentration exceeds a Construction Worker inhalation SRO.
Results that are BOLD font indicate that the measured concentration exceeds a Class I SRO.
Results that are Shaded gray indicate that the measured concentration exceeds a Class II SRO.
Non-detect results (indicated by <) were not flagged as exceedance of SROs.

Table 2
Illinosi Railway Property, Wedron IL
Soil Analytical Results Summary
Semi-Volatile Organic Compounds (12/19-20/2014)

Analytical Results for Soil Samples	Exposure Routes for Specific SROs																															
	Industrial/Commercial				Construction Worker																											
	Ingestion	Inhalation	Class I	Class II	Ingestion	Inhalation	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-04A (8-10')	GP-04B (12-14')	GP-05A (8-10')	GP-05B (15-17')	GP-06A (8-10')	GP-06B (18-20')	GP-06B (18-20')D	GP-07A (4-6')	GP-07B (8-10')	GP-07B (8-10')D	GP-08A (8-10')	GP-08B (13-15')	GP-09A (5-7')	GP-09B (8-10')	GP-10A (0-3')	GP-10B (11-13')	GP-11A (8-10')	GP-11B (17-19')	GP-11B (17-19')D
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13
1,2,4-Trichlorobenzene	20000	3200	5	53	2000	920	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
1,2-Dichlorobenzene	180000	560	17	43	18000	310	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
1,3-Dichlorobenzene	NRO	NRO	NRO	NRO	NRO	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
1,4-Dichlorobenzene	NRO	17000	2	11	NRO	340	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2,2'-oxybis[1-chloropropane]	NRO	NRO	NRO	NRO	NRO	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2,4,5-Trichlorophenol	200000	NRO	26	26	200000	NRO	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
2,4,6-Trichlorophenol	520	390	0.07	0.07	11000	540	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
2,4-Dichlorophenol	6100	NRO	0.48	0.48	610	NRO	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
2,4-Dimethylphenol	41000	NRO	9	9	41000	NRO	<0.35	0.19 J	<0.36	<1.7	<0.36	0.40	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
2,4-Dinitrophenol	4100	NRO	0.2	0.2	410	NRO	<0.72	<0.75	<0.73	<3.5	<0.74	<0.75	<0.76	<0.71	<0.71	<3.6	<0.68	<0.73	<0.72	<0.80	<0.79	<0.72	<0.69	<0.70	<0.73	<0.73	<0.79	<0.69	<0.69	<0.74	<0.72
2,4-Dinitrotoluene	8.4	NRO	0.0008	0.0008	180	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2,6-Dinitrotoluene	8.4	NRO	0.0007	0.0007	180	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2-Chloronaphthalene	160000	NRO	49	240	160000	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2-Chlorophenol	10000	53000	1.5	1.5	10000	53000	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2-Methylnaphthalene	8200	NRO	1.9	9.5	820	NRO	<0.035	1.5	<0.036	**5.5 J+**	<0.036	1.8	<0.037	**5.2**	<0.035	**5.8**	<0.034	**2.2 J**	0.51 J	0.48	1.7	1.1	<0.034	0.29	<0.036	<0.036	0.035 J	<0.034	<0.034	**4.1 J**	**20 J**
2-Methylphenol	100000	NRO	15	15	100000	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2-Nitroaniline	6100	56	0.14	0.14	610	3.6	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
2-Nitrophenol	NRO	NRO	NRO	NRO	NRO	NRO	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
3 & 4 Methylphenol	10000	NRO	0.2	0.2	1000	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
3,3'-Dichlorobenzidine	13	NRO	0.007	0.033	280	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
3-Nitroaniline	610	400	0.01	0.01	61	26	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
4,6-Dinitro-2-methylphenol	200	NRO	NRO	NRO	820	NRO	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
4-Bromophenyl phenyl ether	NRO	NRO	NRO	NRO	NRO	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
4-Chloro-3-methylphenol	NRO	NRO	NRO	NRO	NRO	NRO	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
4-Chloroaniline	8200	NRO	0.7	0.7	820	NRO	<0.72	<0.75	<0.73	<3.5	<0.74	<0.75	<0.76	<0.71	<0.71	<3.6	<0.68	<0.73	<0.72	<0.80	<0.79	<0.72	<0.69	<0.70	<0.73	<0.73	<0.79	<0.69	<0.69	<0.74	<0.72
4-Chlorophenyl phenyl ether	NRO	NRO	NRO	NRO	NRO	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
4-Nitroaniline	6100	1600	0.1	0.1	610	110	<0.35	<0.37	<0.36	<1.7	<0.36	<0.37	<0.37	<0.35	<0.35	<1.8	<0.34	<0.36	<0.35	<0.39	<0.39	<0.36	<0.34	<0.35	<0.36	<0.36	<0.39	<0.34	<0.34	<0.36	<0.36
4-Nitrophenol	NRO	NRO	NRO	NRO	NRO	NRO	<0.72	<0.75	<0.73	<3.5	<0.74	<0.75	<0.76	<0.71	<0.71	<3.6	<0.68	<0.73	<0.72	<0.80	<0.79	<0.72	<0.69	<0.70	<0.73	<0.73	<0.79	<0.69	<0.69	<0.74	<0.72
Acenaphthene	120000	NRO	570	2900	120000	NRO	<0.035	0.012 J	<0.036	<0.17	<0.036	<0.037	<0.037	0.061	<0.035	<0.18	<0.034	0.032 J	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	0.026 J
Acenaphthylene	61000	NRO	85	420	61000	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	<0.035	<0.035	<0.18	<0.034	<0.036	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
Anthracene	610000	NRO	12000	59000	610000	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	0.05	<0.035	<0.18	<0.034	<0.036	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
Benzo[a]anthracene	8	NRO	2	8	170	NRO	<0.035	0.0089 J	<0.036	<0.17	<0.036	<0.037	<0.037	0.014 J	<0.035	<0.18	<0.034	0.028 J	0.012 J	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	0.013 J	<0.034	<0.034	<0.036	<0.036
Benzo[a]pyrene	0.98	NRO	8	82	17	NRO	<0.035	0.0090 J	<0.036	<0.17	<0.036	<0.037	<0.037	0.0070 J	<0.035	<0.18	<0.034	0.015 J	0.0088 J	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	0.012 J	<0.034	<0.034	<0.036	<0.036
Benzo[b]fluoranthene	8	NRO	5	25	170	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	0.0088 J	<0.035	<0.18	<0.034	0.021 J	0.0097 J	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	0.019 J	<0.034	<0.034	<0.036	<0.036
Benzo[g,h,i]perylene	61000	NRO	27000	130000	61000	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	0.012 J	<0.035	<0.18	<0.034	0.013 J	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
Benzo[k]fluoranthene	78	NRO	49	250	1700	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	<0.035	<0.035	<0.18	<0.034	<0.036	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
Bis(2-chloroethoxy)methane	NRO	NRO	NRO	NRO	NRO	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Bis(2-chloroethyl)ether	5	0.47	0.0004	0.0004	75	0.66	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Bis(2-ethylhexyl) phthalate	410	31000	3600	31000	4100	31000	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	0.26	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	0.063 J	<0.17	<0.18	<0.18
Butyl benzyl phthalate	410000	930	930	930	410000	930	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Carbazole	290	NRO	0.6	2.8	6200	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Chrysene	780	NRO	160	800	17000	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	0.0097 J	<0.035	<0.18	<0.034	0.018 J	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	0.018 J	<0.034	<0.034	<0.036	<0.036
Dibenz(a,h)anthracene	0.8	NRO	2	7.6	17	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	<0.035	<0.035	<0.18	<0.034	<0.036	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
Dibenzofuran	NRO	NRO	NRO	NRO	820	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Diethyl phthalate	1000000	2000	470	470	1000000	2000	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Dimethyl phthalate	NRO	NRO	NRO	NRO	NRO	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Di-n-butyl phthalate	200000	2300	2300	2300	200000	2300	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Di-n-octyl phthalate	41000	10000	10000	10000	4100	10000	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	0.63 J	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	0.12 J	0.073 J	<0.20	<0.17	<0.17	<0.18	<0.18
Fluoranthene	82000	NRO	4300	21000	82000	NRO	<0.035	0.021 J	<0.036	0.063 J+	<0.036	0.0090 J	<0.037	0.053	<0.035	<0.18	<0.034	0.12 J	0.040 J	0.029 J	0.013 J	0.019 J	<0.034	<0.035	<0.036	<0.036	0.027 J	<0.034	<0.034	<0.036	0.019 J
Fluorene	82000	NRO	560	2800	82000	NRO	<0.035	0.038	<0.036	0.12 J+	<0.036	0.020 J	<0.037	0.1	<0.035	0.15 J	<0.034	0.059	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	0.049
Hexachlorobenzene	4	1.8	2	11	78	2.6	<0.072	<0.075	<0.073	<0.35	<0.074	<0.075	<0.076	<0.071	<0.071	<0.36	<0.068	<0.073	<0.072	<0.080	<0.079	<0.072	<0.069	<0.070	<0.073	<0.073	<0.079	<0.069	<0.069	<0.074	<0.072
Hexachlorobutadiene	2000	150	2.2	11	200	72	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Hexachlorocyclopentadiene	14000	16	400	2200	14000	1.1	<0.72	<0.75	<0.73	<3.5	<0.74	<0.75	<0.76	<0.71	<0.71	<3.6	<0.68	<0.73	<0.72	<0.80	<0.79	<0.72	<0.69	<0.70	<0.73	<0.73	<0.79	<0.69	<0.69	<0.74	<0.72
Hexachloroethane	2000	NRO	0.5	2.6	2000	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Indeno[1,2,3-cd]pyrene	8	NRO	14	69	170	NRO	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	<0.035	<0.035	<0.18	<0.034	<0.036	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
Isophorone	410000	4600	8	8	410000	4600	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Naphthalene	41000	270	12	18	4100	1.8	<0.035	0.93	<0.036	5.3 J+	<0.036	1.6	<0.037	1.6	<0.035	3.5	<0.034	0.099	0.0085 J	0.31	0.55	0.57	<0.034	0.2	<0.036	<0.036	<0.039	<0.034	<0.034	2.2 J	**16 J**
Nitrobenzene	1000	140	0.1	0.1	1000	9.4	<0.035	<0.037	<0.036	<0.17	<0.036	<0.037	<0.037	<0.035	<0.035	<0.18	<0.034	<0.036	<0.035	<0.039	<0.039	<0.036	<0.034	<0.035	<0.036	<0.036	<0.039	<0.034	<0.034	<0.036	<0.036
N-Nitrosodi-n-propylamine	0.8	NRO	0.00005	0.00005	18	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
N-Nitrosodiphenylamine	1200	NRO	1	5.6	25000	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Pentachlorophenol	24	NRO	0.02	0.1	520	NRO	<0.72	<0.75	<0.73	<3.5	<0.74	<0.75	<0.76	<0.71	<0.71	<3.6	<0.68	<0.73	<0.72	<0.80	<0.79	<0.72	<0.69	<0.70	<0.73	<0.73	<0.79	<0.69	<0.69	<0.74	<0.72
Phenanthrene	61000	NRO	200	1000	61000	NRO	<0.035	0.1	<0.036	0.24 J+	<0.036	0.024 J	0.0082 J	0.25	<0.035	0.19	<0.034	0.19 J	0.035 J	0.074	0.045	0.04	<0.034	<0.035	<0.036	<0.036	0.032 J	<0.034	<0.034	0.041 J	0.23 J
Phenol	610000	NRO	100	100	61000	NRO	<0.18	<0.19	<0.18	<0.88	<0.18	<0.19	<0.19	<0.18	<0.18	<0.91	<0.17	<0.18	<0.18	<0.20	<0.20	<0.18	<0.17	<0.18	<0.18	<0.18	<0.20	<0.17	<0.17	<0.18	<0.18
Pyrene	61000	NRO	4200	21000	61000	NRO	<0.035	0.034 J	<0.036	0.10 J+	<0.036	<0.037	<0.037	0.068	<0.035	0.052 J	<0.034	0.088	0.033 J	0.018 J	0.0091 J	0.011 J	<0.034	<0.035	<0.036	<0.036	0.023 J	<0.034	<0.034	0.0081 J	0.025 J

Notes:
Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table B, C and D.
All results are mg/Kg and dry weight unless otherwise requested
Class I and Class II SROs are based on Appendix B, Table B, where provided; pH specific values (Appendix B, Tables C and D), using the most conservative value; or background concentrations for counties outside metropolitan areas, Appendix A, Table G (per footnote m in Appendix B, Table B).
NRO = (No Remediation Objective) was provided in tables.
Non TACO analytes are italicized and limits are based on the Illinois EPA Toxicity Assessment Unit May 1, 2007.
Estimated results that are reported between the MDL and RL (J flags) may be reported and are indicated with a flag.
3&4-Methylphenol do not separate analytically on the columns and are reported as combined analytes.
Results that are Box outlined indicate that the measured concentration exceeds a Construction Worker inhalation SRO.
Results that are BOLD font indicate that the measured concentration exceeds a Class I SRO.
Results that are Shaded gray indicate that the measured concentration exceeds a Class II SRO.
Non-detect results (indicated by <) were not flagged as exceedance of SROs.

Table 3
Illinois Railway Property, Wedron, IL
Soil Analytical Results Summary
Lead (12/19-20/2014)

Analytical Results for Soil Samples	Exposure Routes for Specific SROs																		
	Industrial/Commercial				Construction Worker														
	Ingestion	Inhalation	Class I	Class II	Ingestion	Inhalation	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-04A (8-10')	GP-04B (12-14')	GP-05A (8-10')	GP-05B (15-17')	GP-06A (8-10')	GP-06B (18-20')	GP-06B (18-20')D
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/19/13	12/19/13	12/19/13	12/19/13	12/19/13
Lead	800	NRO	20.9	20.9	700	NRO	6.2 J-	14 J-	3.6 J-	7.4 J-	4.1 J-	6.2 J-	7.9 J-	8.1 J-	3.3 J-	8.9 J-	2.6 J-	4.0 J-	4.7 J-

Analytical Results for Soil Samples	Exposure Routes for Specific SROs																	
	Industrial/Commercial				Construction Worker													
	Ingestion	Inhalation	Class I	Class II	Ingestion	Inhalation	GP-07A (4-6')	GP-07B (8-10')	GP-07B (8-10')D	GP-08A (8-10')	GP-08B (13-15')	GP-09A (5-7')	GP-09B (8-10')	GP-10A (0-3')	GP-10B (11-13')	GP-11A (8-10')	GP-11B (17-19')	GP-11B (17-19')D
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	12/20/13	12/20/13	12/19/13	12/19/13	12/19/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13	12/20/13
Lead	800	NRO	20.9	20.9	700	NRO	10 J-	11 J-	8.5 J-	2.5 J-	5.8 J-	5.1 J-	3.5 J-	18 J-	2.0 J-	2.3 J-	4.0 J-	7.6 J-

Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table B, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Class I and Class II SROs are based on background concentrations for counties outside metropolitan areas, Appendix A, Table G, per footnote m in Appendix B, Table B.
NRO = (No Remediation Objective) was provided in the tables.
Estimated results that are reported between the MDL and RL (J flags) may be reported and are indicated with a flag.
All lead data qualified as J- because of low matrix spike recoveries.

Table 4
Illinois Railway Property, Wedron, IL
Soil Analytical Results Summary
(CDM Smith 2012)

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		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-5-3 (10.5')	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')	WS-10-1 (12.5')	WS-11-1 (1.0')	WS-11-2 (17.0')
Analyte	Ingestion	Inhalation	Ingestion	Inhalation	**Class I**	Class II	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	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
Benzene	100	1.6	2,300	2.2	0.03	0.17	0.0012	< 0.0059	**< 0.1**	0.0023	0.0047	**< 0.099**	0.001	**< 0.12**	0.0038	**< 0.094**	0.0006	**< 0.11**	**0.058**	0.00044	**< 0.088**	**< 0.098**	0.00074	**0.23**
Toluene	410,000	650	410,000	42	12	29	0.0017	< 0.0059	0.25	0.0051	0.015	0.067	0.0013	< 0.29	0.0053	< 0.24	0.00092	< 0.27	0.34	< 0.0042	< 0.22	< 0.25	0.0024	1.6
Ethylbenzene	200,000	400	20,000	58	13	19	0.00047	< 0.0059	**75**	0.002	0.37	< 0.25	0.00048	0.014	0.002	0.05	< 0.005	0.072	0.85	< 0.0042	2.6	6.2	0.026	**98**
Xylenes, Total	410,000	320	41,000	5.6	150	150	0.0013	< 0.018	**230**	0.0045	0.66	0.064	0.0012	< 0.87	0.0034	0.098	0.00069	0.033	21	< 0.013	2.3	15	0.059	**280**
Acenaphthene	120,000	---	120,000	---	570	2,900	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	0.15	< 0.034	< 0.034	0.044
Acenaphthylene	610,000	---	610,000	---	85	420	0.024	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.02	0.062	< 0.034	< 0.034	< 0.036
Anthracene	610,000	---	610,000	---	12,000	59,000	0.022	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.037	0.083	0.073	< 0.034	0.037
Benz(a)anthracene	8	---	170	---	2	8	0.023	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.067	0.026	< 0.034	< 0.034	< 0.036
Benzo(a)pyrene	0.8	---	17	---	8	82	0.02	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.069	0.019	< 0.034	< 0.034	< 0.036
Benzo(b)fluoranthene	8	---	170	---	5	25	0.028	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.076	< 0.037	< 0.034	< 0.034	< 0.036
Benzo(g,h,i)perylene	610,000	---	610,000	---	27000	130000	0.021	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.084	0.021	< 0.034	< 0.034	< 0.036
Benzo(k)fluoranthene	78	---	1,700	---	49	250	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.074	< 0.037	< 0.034	< 0.034	< 0.036
Chrysene	780	---	17,000	---	160	800	0.025	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.092	0.022	< 0.034	< 0.034	< 0.036
Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	< 0.037	< 0.034	< 0.034	< 0.036
Fluoranthene	82,000	---	82,000	---	4,300	21,000	0.03	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.15	0.069	0.03	< 0.034	0.03
Fluorene	82,000	---	82,000	---	560	2,800	< 0.035	< 0.04	0.022	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	0.15	0.42	< 0.034	0.084
Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.051	< 0.037	< 0.034	< 0.034	< 0.036
Naphthalene	41,000	270	4,100	1.8	12	18	< 0.035	< 0.04	1.4	< 0.035	0.6	< 0.035	< 0.038	0.028	< 0.038	< 0.035	< 0.036	0.48	0.75	0.059	1.2	11	0.032	1.7
Phenanthrene	610,000	---	610,000	---	200	1000	0.037	< 0.04	0.049	< 0.035	0.022	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.17	0.36	0.64	< 0.034	0.17
Pyrene	61,000	---	61,000	---	4,200	21,000	0.029	< 0.04	< 0.039	< 0.035	< 0.043	< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.12	0.1	0.051	< 0.034	0.046

Notes:
Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table B, C and D.
All results are mg/Kg and dry weight unless otherwise requested

Class I and Class II SROs are based on Appendix B, Table B, where provided; or background concentrations for counties outside metropolitan areas, Appendix A, Table G (per footnote m in Appendix B, Table B).

--- indicates (No Remediation Objective) was provided in tables.
Results that are Box outlined indicate that the measured concentration exceeds a Construction Worker inhalation SRO.
Results that are BOLD font indicate that the measured concentration exceeds a Class I SRO.
Results that are Shaded gray indicate that the measured concentration exceeds a Class II SRO.
Non-detect results (indicated by <) were not flagged as exceedance of SROs.

Table 5
Illinois Railway Property, Wedron IL
Soil Analytical Results Summary
(GZA/Weston 2012)

Analytical Results for Soil Samples	Exposure Routes for Specific SROs										
	Industrial/Commercial				Construction						
	Ingestion	Inhalation	**Class I**	Class II	Ingestion	Inhalation	WSG-GP-11 (18')	WSG-05 (2.5')	WSG-05 (11')	GP-3 (3'-4') AccuTest	GP-3 (3'-4') EMT
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	07/25/12	07/25/12	07/25/12	04/26/12	04/26/12
1,1,1-Trichloroethane	NRO	1200	2	9.6	NRO	1200	<0.0046	<0.55	<0.0045	<5.1	<5.1
2-Hexanone	NRO	NRO	NRO	NRO	NRO	NRO	<95	<21	<44	NT	NT
Acetone	NRO	100000	25	25	NRO	100000	<190	<42	<88	NT	NT
Benzene	100	1.6	0.03	0.17	2300	2.2	<19	**0.770 J**	<88	**1.140**	**0.233**
Carbon disulfide	200000	720	32	160	20000	9	<19	<4.2	<8.8	NT	NT
Chloroform	940	0.54	0.6	2.9	2000	0.76	<19	<4.2	<8.8	NT	NT
Ethylbenzene	200000	400	13	19	20000	58	**490**	**30**	<8.8	1.14	428
Toluene	410000	650	12	29	410000	42	6.4 J	5.1	<8.8	4.7	1.5
Xylenes, Total	410000	320	150	150	41000	5.6	**15000**	**280**	<18	7.04	2.824

Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table B, C and D.
All results are mg/Kg and dry weight unless otherwise requested
NRO = (No Remediation Objective) was provided in table B, C or D in Title 35 Part 742
NT = analyte not tested
Results that are Underlined indicate that the measured concentration exceeds an Industrial/Commercial Inhalation SRO.
Results that are Box outlined indicate that the measured concentration exceeds a Construction Worker inhalation SRO.
Results that are BOLD font indicate that the measured concentration exceeds a Class I SRO.
Results that are Shaded gray indicate that the measured concentration exceeds a Class II SRO.
Non-detect results (indicated by <) were not flagged as exceedance of SROs.

Appendix A

Subsurface Investigation Soil Boring Logs

CDM Smith

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-01
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION (Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics)
	4.8/ 5.0	5			15 17 16 17 7 10 12	SM	SILTY SAND: Yellowish brown (10YR 5/8); 70% sand, pg, f-m; 30% silt, low plasticity; t gravel, f-c, sa-sr, max ø = 1.5"; dry to moist, no odor; darker stained at 0.9'-1.0'.
A 8'-10'	5.0/ 5.0	10			8 12 12	ML	SANDY SILT: Yellowish brown (10YR 5/8); 60% silt, low plasticity; 40% sand, pg, f-c, mostly f; med stiff; moist, no odor.
	4.0/ 5.0	15			522 643 850 7491 4660	CL	CLAYEY SILT: Yellowish brown (10YR 5/4); stiff; mottled color; moist, no odor.
B 16'-18'	4.0/ 5.0	20	strong		65ppm 56ppm 35ppm 6ppm	SP	SAND: Brownish yellow (10YR 6/6); f-m, mostly m, pg; t gravel, f, sa-sr; 1" coarse sand lense at 12.5'; stained very dark gray (5Y 3/1) at 16'-18'; odor at 16'-18'; moist.
	2.5/ 5.0					CL	SILTY CLAY: Brown (10YR 4/3); m stiff to stiff; mottled color; moist, no odor.
						SP	SAND: Gray (5Y 5/1); f-m, pg; stained gray; wet, no odor.
							Refusal at bedrock at 22.5' bgs

WATER FIRST NOTICED: 18'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 22.5'		*DATE STARTED:* 12/19/2013 THURSDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/19/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-02
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION (Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics)
	3.5/ 5.0				55 116 59 7	SP-MH	GRAVELLY SAND WITH SILT: Light yellowish brown (10YR 6/4); pg sand, f-m, mostly m; f gravel, sa-sr, max ø = 0.4"; lenses (2") of asphalt at 1.0' and 2.0'; moist, no odor.
		5			4 3 3	ML	SANDY SILT: Brown (7.5 YR 4/4); low plasticity silt; pg sand, f; t gravel, f, max ø = 0.3"; 2" gravel at 6.3'; moist, no odor.
	4.0/ 5.0				5	SP	SAND: Yellowish brown (10YR 5/6); pg, m-c; t gravel; moist, no odor.
A 8'-10'		10			0 3	ML	CLAYEY SILT: Brown (10YR 5/3); m stiff; mottled color; moist; no odor.
					204 35	SP	SAND: Brownish yellow (10YR 6/6); pg, f-m, mostly m; motttled color; moist, no odor.
	3.6/ 5.0				5 1494	ML	CLAYEY SILT: Gray (10YR 5/1); low plasticity silt; m stiff; mottled color; moist, no odor.
		15			8239 2523	SP	SAND WITH GRAVEL: Light yellowish brown (10YR 6/4); color change to gray (10YR 6/1) at 14'; stained at 16'-18'; sand grades coarser at depth; moist to wet; odor at 16'-18'
B 16'-18'	4.0/ 5.0		strong		1973 >499ppm 334ppm >499ppm		
		20				CL	SILTY CLAY: Gray (10YR 6/1); m stiff to stiff; low plasticity silt; moist, no odor.
	3.0/ 5.0					SP	SAND: Very pale brown (10YR 8/3), pg, f (weathered sandstone formation); moist to wet, no odor.
		25					Refusal at bedrock at 23' bgs

WATER FIRST NOTICED: 18'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 23.0'		*DATE STARTED:* 12/19/2013 THURSDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/19/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface, >499 ppm = greater than PID limits

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-03
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics
	4.2/ 5.0	5			60 30 40 32 44 15	SM	SILTY SAND: Yellowish brown (10YR 6/6); sand c-f, pg; silt, low plasticity; t gravel; moist; slight stain and organic odor at 1.5'-3.5'; t asphalt at 1.5'-3.5'. (FILL)
						ML	SANDY SILT: Yellowish brown (qoYR 5/6); soft to m stiff; t c sand; moist, no odor.
A 8'-10'	3.5/ 5.0	10			54 32 35 36 331	SP	SAND: Brownish yellow (10YR 6/6); f-m, mostly m; t gravel; moist, no odor; silty lense at 9'-9.2'.
	4.6/ 5.0	15			750 14ppm 35ppm 10ppm	CL	SILTY CLAY WITH LENSES OF SAND: Gray (10YR 6/1); m stiff to stiff; moist, no odor.
B 16'-18'	3.5/ 5.0	20	slight		12ppm 5060 >499ppm 61 122	SP	SAND: Gray (10YR 6/1); f-m sand; t gravel; moist; stained and odor at 18'-20'.
	5.0/ 5.0	25			6ppm 4ppm	CL	SILTY CLAY: Gray (10YR 6/1); m stiff to stiff; mottled color; moist to wet, no odor.
							End of boring at 25' bgs

WATER FIRST NOTICED: 18-20'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 25'		*DATE STARTED:* 12/19/2013 THURSDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/19/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded,
ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface, >499 ppm = greater than PID limits

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-04
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION (Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics)
	4.0/ 5.0					ML	SANDY SILT: Brown; m stiff; moist, no odor.
						ML	CLAYEY SILT: Strong brown (7.5YR 5/6); stiff; mottled color, dry, no odor.
		5				SM	SILTY SAND: Stong brown (7.5 YR 5/6); f-m sand; low plasticity silt; moist, no odor.
	4.8/ 5.0					CL	SILTY CLAY: Strong brown (7.5YR 5/6); stiff, dy, no odor.
A 8'-10' MS		10					
			strong		200	SP	SAND: Grayish brown; f-m, grades with depth; odor, strongest at 10'-11' and 14'-15'; stained gray at 12'-13' and black at 14'-15'; moist to wet at 14.5'.
B 12'-14'	3.8/ 5.0		faint	gray	104ppm		
		15	strong	black	39ppm		
	4.8/ 5.0					CL	CLAY WITH SILT: Strong brown (7.5YR 5/6); stiff; low plasticity; dense; moist to wet, no odor.
		20					Refusal at bedrock at 20' bgs

WATER FIRST NOTICED: ~14.5'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 20'		*DATE STARTED:* 12/20/2013 FRIDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/20/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

* PID not working properly .

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-05
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION (Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics)
	3.0/ 5.0	5		light stain	6 10 32 66 177	SM	SILTY SAND WITH GRAVEL: Dark brown (10YR 2/2); pg sand, f-m, mostly m; low plasticity silt; f-c gravel, sa-sr, max ø = 1.0"; t asphalt at 2.5'-3' and 4.8'-5.0'; moist, no odor; light stained (?).
					17	CL	SILTY CLAY: Very dark grayish brown (10YR 2/2); m stiff to soft; no odor, moist.
A 8'-10'	3.5/ 5.0	10			19 22 23 26	SP - SM	SAND WITH SILT: Brownish yellow (10YR 6/6); f-m sand, pg; non-plastic silt; t gravel, f-c, sa-sr, max ø = 1.5"; moist; slight organic odor at 10'-11'.
	5.0/ 5.0	15	slight organic slight -fuel-		850 2303 2789 107ppm >499ppm	CL	SILTY CLAY: Gray (10YR 5/1); m stiff to stiff; mottled color; moist; no odor.
						SP	GRAVELLY SAND: Pale brown (10YR 6/3); f-m sand; mostly m; gravel f-c, sa-sr; moist; no
						CL	SILTY CLAY: Gray (10YR 5/1); m stiff to stiff; moist; no odor.
B 15'-17'	5.0/ 5.0	20	strong		>499ppm 258ppm >499ppm >499ppm	SP	GRAVELLY SAND: Pale brown (10YR 6/3); f-m sand, pg; gravel f-c, sa-sr; moist to wet at 19'; strong odor at 15'-16'; odor at 16'-20'.
		25	slight			CL	SILTY CLAY: Gray (10YR 5/1); m stiff to stiff; low plasticity silt; moist to wet; no odor; lense of sand at 24'-24.5', sand is yellowish brown (10YR 5/4).
							End of boring at 25' bgs

WATER FIRST NOTICED: 19'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 25'		*DATE STARTED:* 12/19/2013 THURSDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/19/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded,
ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface, >499 ppm = greater than PID limits

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-06
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics
	4.0/ 5.0	5			49 57 289 250 143 60	SP-SM	GRAVELLY SAND WITH SILT: Dark yellowish brown (10YR 4/4); f-m sand, pg; gravel f-c, sa-sr; low plasticity silt; moist; no odor.
						OL/OH	SANDY ORGANIC SOIL WITH GRAVEL: Very dark brown (10 YR 2/2); organic rich,
						CL	SILTY CLAY: Strong brown (7.5 YR 4/6); stiff to m stiff; low plasticity silt; moist, no odor.
A 8'-10' MS	4.2/ 5.0	10			144 307 558 217 33	SP	SAND: Brownish yellow (10YR 6/6); sand f-m, mostly m, pg; t gravel; moist, no odor.
	5.0/ 5.0	15	faint		281 58ppm 289 12ppm 17ppm 44ppm >499ppm	CL	SILTY CLAY: Yellowish brown (10YR 5/6); stiff to m stiff; low plasticity silt; moist, no odor.
B 18'-20' DUP	3.0/ 5.0	20	faint			SP	SAND: Light brownish gray (10YR 6/2); f-m, well graded sand; t gravel at 17.5'-17.7'; stained gray (7.5YR 5/1) at 14'-15'; moist to wet at 14' (perched water); faint odor at 14'-15' and 19'-20'.
	3.0/ 5.0	25				CL	SILTY CLAY: Gray (10YR 5/1); stiff to m stiff; low plasticity silt; moist to wet.
						BR	Weathered sandstone formation.
							End of boring at 24.5' bgs

WATER FIRST NOTICED: 18'-20'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 24.5'		*DATE STARTED:* 12/19/2013 THURSDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/19/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded,
ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface, >499 ppm = greater than PID limits

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-07
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION (Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics)
					158	SP	GRAVELLY SAND: Gray; m sand; c-f gravel, sa; loose; moist, no odor.
	4.2/ 5.0				38 15 491ppm	SM	SILTY SAND: Yellowish brown (10YR 5/4); f-m sand, mostly m, pg; loose; moist, no odor.
A 4'-6'		5	odor at sand lenses only	gray	3154 42ppm 199ppm	ML	CLAYEY SILT: Yellowish brown (10YR 5/4); stiff; low plasticity silt; mottled color; sandy lenses (<1") each 8 to 12"; moist to wet in sand lenses; odor in sandy lenses; stained gray (10YR 5/1) at 4'-5'.
B 8'-10' DUP	5.0/ 5.0	10		gray	42ppm 199ppm 1477	GP	SANDY GRAVEL: Yellowish brown (10YR 5/4); c gravel, sr; pg sand; moist to wet, no odor.
	5.0/ 5.0	15			422 230 231 1143	ML/ SP	Alternating CLAYEY SILT and SAND lenses: Yellowish brown (10YR 5/4); stiff, low plasticity clayey silt; f-m, well sorted sand; moist to wet, no odor; stained gray (10YR 5/1) at 10'-11'.
						CL	SILTY CLAY: Gray brown; stiff, dense; low plasticity silt; wet, no odor.
						BR	Weathered sandstone formation: Grayish white.
	2.0/ 5.0	20					Refusal at bedrock at 17' bgs

WATER FIRST NOTICED: ~10'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 17'		*DATE STARTED:* 12/20/2013 FRIDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/20/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-08
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION (Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics)
	3.8/ 5.0	5			58 42 1 2	SM	SILTY SAND: Dark grayish brown (10YR 4/4); f-m sand, pg; low plasticity silt; t gravel; t broken brick; t asphalt; dry to moist, no odor;; (FILL).
					10 3	CL	SILTY CLAY: Brown (10YR 4/4); stiff to m stiff; low plasticity silt; moist, no odor.
	4.0/ 5.0				0 3	SP	GRAVELLY SAND: Brown (10YR 4/4); m sand, pg; f-c gravel, sa-sr; moist, no odor.
A 8'-10'		10			0 15	SP	SAND: Light yellowish brown (10YR 6/4); f-m sand, pg; t gravel, f-c, sa-sr; moist, no odor.
	4.8/ 5.0				25 3 67ppm	CL	SILTY CLAY: Yellowish brown (10YR 5/4); stiff; low plasticity silt; mottled color; moist, no odor; c igneous gravel at 13.5'-13.7'.
B 13'-15'		15	faint		99.2ppm 2399	SM	SILTY SAND: Grayish brown (10YR 5/2); f-m sand, well graded; low plasticity silt; t gravel; stained dark grayish brown (10YR 5/2) at 19'-21'; moist to wet at 17', no odor.
	4.0/ 5.0	20			9.4 612 5228 3259 1821 68ppm		
						CL	SILTY CLAY: Grayish brown (10YR 5/2); stiff; low plasticity; moist, no odor.
	3.5/ 5.0	25				BR	Weathered sandstone formation; wet.
							Refusal at bedrock at 23' bgs

WATER FIRST NOTICED: 17'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 23'		*DATE STARTED:* 12/19/2013 THURSDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/19/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface

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ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-09
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics
					0	SM	SILTY SAND: Dark grayish brown (10YR 4/2); f-m sand, pg, loose; low plasticity silt; t
	4.8/ 5.0	5			0 0 3 0	ML	CLAYEY SILT: Yellowish brown (10YR 5/6); low plasticity silt; m stiff; moist, no odor.
A 5'-7'					0 0	SM	SILTY SAND: Yellowish brown (10YR 5/8); pg sand, loose; low plasticity silt; t gravel at 6.8' 7.0'; moist, no odor.
B 8'-10'	4.2/ 5.0	10			0 0 0 0	SP/ CL	Alternating SAND and SILTY CLAY lenses: Yellowish brown (10YR 5//6); well graded sand, f-m, mostly m; silty clay lenses are stiff with low plasticity and measure 1"- 4" thick at 8', 9.5', 12', 13.5', and 14.5'; t gravel at 7.8' and 17'-17.5'; color change to strong bown (7.5YR 5/6) at 17'-17.5'; moist to wet at 10', no odor.
	3.7/ 5.0	15			0 0 0 1		
	5.0/ 5.0	20			14 1 0 0	CL	SILTY CLAY: Yellowish brown (10YR 5/6); stiff; low plasticity silt; mottled color; color change to gray (10YR 5/1) at 19'; moist, no odor.
	5.0/ 5.0	25				CL	SILTY CLAY: Gray (10YR 5/1); stiff; low plasticity silt; moist to wet, no odor.
							End of boring at 25' bgs

WATER FIRST NOTICED: ~10'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 25'		*DATE STARTED:* 12/20/2013 FRIDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/20/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-10
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling LAB SAMPLE	RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics
A 0'-3'	4.8/ 5.0	5			105000	CL/ SP-SM	SILTY CLAY with lenses of SILTY SAND: Yellowish brown (10YR 5/6); stiff; low plasticity sitly clay; t gravel; 1" silty sand lenses at 3' and 4.2'; mottled color; moist, no odor.
	3.5/ 5.0	10			000000	SP	GRAVELLY SAND: Yellowish brown (10YR 5/6); pg sand, loose; f-c gravel; moist, no odor.
B 11'-13'	3.5/ 5.0	15			000030	SP/ CL	SAND with lenses of SILTY CLAY: Liggt yellowish brown (10YR 6/4); well sorted sand; 2"-5" lenses of stiff to m stiff, low plasticity silty clay at 12'-12.5' and 14'-14.2'; mottled color at 13.5'-15'; moist to wet at 13', no odor.
	5.0/ 5.0	20			00000	SP	SAND: Pale brown (10YR 6/3); pg sand, f-m, mostly m, t coarse sand; wet, no odor.
	5.0/ 5.0	25			00000	SP	SILTY CLAY with SAND lenses: Gray (10yr 5/1); stiff, low plasticity silt; pg sand lenses at 23.2'-23.5' and 24'-24.1'; moist to wet, no odor.
							End of boring at 25' bgs

WATER FIRST NOTICED: 13.5'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 25'		*DATE STARTED:* 12/20/2013 FRIDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/20/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded, ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface

CDM Smith *Environmental Services*

ENVIRONMENTAL BORING LOG

PROJECT NAME	BOREHOLE NUMBER
Wedron, IL	GP-11
OWNER/CLIENT	**PROJECT NUMBER**
Illinois Railway	101127

Sampling: LAB SAMPLE	Sampling: RECOVERY	DEPTH (FT.)	ODOR	STAIN	OVM (ppb)	USCS TYPE	MATERIAL DESCRIPTION Class, Color, Plasticity (high, low), Density (stiff, soft, loose), Moisture (dry, damp. moist, wet), Organics
					0	FILL	SAND AND GRAVEL: f-c gravel, sa-sr; m sand, pg; dry, no odor (FILL)
					9	FILL	FILL: Black granular material, similar to asphalt; t broken concrete; dry, no odor.
	4.0/ 5.0	5			13 20 0 10 38 13	CL	SILTY CLAY: Dark yellowish brown (10YR 4/6); stiff, dense; low plasticity silt; color darkens to dark brown (10YR 2/2) at 2'-4'; moist, no odor.
A 8'-10'	4.6/ 5.0	10			19 32	SP	SAND: Yellowish brown (10YR 5/6); m with some coarse sand, pg; 0.25" lense of clayey silt at 9.4'; moist, no odor.
	4.8/ 5.0	15			56 22 5 300 1871	ML	CLAYEY SILT: Light yellowish brown (10YR 6/4); stiff; low plasticiity silt; mottled color; moist, no odor
B 17'-19' DUP	5.0/ 5.0	20	strong faint odor	sand lenses stained	>499ppm 14ppm >499ppm 195ppm 56ppm	CL/ SP	Alternating lenses of SILTY CLAY and SAND: Pale brown (10YR 6/3), stiff, low plasticity silty clay; stained sand intervals at 18.5'-18.7', 20.2'-20.4', 21'-21.2', 22.5'-24'; sand has odor, strongest at 16'-17'; wet.
	5.0/ 5.0	25			11 22 3 6 8	CL	CLAY WITH SILT: Gray (10YR 5/1); low plasticity silt; stiff; faint odor; moist to wet.
							End of boring at 25' bgs

WATER FIRST NOTICED: ~18'	*DRILLED BY:* CS Drilling	*STATION:* NA	*OFFSET:* NA
DEPTH TO WATER AT COMPLETION: NA	*LOGGED BY:* CDM - C.Cox	*GROUND LEVEL (MSL):* NA	
TOTAL DEPTH: 25'		*DATE STARTED:* 12/20/2013 FRIDAY	
ABANDONMENT: Bentonite chips	*CHECKED BY:*	*DATE COMPLETED:* 12/20/2013	
EQUIPMENT: DPT		SHEET 1 of 1	

Abbreviations: f = fine, m = medium, c = coarse, pg = poorly graded, t = trace, sa = sub-angular, sr = sub-rounded,
ø = diameter, ppm = parts per million, ppb = parts per billion, bgs = below ground surface, >499 ppm = greater than PID limits

Appendix B

Laboratory Analytical Results and Chain of Custody Form

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-69043-1
Client Project/Site: 3450 E 2056th Wedron IL

For:
CDM Smith, Inc.
125 South Wacker Drive
Suite 600
Chicago, Illinois 60606

Attn: Chris Albrecht

Authorized for release by:
1/8/2014 5:02:42 PM
Eric Lang, Manager of Project Management
(708)534-5200
eric.lang@testamericainc.com

Designee for

Bonnie Stadelmann, Senior Project Manager
(708)534-5200
bonnie.stadelmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 500-69043-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-69043-1

Comments
No additional comments.

Receipt
The samples were received on 12/20/2013 5:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 2.9º C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: GP-01B-131219 (500-69043-2), GP-02B-131219 (500-69043-4), GP-03B-131219 (500-69043-6), GP-05B-131219 (500-69043-8), GP-11B-131220 (500-69043-20), GP-11B-131220D (500-69043-21). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted due to the abundance of non-target analytes: GP-04B-131220 (500-69043-27), GP-06B-131219 (500-69043-12), GP-06B-131219D (500-69043-13), GP-07A-131220 (500-69043-23), GP-07B-131220 (500-69043-24), GP-07B-131220D (500-69043-25), GP-08B-131219 (500-69043-10). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples submitted for volatiles analysis was received with insufficient preservation (pH >2): Trip Blank 121913 (500-69043-14), Trip Blank 122013 (500-69043-22).

Method(s) 8260B: Surrogate recovery for the following samples were outside control limits: GP-06B-131219 (500-69043-12), GP-08B-131219 (500-69043-10). Evidence of matrix interference is present; therefore, re-analysis was not performed.

Method(s) 8260B: Surrogate recovery for the following sample was outside control limits: GP-01B-131219 (500-69043-2), GP-02B-131219 (500-69043-4), GP-03B-131219 (500-69043-6), GP-05B-131219 (500-69043-8), GP-11B-131220 (500-69043-20). Evidence of matrix interference is present. Re-analysis was performed at a dilution for target compounds, with all surrogates meeting QC limits.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batches 218334 and 218482 were outside control limits. Sample matrix interference is suspected because the associated laboratory control samples (LCS) recovery were within acceptance limits.

Method(s) 8260B: The %RPD of the matrix spike (MS) and matrix spike duplicate (MSD) samples for preparation batches 218455 and 218482 recovered outside control limits.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to the abundance of target and non-target analytes: GP-02B-131219 (500-69043-4), GP-05B-131219 (500-69043-8). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: 500-69043-4 had 2-Fluorobiphenyl at 122% (25%-119%). All other surrogate recoveries were within limits. No further action was required.GP-02B-131219 (500-69043-4)

Method(s) 8270D: Two matrix spike and one matrix spike duplicate (MS/MSD) recoveries for batch 218462 were outside control limits. There were 2 RPD's > 30%. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.GP-04A-131220 (500-69043-26 MS), GP-04A-131220 (500-69043-26 MSD)

Method(s) 8270D: Two matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 218463 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.GP-06A-131219 (500-69043-11 MS), GP-06A-131219 (500-69043-11 MSD)

No other analytical or quality issues were noted.

Job ID: 500-69043-1 (Continued)

Laboratory: TestAmerica Chicago (Continued)

GC VOA

Method(s) 8260B: The laboratory control sample (LCS) for batch 218642 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The matrix spike (MS) precision for sample 500-69043-11 was outside control limits for Pb. The associated laboratory control sample (LCS) precision met acceptance criteria, therefore the data has been reported. The %RPD for the MS/MSD was outside control limits for Pb.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample 500-69043-26 were outside control limits for Pb. The associated laboratory control sample (LCS) recovery was within acceptance limits, therefore the data has been reported

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01A-131219 — Lab Sample ID: 500-69043-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0049		0.0046	0.0020	mg/Kg	1	☼	8260B	Total/NA
Lead	6.2	B	0.48	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-01B-131219 — Lab Sample ID: 500-69043-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.6		0.14	0.063	mg/Kg	500	☼	8260B	Total/NA
Ethylbenzene - DL	220		1.4	0.69	mg/Kg	5000	☼	8260B	Total/NA
Xylenes, Total - DL	890		2.8	0.38	mg/Kg	5000	☼	8260B	Total/NA
Acenaphthene	0.012	J	0.037	0.0067	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.0089	J	0.037	0.0050	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.0090	J	0.037	0.0072	mg/Kg	1	☼	8270D	Total/NA
2,4-Dimethylphenol	0.19	J	0.37	0.14	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.021	J	0.037	0.0069	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.038		0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1.5		0.037	0.0068	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.93		0.037	0.0057	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.10		0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.034	J	0.037	0.0074	mg/Kg	1	☼	8270D	Total/NA
Lead	14	B	0.51	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-02A-131219 — Lab Sample ID: 500-69043-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021		0.0045	0.0019	mg/Kg	1	☼	8260B	Total/NA
Lead	3.6	B	0.49	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-02B-131219 — Lab Sample ID: 500-69043-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	440		1.3	0.64	mg/Kg	5000	☼	8260B	Total/NA
Toluene	6.1		1.3	0.58	mg/Kg	5000	☼	8260B	Total/NA
Xylenes, Total - DL	1700		25	3.5	mg/Kg	50000	☼	8260B	Total/NA
Fluoranthene	0.063	J	0.17	0.032	mg/Kg	5	☼	8270D	Total/NA
Fluorene	0.12	J	0.17	0.025	mg/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	5.5		0.17	0.032	mg/Kg	5	☼	8270D	Total/NA
Naphthalene	5.3		0.17	0.027	mg/Kg	5	☼	8270D	Total/NA
Phenanthrene	0.24		0.17	0.024	mg/Kg	5	☼	8270D	Total/NA
Pyrene	0.10	J	0.17	0.035	mg/Kg	5	☼	8270D	Total/NA
Lead	7.4	B	0.52	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-03A-131219 — Lab Sample ID: 500-69043-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0048	0.0021	mg/Kg	1	☼	8260B	Total/NA
Lead	4.1	B	0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-03B-131219 — Lab Sample ID: 500-69043-6

This Detection Summary does not include radiochemical test results.

Client Sample ID: GP-03B-131219 (Continued) — Lab Sample ID: 500-69043-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.8		0.028	0.013	mg/Kg	100	☼	8260B	Total/NA
Ethylbenzene - DL	79		0.28	0.14	mg/Kg	1000	☼	8260B	Total/NA
Xylenes, Total - DL	210		0.56	0.076	mg/Kg	1000	☼	8260B	Total/NA
2,4-Dimethylphenol	0.40		0.37	0.14	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.0090	J	0.037	0.0069	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.020	J	0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1.8		0.037	0.0068	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	1.6		0.037	0.0057	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.024	J	0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
Lead	6.2	B	0.51	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-05A-131219 — Lab Sample ID: 500-69043-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0048	0.0021	mg/Kg	1	☼	8260B	Total/NA
Methyl Ethyl Ketone	0.0054		0.0048	0.0017	mg/Kg	1	☼	8260B	Total/NA
Lead	3.3	B	0.46	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-05B-131219 — Lab Sample ID: 500-69043-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	5.8		0.012	0.0059	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.13		0.012	0.0054	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total - DL	18		0.23	0.032	mg/Kg	500	☼	8260B	Total/NA
Di-n-octyl phthalate	0.63	J	0.91	0.30	mg/Kg	5	☼	8270D	Total/NA
Fluorene	0.15	J	0.18	0.025	mg/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	5.8		0.18	0.033	mg/Kg	5	☼	8270D	Total/NA
Naphthalene	3.5		0.18	0.028	mg/Kg	5	☼	8270D	Total/NA
Phenanthrene	0.19		0.18	0.025	mg/Kg	5	☼	8270D	Total/NA
Pyrene	0.052	J	0.18	0.036	mg/Kg	5	☼	8270D	Total/NA
Lead	8.9	B	0.51	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-08A-131219 — Lab Sample ID: 500-69043-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0069		0.0047	0.0020	mg/Kg	1	☼	8260B	Total/NA
Lead	2.5	B	0.47	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-08B-131219 — Lab Sample ID: 500-69043-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	2.4		0.012	0.0059	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.027		0.012	0.0054	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	4.1		0.024	0.0032	mg/Kg	50	☼	8260B	Total/NA
2-Methylnaphthalene	0.29		0.035	0.0064	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.20		0.035	0.0054	mg/Kg	1	☼	8270D	Total/NA
Lead	5.8	B	0.47	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-06A-131219 — Lab Sample ID: 500-69043-11

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06A-131219 (Continued) — Lab Sample ID: 500-69043-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.0053	0.0023	mg/Kg	1	☼	8260B	Total/NA
Methyl Ethyl Ketone	0.0072		0.0053	0.0019	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0030	J	0.0053	0.00075	mg/Kg	1	☼	8260B	Total/NA
Lead	2.6	B	0.46	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-06B-131219 — Lab Sample ID: 500-69043-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.90		0.13	0.067	mg/Kg	500	☼	8260B	Total/NA
Toluene	0.17		0.13	0.061	mg/Kg	500	☼	8260B	Total/NA
Xylenes, Total	1.5		0.27	0.037	mg/Kg	500	☼	8260B	Total/NA
Acenaphthene	0.032	J	0.036	0.0065	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.028	J	0.036	0.0049	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.015	J	0.036	0.0070	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.021	J	0.036	0.0078	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.036	0.012	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.018	J	0.036	0.0099	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.12		0.036	0.0067	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.059		0.036	0.0051	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	2.2		0.036	0.0067	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.099		0.036	0.0056	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.19		0.036	0.0051	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.088		0.036	0.0072	mg/Kg	1	☼	8270D	Total/NA
Lead	4.0	B	0.50	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-06B-131219D — Lab Sample ID: 500-69043-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.24		0.13	0.064	mg/Kg	500	☼	8260B	Total/NA
Xylenes, Total	0.44		0.25	0.035	mg/Kg	500	☼	8260B	Total/NA
Benzo[a]anthracene	0.012	J	0.035	0.0048	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.0088	J	0.035	0.0069	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.0097	J	0.035	0.0077	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.26		0.18	0.065	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.040		0.035	0.0066	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.51		0.035	0.0065	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.0085	J	0.035	0.0055	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.035		0.035	0.0049	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.033	J	0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA
Lead	4.7	B	0.49	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: Trip Blank 121913 — Lab Sample ID: 500-69043-14

No Detections.

Client Sample ID: GP-09A-131220 — Lab Sample ID: 500-69043-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-octyl phthalate	0.12	J	0.18	0.059	mg/Kg	1	☼	8270D	Total/NA
Lead	5.1	B	0.49	0.15	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-09B-131220 — Lab Sample ID: 500-69043-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-octyl phthalate	0.073	J	0.18	0.059	mg/Kg	1	☼	8270D	Total/NA
Lead	3.5	B	0.52	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-10A-131220 — Lab Sample ID: 500-69043-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0076		0.0051	0.0022	mg/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	0.013	J	0.039	0.0053	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.012	J	0.039	0.0076	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.019	J	0.039	0.0085	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.018	J	0.039	0.011	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.027	J	0.039	0.0073	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.035	J	0.039	0.0072	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.032	J	0.039	0.0055	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.023	J	0.039	0.0078	mg/Kg	1	☼	8270D	Total/NA
Lead	18	B	0.60	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-10B-131220 — Lab Sample ID: 500-69043-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.0057	0.0025	mg/Kg	1	☼	8260B	Total/NA
Methyl Ethyl Ketone	0.0056	J	0.0057	0.0021	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0037	J	0.0057	0.00080	mg/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	0.063	J	0.17	0.062	mg/Kg	1	☼	8270D	Total/NA
Lead	2.0	B	0.53	0.16	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-11A-131220 — Lab Sample ID: 500-69043-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0052	0.0022	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0033	J	0.0052	0.00073	mg/Kg	1	☼	8260B	Total/NA
Lead	2.3	B	0.48	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-11B-131220 — Lab Sample ID: 500-69043-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene - DL	160		1.4	0.72	mg/Kg	5000	☼	8260B	Total/NA
Toluene - DL	39		1.4	0.66	mg/Kg	5000	☼	8260B	Total/NA
Xylenes, Total - DL	940		2.9	0.39	mg/Kg	5000	☼	8260B	Total/NA
Naphthalene	2.2		0.036	0.0056	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.041		0.036	0.0051	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.0081	J	0.036	0.0073	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene - DL	4.1		0.18	0.034	mg/Kg	5	☼	8270D	Total/NA
Lead	4.0	B	0.49	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-11B-131220D — Lab Sample ID: 500-69043-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	65		0.14	0.072	mg/Kg	500	☼	8260B	Total/NA
Toluene	4.2		0.14	0.066	mg/Kg	500	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11B-131220D (Continued) — Lab Sample ID: 500-69043-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total - DL	310		2.9	0.39	mg/Kg	5000	☼	8260B	Total/NA
Acenaphthene	0.026	J	0.036	0.0064	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.019	J	0.036	0.0066	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.049		0.036	0.0050	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.23		0.036	0.0050	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.025	J	0.036	0.0071	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene - DL	20		0.71	0.13	mg/Kg	20	☼	8270D	Total/NA
Naphthalene - DL	16		0.71	0.11	mg/Kg	20	☼	8270D	Total/NA
Lead	7.6	B	0.51	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: Trip Blank 122013 — Lab Sample ID: 500-69043-22

No Detections.

Client Sample ID: GP-07A-131220 — Lab Sample ID: 500-69043-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.029	J	0.039	0.0073	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.48		0.039	0.0073	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.31		0.039	0.0061	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.074		0.039	0.0055	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.018	J	0.039	0.0079	mg/Kg	1	☼	8270D	Total/NA
Lead	10	B	0.58	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-07B-131220 — Lab Sample ID: 500-69043-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	8.4		1.5	0.76	mg/Kg	5000	☼	8260B	Total/NA
Xylenes, Total	9.2		3.0	0.41	mg/Kg	5000	☼	8260B	Total/NA
Fluoranthene	0.013	J	0.039	0.0073	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1.7		0.039	0.0072	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.55		0.039	0.0060	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.045		0.039	0.0055	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.0091	J	0.039	0.0078	mg/Kg	1	☼	8270D	Total/NA
Lead	11	B	0.62	0.18	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-07B-131220D — Lab Sample ID: 500-69043-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	3.7		0.012	0.0062	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.016		0.012	0.0057	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	5.3		0.025	0.0034	mg/Kg	50	☼	8260B	Total/NA
Fluoranthene	0.019	J	0.036	0.0066	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1.1		0.036	0.0066	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.57		0.036	0.0055	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.040		0.036	0.0050	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.011	J	0.036	0.0071	mg/Kg	1	☼	8270D	Total/NA
Lead	8.5	B	0.55	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-04A-131220 — Lab Sample ID: 500-69043-26

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-04A-131220 (Continued) — Lab Sample ID: 500-69043-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.028		0.0051	0.0010	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0043	J	0.0051	0.00071	mg/Kg	1	☼	8260B	Total/NA
Xylenes, Total	0.067		0.010	0.00046	mg/Kg	1	☼	8260B	Total/NA
Phenanthrene	0.0082	J	0.037	0.0052	mg/Kg	1	☼	8270D	Total/NA
Lead	7.9	B	0.49	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GP-04B-131220 — Lab Sample ID: 500-69043-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	51		1.4	0.72	mg/Kg	5000	☼	8260B	Total/NA
Xylenes, Total	130		2.8	0.39	mg/Kg	5000	☼	8260B	Total/NA
Acenaphthene	0.061		0.035	0.0064	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.050		0.035	0.0059	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.014	J	0.035	0.0048	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.0070	J	0.035	0.0069	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.0088	J	0.035	0.0076	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.012	J	0.035	0.011	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.0097	J	0.035	0.0097	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.053		0.035	0.0066	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.10		0.035	0.0050	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	1.6		0.035	0.0055	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.25		0.035	0.0049	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.068		0.035	0.0070	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene - DL	5.2		0.18	0.033	mg/Kg	5	☼	8270D	Total/NA
Lead	8.1	B	0.56	0.17	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-69043-1	GP-01A-131219	Solid	12/19/13 09:30	12/20/13 17:15
500-69043-2	GP-01B-131219	Solid	12/19/13 09:45	12/20/13 17:15
500-69043-3	GP-02A-131219	Solid	12/19/13 10:30	12/20/13 17:15
500-69043-4	GP-02B-131219	Solid	12/19/13 10:45	12/20/13 17:15
500-69043-5	GP-03A-131219	Solid	12/19/13 11:30	12/20/13 17:15
500-69043-6	GP-03B-131219	Solid	12/19/13 11:45	12/20/13 17:15
500-69043-7	GP-05A-131219	Solid	12/19/13 13:30	12/20/13 17:15
500-69043-8	GP-05B-131219	Solid	12/19/13 13:45	12/20/13 17:15
500-69043-9	GP-08A-131219	Solid	12/19/13 15:45	12/20/13 17:15
500-69043-10	GP-08B-131219	Solid	12/19/13 16:00	12/20/13 17:15
500-69043-11	GP-06A-131219	Solid	12/19/13 14:45	12/20/13 17:15
500-69043-12	GP-06B-131219	Solid	12/19/13 14:50	12/20/13 17:15
500-69043-13	GP-06B-131219D	Solid	12/19/13 14:55	12/20/13 17:15
500-69043-14	Trip Blank 121913	Water	12/19/13 00:00	12/20/13 17:15
500-69043-15	GP-09A-131220	Solid	12/20/13 08:45	12/20/13 17:15
500-69043-16	GP-09B-131220	Solid	12/20/13 08:55	12/20/13 17:15
500-69043-17	GP-10A-131220	Solid	12/20/13 09:45	12/20/13 17:15
500-69043-18	GP-10B-131220	Solid	12/20/13 10:00	12/20/13 17:15
500-69043-19	GP-11A-131220	Solid	12/20/13 11:20	12/20/13 17:15
500-69043-20	GP-11B-131220	Solid	12/20/13 11:30	12/20/13 17:15
500-69043-21	GP-11B-131220D	Solid	12/20/13 11:45	12/20/13 17:15
500-69043-22	Trip Blank 122013	Water	12/20/13 00:00	12/20/13 17:15
500-69043-23	GP-07A-131220	Solid	12/20/13 13:30	12/20/13 17:15
500-69043-24	GP-07B-131220	Solid	12/20/13 13:45	12/20/13 17:15
500-69043-25	GP-07B-131220D	Solid	12/20/13 13:55	12/20/13 17:15
500-69043-26	GP-04A-131220	Solid	12/20/13 14:25	12/20/13 17:15
500-69043-27	GP-04B-131220	Solid	12/20/13 14:35	12/20/13 17:15

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01A-131219

Date Collected: 12/19/13 09:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-1

Matrix: Solid
Percent Solids: 91.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0049**		0.0046	0.0020	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Benzene	<0.0046		0.0046	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Bromodichloromethane	<0.0046		0.0046	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Bromoform	<0.0046		0.0046	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Bromomethane	<0.0046		0.0046	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Carbon disulfide	<0.0046		0.0046	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Carbon tetrachloride	<0.0046		0.0046	0.00083	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Chlorobenzene	<0.0046		0.0046	0.00046	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Chloroethane	<0.0046		0.0046	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Chloroform	<0.0046		0.0046	0.00053	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Chloromethane	<0.0046		0.0046	0.00096	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
cis-1,2-Dichloroethene	<0.0046		0.0046	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
cis-1,3-Dichloropropene	<0.0046		0.0046	0.00060	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Dibromochloromethane	<0.0046		0.0046	0.00080	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,1-Dichloroethane	<0.0046		0.0046	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,2-Dichloroethane	<0.0046		0.0046	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,1-Dichloroethene	<0.0046		0.0046	0.00074	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,2-Dichloropropane	<0.0046		0.0046	0.00069	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,3-Dichloropropene, Total	<0.0046		0.0046	0.00060	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Ethylbenzene	<0.0046		0.0046	0.00092	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
2-Hexanone	<0.0046		0.0046	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Methylene Chloride	<0.0046		0.0046	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0017	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
methyl isobutyl ketone	<0.0046		0.0046	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Methyl tert-butyl ether	<0.0046		0.0046	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Styrene	<0.0046		0.0046	0.00060	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,1,2,2-Tetrachloroethane	<0.0046		0.0046	0.00092	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Tetrachloroethene	<0.0046		0.0046	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Toluene	<0.0046		0.0046	0.00064	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
trans-1,2-Dichloroethene	<0.0046		0.0046	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
trans-1,3-Dichloropropene	<0.0046		0.0046	0.00082	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,1,1-Trichloroethane	<0.0046		0.0046	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
1,1,2-Trichloroethane	<0.0046		0.0046	0.00062	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Trichloroethene	<0.0046		0.0046	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Vinyl chloride	<0.0046		0.0046	0.00096	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1
Xylenes, Total	<0.0092		0.0092	0.00041	mg/Kg	☼	12/21/13 06:55	12/31/13 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 122*	*12/21/13 06:55*	*12/31/13 17:53*	*1*
Dibromofluoromethane	*100*		*75 - 120*	*12/21/13 06:55*	*12/31/13 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 134*	*12/21/13 06:55*	*12/31/13 17:53*	*1*
Toluene-d8 (Surr)	*95*		*75 - 122*	*12/21/13 06:55*	*12/31/13 17:53*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.035		0.035	0.0064	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Acenaphthylene	<0.035		0.035	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Anthracene	<0.035		0.035	0.0059	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Benzo[a]anthracene	<0.035		0.035	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Benzo[a]pyrene	<0.035		0.035	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1

Client Sample ID: GP-01A-131219

Date Collected: 12/19/13 09:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-1

Matrix: Solid
Percent Solids: 91.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.035		0.035	0.0077	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Benzo[g,h,i]perylene	<0.035		0.035	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Benzo[k]fluoranthene	<0.035		0.035	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.065	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Chrysene	<0.035		0.035	0.0097	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,4-Dichlorophenol	<0.35		0.35	0.084	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4,6-Dinitro-2-methylphenol	<0.35		0.35	0.29	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,4-Dinitrotoluene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Fluoranthene	<0.035		0.035	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Fluorene	<0.035		0.035	0.0050	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Hexachlorobenzene	<0.072		0.072	0.0082	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Hexachlorocyclopentadiene	<0.72		0.72	0.20	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.0092	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2-Methylnaphthalene	<0.035		0.035	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
3 & 4 Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Naphthalene	<0.035		0.035	0.0055	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2-Nitrophenol	<0.35		0.35	0.084	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01A-131219

Date Collected: 12/19/13 09:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-1

Matrix: Solid
Percent Solids: 91.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Phenanthrene	<0.035		0.035	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Phenol	<0.18		0.18	0.079	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
Pyrene	<0.035		0.035	0.0071	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*25 - 119*	*01/02/14 07:08*	*01/03/14 13:43*	*1*
2-Fluorophenol	*77*		*25 - 110*	*01/02/14 07:08*	*01/03/14 13:43*	*1*
Nitrobenzene-d5	*70*		*25 - 115*	*01/02/14 07:08*	*01/03/14 13:43*	*1*
Phenol-d5	*83*		*31 - 110*	*01/02/14 07:08*	*01/03/14 13:43*	*1*
Terphenyl-d14	*87*		*36 - 134*	*01/02/14 07:08*	*01/03/14 13:43*	*1*
2,4,6-Tribromophenol	*84*		*35 - 137*	*01/02/14 07:08*	*01/03/14 13:43*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.2**	**B**	0.48	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 02:10	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01B-131219

Date Collected: 12/19/13 09:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-2

Matrix: Solid
Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<2.8		2.8	0.72	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Benzene	<0.14		0.14	0.041	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Bromodichloromethane	<1.1		1.1	0.19	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Bromoform	<1.1		1.1	0.24	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Bromomethane	<1.1		1.1	0.38	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Carbon disulfide	<2.8		2.8	0.23	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Carbon tetrachloride	<0.55		0.55	0.14	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Chlorobenzene	<0.55		0.55	0.079	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Chloroethane	<1.1		1.1	0.24	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Chloroform	<0.55		0.55	0.11	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Chloromethane	<1.1		1.1	0.25	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
cis-1,2-Dichloroethene	<0.55		0.55	0.068	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
cis-1,3-Dichloropropene	<0.55		0.55	0.098	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Dibromochloromethane	<1.1		1.1	0.19	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,1-Dichloroethane	<0.55		0.55	0.10	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,2-Dichloroethane	<0.55		0.55	0.16	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,1-Dichloroethene	<0.55		0.55	0.17	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,2-Dichloropropane	<0.55		0.55	0.11	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,3-Dichloropropene, Total	<0.55		0.55	0.098	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
2-Hexanone	<2.8		2.8	0.31	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Methylene Chloride	<2.8		2.8	0.38	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Methyl Ethyl Ketone	<2.8		2.8	0.81	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
methyl isobutyl ketone	<2.8		2.8	0.18	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Methyl tert-butyl ether	<1.1		1.1	0.24	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Styrene	<0.55		0.55	0.054	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,1,2,2-Tetrachloroethane	<0.55		0.55	0.13	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Tetrachloroethene	<0.55		0.55	0.092	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Toluene	**4.6**		0.14	0.063	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
trans-1,2-Dichloroethene	<0.55		0.55	0.14	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
trans-1,3-Dichloropropene	<0.55		0.55	0.11	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,1,1-Trichloroethane	<0.55		0.55	0.11	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
1,1,2-Trichloroethane	<0.55		0.55	0.15	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Trichloroethene	<0.28		0.28	0.10	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500
Vinyl chloride	<0.14		0.14	0.057	mg/Kg	☼	12/19/13 09:45	01/01/14 19:27	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*	*12/19/13 09:45*	*01/01/14 19:27*	*500*
Dibromofluoromethane	*91*		*75 - 120*	*12/19/13 09:45*	*01/01/14 19:27*	*500*
1,2-Dichloroethane-d4 (Surr)	*186*	*X*	*75 - 125*	*12/19/13 09:45*	*01/01/14 19:27*	*500*
Toluene-d8 (Surr)	*105*		*75 - 120*	*12/19/13 09:45*	*01/01/14 19:27*	*500*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**220**		1.4	0.69	mg/Kg	☼	12/19/13 09:45	01/01/14 19:54	5000
Xylenes, Total	**890**		2.8	0.38	mg/Kg	☼	12/19/13 09:45	01/01/14 19:54	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*	*12/19/13 09:45*	*01/01/14 19:54*	*5000*
Dibromofluoromethane	*95*		*75 - 120*	*12/19/13 09:45*	*01/01/14 19:54*	*5000*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 125*	*12/19/13 09:45*	*01/01/14 19:54*	*5000*

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01B-131219

Date Collected: 12/19/13 09:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-2

Matrix: Solid
Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		75 - 120	12/19/13 09:45	01/01/14 19:54	5000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.012**	**J**	0.037	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Benzo[a]anthracene	**0.0089**	**J**	0.037	0.0050	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Benzo[a]pyrene	**0.0090**	**J**	0.037	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,4-Dimethylphenol	**0.19**	**J**	0.37	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4,6-Dinitro-2-methylphenol	<0.37		0.37	0.30	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Fluoranthene	**0.021**	**J**	0.037	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Fluorene	**0.038**		0.037	0.0052	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2-Methylnaphthalene	**1.5**		0.037	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01B-131219

Date Collected: 12/19/13 09:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-2

Matrix: Solid
Percent Solids: 88.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Naphthalene	**0.93**		0.037	0.0057	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
N-Nitrosodi-n-propylamine	<0.19		0.19	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Phenanthrene	**0.10**		0.037	0.0052	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
Pyrene	**0.034**	**J**	0.037	0.0074	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*25 - 119*	*01/02/14 07:08*	*01/03/14 14:02*	*1*
2-Fluorophenol	*56*		*25 - 110*	*01/02/14 07:08*	*01/03/14 14:02*	*1*
Nitrobenzene-d5	*69*		*25 - 115*	*01/02/14 07:08*	*01/03/14 14:02*	*1*
Phenol-d5	*61*		*31 - 110*	*01/02/14 07:08*	*01/03/14 14:02*	*1*
Terphenyl-d14	*69*		*36 - 134*	*01/02/14 07:08*	*01/03/14 14:02*	*1*
2,4,6-Tribromophenol	*97*		*35 - 137*	*01/02/14 07:08*	*01/03/14 14:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**	**B**	0.51	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 02:16	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-02A-131219

Date Collected: 12/19/13 10:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-3

Matrix: Solid
Percent Solids: 91.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.021**		0.0045	0.0019	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Benzene	<0.0045		0.0045	0.00061	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Bromodichloromethane	<0.0045		0.0045	0.00077	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Bromoform	<0.0045		0.0045	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Bromomethane	<0.0045		0.0045	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Carbon disulfide	<0.0045		0.0045	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Carbon tetrachloride	<0.0045		0.0045	0.00081	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Chlorobenzene	<0.0045		0.0045	0.00045	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Chloroethane	<0.0045		0.0045	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Chloroform	<0.0045		0.0045	0.00051	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Chloromethane	<0.0045		0.0045	0.00094	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
cis-1,2-Dichloroethene	<0.0045		0.0045	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
cis-1,3-Dichloropropene	<0.0045		0.0045	0.00059	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Dibromochloromethane	<0.0045		0.0045	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,1-Dichloroethane	<0.0045		0.0045	0.00071	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,2-Dichloroethane	<0.0045		0.0045	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,1-Dichloroethene	<0.0045		0.0045	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,2-Dichloropropane	<0.0045		0.0045	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,3-Dichloropropene, Total	<0.0045		0.0045	0.00059	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Ethylbenzene	<0.0045		0.0045	0.00090	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
2-Hexanone	<0.0045		0.0045	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Methylene Chloride	<0.0045		0.0045	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0016	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
methyl isobutyl ketone	<0.0045		0.0045	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Methyl tert-butyl ether	<0.0045		0.0045	0.00074	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Styrene	<0.0045		0.0045	0.00059	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,1,2,2-Tetrachloroethane	<0.0045		0.0045	0.00090	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Tetrachloroethene	<0.0045		0.0045	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Toluene	<0.0045		0.0045	0.00062	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
trans-1,2-Dichloroethene	<0.0045		0.0045	0.00061	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
trans-1,3-Dichloropropene	<0.0045		0.0045	0.00080	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,1,1-Trichloroethane	<0.0045		0.0045	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
1,1,2-Trichloroethane	<0.0045		0.0045	0.00061	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Trichloroethene	<0.0045		0.0045	0.00074	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Vinyl chloride	<0.0045		0.0045	0.00094	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1
Xylenes, Total	<0.0089		0.0089	0.00040	mg/Kg	☼	12/21/13 06:55	12/31/13 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*	*12/21/13 06:55*	*12/31/13 18:16*	*1*
Dibromofluoromethane	*101*		*75 - 120*	*12/21/13 06:55*	*12/31/13 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 134*	*12/21/13 06:55*	*12/31/13 18:16*	*1*
Toluene-d8 (Surr)	*96*		*75 - 122*	*12/21/13 06:55*	*12/31/13 18:16*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Benzo[a]anthracene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1

Client Sample ID: GP-02A-131219

Date Collected: 12/19/13 10:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-3

Matrix: Solid
Percent Solids: 91.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.036		0.036	0.0078	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Carbazole	<0.18		0.18	0.093	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Chrysene	<0.036		0.036	0.0098	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Fluoranthene	<0.036		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0093	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2-Methylnaphthalene	<0.036		0.036	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-02A-131219

Date Collected: 12/19/13 10:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-3

Matrix: Solid
Percent Solids: 91.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Phenanthrene	<0.036		0.036	0.0050	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
Pyrene	<0.036		0.036	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*25 - 119*	*01/02/14 07:08*	*01/03/14 14:20*	*1*
2-Fluorophenol	*74*		*25 - 110*	*01/02/14 07:08*	*01/03/14 14:20*	*1*
Nitrobenzene-d5	*77*		*25 - 115*	*01/02/14 07:08*	*01/03/14 14:20*	*1*
Phenol-d5	*83*		*31 - 110*	*01/02/14 07:08*	*01/03/14 14:20*	*1*
Terphenyl-d14	*87*		*36 - 134*	*01/02/14 07:08*	*01/03/14 14:20*	*1*
2,4,6-Tribromophenol	*102*		*35 - 137*	*01/02/14 07:08*	*01/03/14 14:20*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.6**	**B**	0.49	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 02:22	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-02B-131219

Date Collected: 12/19/13 10:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-4

Matrix: Solid
Percent Solids: 91.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25	6.6	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Benzene	<1.3		1.3	0.38	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Bromodichloromethane	<10		10	1.7	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Bromoform	<10		10	2.2	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Bromomethane	<10		10	3.5	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Carbon disulfide	<25		25	2.2	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Carbon tetrachloride	<5.1		5.1	1.3	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Chlorobenzene	<5.1		5.1	0.73	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Chloroethane	<10		10	2.2	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Chloroform	<5.1		5.1	1.0	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Chloromethane	<10		10	2.3	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
cis-1,2-Dichloroethene	<5.1		5.1	0.62	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
cis-1,3-Dichloropropene	<5.1		5.1	0.90	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Dibromochloromethane	<10		10	1.8	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,1-Dichloroethane	<5.1		5.1	0.94	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,2-Dichloroethane	<5.1		5.1	1.4	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,1-Dichloroethene	<5.1		5.1	1.6	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,2-Dichloropropane	<5.1		5.1	0.99	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,3-Dichloropropene, Total	<5.1		5.1	0.90	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Ethylbenzene	**440**		1.3	0.64	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
2-Hexanone	<25		25	2.9	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Methylene Chloride	<25		25	3.5	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Methyl Ethyl Ketone	<25		25	7.5	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
methyl isobutyl ketone	<25		25	1.7	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Methyl tert-butyl ether	<10		10	2.2	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Styrene	<5.1		5.1	0.50	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,1,2,2-Tetrachloroethane	<5.1		5.1	1.2	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Tetrachloroethene	<5.1		5.1	0.85	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Toluene	**6.1**		1.3	0.58	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
trans-1,2-Dichloroethene	<5.1		5.1	1.3	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
trans-1,3-Dichloropropene	<5.1		5.1	1.1	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,1,1-Trichloroethane	<5.1		5.1	1.0	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
1,1,2-Trichloroethane	<5.1		5.1	1.4	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Trichloroethene	<2.5		2.5	0.94	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000
Vinyl chloride	<1.3		1.3	0.53	mg/Kg	☼	12/19/13 10:45	01/01/14 20:21	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*	*12/19/13 10:45*	*01/01/14 20:21*	*5000*
Dibromofluoromethane	*94*		*75 - 120*	*12/19/13 10:45*	*01/01/14 20:21*	*5000*
1,2-Dichloroethane-d4 (Surr)	*131*	*X*	*75 - 125*	*12/19/13 10:45*	*01/01/14 20:21*	*5000*
Toluene-d8 (Surr)	*104*		*75 - 120*	*12/19/13 10:45*	*01/01/14 20:21*	*5000*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**1700**		25	3.5	mg/Kg	☼	12/19/13 10:45	01/01/14 20:49	50000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*	*12/19/13 10:45*	*01/01/14 20:49*	*50000*
Dibromofluoromethane	*93*		*75 - 120*	*12/19/13 10:45*	*01/01/14 20:49*	*50000*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 125*	*12/19/13 10:45*	*01/01/14 20:49*	*50000*

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-02B-131219

Date Collected: 12/19/13 10:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-4

Matrix: Solid
Percent Solids: 91.4

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*75 - 120*	*12/19/13 10:45*	*01/01/14 20:49*	*50000*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.17		0.17	0.031	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Acenaphthylene	<0.17		0.17	0.023	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Anthracene	<0.17		0.17	0.029	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Benzo[a]anthracene	<0.17		0.17	0.023	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Benzo[a]pyrene	<0.17		0.17	0.034	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Benzo[b]fluoranthene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Benzo[g,h,i]perylene	<0.17		0.17	0.056	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Benzo[k]fluoranthene	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Bis(2-chloroethoxy)methane	<0.88		0.88	0.18	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Bis(2-chloroethyl)ether	<0.88		0.88	0.26	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Bis(2-ethylhexyl) phthalate	<0.88		0.88	0.32	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4-Bromophenyl phenyl ether	<0.88		0.88	0.23	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Butyl benzyl phthalate	<0.88		0.88	0.33	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Carbazole	<0.88		0.88	0.45	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4-Chloroaniline	<3.5		3.5	0.82	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4-Chloro-3-methylphenol	<1.7		1.7	0.59	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2-Chloronaphthalene	<0.88		0.88	0.19	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2-Chlorophenol	<0.88		0.88	0.30	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4-Chlorophenyl phenyl ether	<0.88		0.88	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Chrysene	<0.17		0.17	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Dibenz(a,h)anthracene	<0.17		0.17	0.034	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Dibenzofuran	<0.88		0.88	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
1,2-Dichlorobenzene	<0.88		0.88	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
1,3-Dichlorobenzene	<0.88		0.88	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
1,4-Dichlorobenzene	<0.88		0.88	0.22	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
3,3'-Dichlorobenzidine	<0.88		0.88	0.24	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,4-Dichlorophenol	<1.7		1.7	0.41	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Diethyl phthalate	<0.88		0.88	0.30	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,4-Dimethylphenol	<1.7		1.7	0.66	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Dimethyl phthalate	<0.88		0.88	0.23	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Di-n-butyl phthalate	<0.88		0.88	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4,6-Dinitro-2-methylphenol	<1.7		1.7	1.4	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,4-Dinitrophenol	<3.5		3.5	3.1	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,4-Dinitrotoluene	<0.88		0.88	0.28	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,6-Dinitrotoluene	<0.88		0.88	0.34	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Di-n-octyl phthalate	<0.88		0.88	0.28	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Fluoranthene	**0.063**	**J**	0.17	0.032	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Fluorene	**0.12**	**J**	0.17	0.025	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Hexachlorobenzene	<0.35		0.35	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Hexachlorobutadiene	<0.88		0.88	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Hexachlorocyclopentadiene	<3.5		3.5	1.0	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Hexachloroethane	<0.88		0.88	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Indeno[1,2,3-cd]pyrene	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Isophorone	<0.88		0.88	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2-Methylnaphthalene	**5.5**		0.17	0.032	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-02B-131219

Date Collected: 12/19/13 10:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-4

Matrix: Solid
Percent Solids: 91.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.88		0.88	0.28	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
3 & 4 Methylphenol	<0.88		0.88	0.29	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Naphthalene	**5.3**		0.17	0.027	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2-Nitroaniline	<0.88		0.88	0.23	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
3-Nitroaniline	<1.7		1.7	0.54	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4-Nitroaniline	<1.7		1.7	0.73	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Nitrobenzene	<0.17		0.17	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2-Nitrophenol	<1.7		1.7	0.41	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
4-Nitrophenol	<3.5		3.5	1.7	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
N-Nitrosodi-n-propylamine	<0.88		0.88	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
N-Nitrosodiphenylamine	<0.88		0.88	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,2'-oxybis[1-chloropropane]	<0.88		0.88	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Pentachlorophenol	<3.5		3.5	2.8	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Phenanthrene	**0.24**		0.17	0.024	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Phenol	<0.88		0.88	0.39	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
Pyrene	**0.10**	**J**	0.17	0.035	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
1,2,4-Trichlorobenzene	<0.88		0.88	0.19	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,4,5-Trichlorophenol	<1.7		1.7	0.40	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5
2,4,6-Trichlorophenol	<1.7		1.7	0.60	mg/Kg	☼	01/02/14 07:08	01/08/14 10:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*122*	*X*	*25 - 119*	*01/02/14 07:08*	*01/08/14 10:57*	*5*
2-Fluorophenol	*96*		*25 - 110*	*01/02/14 07:08*	*01/08/14 10:57*	*5*
Nitrobenzene-d5	*98*		*25 - 115*	*01/02/14 07:08*	*01/08/14 10:57*	*5*
Phenol-d5	*100*		*31 - 110*	*01/02/14 07:08*	*01/08/14 10:57*	*5*
Terphenyl-d14	*104*		*36 - 134*	*01/02/14 07:08*	*01/08/14 10:57*	*5*
2,4,6-Tribromophenol	*121*		*35 - 137*	*01/02/14 07:08*	*01/08/14 10:57*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.4**	**B**	0.52	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 02:29	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-03A-131219

Date Collected: 12/19/13 11:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-5

Matrix: Solid
Percent Solids: 88.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**		0.0048	0.0021	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Benzene	<0.0048		0.0048	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Bromodichloromethane	<0.0048		0.0048	0.00083	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Bromoform	<0.0048		0.0048	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Bromomethane	<0.0048		0.0048	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Carbon disulfide	<0.0048		0.0048	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Carbon tetrachloride	<0.0048		0.0048	0.00087	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Chlorobenzene	<0.0048		0.0048	0.00049	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Chloroethane	<0.0048		0.0048	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Chloroform	<0.0048		0.0048	0.00055	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Chloromethane	<0.0048		0.0048	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
cis-1,2-Dichloroethene	<0.0048		0.0048	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
cis-1,3-Dichloropropene	<0.0048		0.0048	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Dibromochloromethane	<0.0048		0.0048	0.00084	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,1-Dichloroethane	<0.0048		0.0048	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,2-Dichloroethane	<0.0048		0.0048	0.00071	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,1-Dichloroethene	<0.0048		0.0048	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,2-Dichloropropane	<0.0048		0.0048	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,3-Dichloropropene, Total	<0.0048		0.0048	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Ethylbenzene	<0.0048		0.0048	0.00097	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
2-Hexanone	<0.0048		0.0048	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Methylene Chloride	<0.0048		0.0048	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0017	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
methyl isobutyl ketone	<0.0048		0.0048	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Methyl tert-butyl ether	<0.0048		0.0048	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Styrene	<0.0048		0.0048	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,1,2,2-Tetrachloroethane	<0.0048		0.0048	0.00097	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Tetrachloroethene	<0.0048		0.0048	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Toluene	<0.0048		0.0048	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
trans-1,2-Dichloroethene	<0.0048		0.0048	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
trans-1,3-Dichloropropene	<0.0048		0.0048	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,1,1-Trichloroethane	<0.0048		0.0048	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
1,1,2-Trichloroethane	<0.0048		0.0048	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Trichloroethene	<0.0048		0.0048	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Vinyl chloride	<0.0048		0.0048	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1
Xylenes, Total	<0.0096		0.0096	0.00043	mg/Kg	☼	12/21/13 06:55	12/31/13 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 122*	*12/21/13 06:55*	*12/31/13 18:38*	*1*
Dibromofluoromethane	*104*		*75 - 120*	*12/21/13 06:55*	*12/31/13 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*12/21/13 06:55*	*12/31/13 18:38*	*1*
Toluene-d8 (Surr)	*97*		*75 - 122*	*12/21/13 06:55*	*12/31/13 18:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Benzo[a]pyrene	<0.036		0.036	0.0071	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1

Client Sample ID: GP-03A-131219

Lab Sample ID: 500-69043-5

Date Collected: 12/19/13 11:30
Date Received: 12/20/13 17:15

Matrix: Solid
Percent Solids: 88.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.036		0.036	0.0079	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Carbazole	<0.18		0.18	0.095	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Chrysene	<0.036		0.036	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,4-Dinitrophenol	<0.74		0.74	0.64	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0095	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2-Methylnaphthalene	<0.036		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-03A-131219

Date Collected: 12/19/13 11:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-5

Matrix: Solid
Percent Solids: 88.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Phenanthrene	<0.036		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
Pyrene	<0.036		0.036	0.0073	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*25 - 119*	*01/02/14 07:08*	*01/03/14 17:33*	*1*
2-Fluorophenol	*73*		*25 - 110*	*01/02/14 07:08*	*01/03/14 17:33*	*1*
Nitrobenzene-d5	*79*		*25 - 115*	*01/02/14 07:08*	*01/03/14 17:33*	*1*
Phenol-d5	*85*		*31 - 110*	*01/02/14 07:08*	*01/03/14 17:33*	*1*
Terphenyl-d14	*87*		*36 - 134*	*01/02/14 07:08*	*01/03/14 17:33*	*1*
2,4,6-Tribromophenol	*106*		*35 - 137*	*01/02/14 07:08*	*01/03/14 17:33*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.1**	**B**	0.56	0.17	mg/Kg	☼	12/31/13 09:30	01/01/14 02:35	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-03B-131219

Date Collected: 12/19/13 11:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-6

Matrix: Solid
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.56		0.56	0.14	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Benzene	<0.028		0.028	0.0082	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Bromodichloromethane	<0.22		0.22	0.038	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Bromoform	<0.22		0.22	0.049	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Bromomethane	<0.22		0.22	0.076	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Carbon disulfide	<0.56		0.56	0.047	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Carbon tetrachloride	<0.11		0.11	0.029	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Chlorobenzene	<0.11		0.11	0.016	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Chloroethane	<0.22		0.22	0.048	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Chloroform	<0.11		0.11	0.023	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Chloromethane	<0.22		0.22	0.051	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
cis-1,2-Dichloroethene	<0.11		0.11	0.014	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
cis-1,3-Dichloropropene	<0.11		0.11	0.020	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Dibromochloromethane	<0.22		0.22	0.038	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,1-Dichloroethane	<0.11		0.11	0.021	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,2-Dichloroethane	<0.11		0.11	0.032	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,1-Dichloroethene	<0.11		0.11	0.034	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,2-Dichloropropane	<0.11		0.11	0.022	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,3-Dichloropropene, Total	<0.11		0.11	0.020	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
2-Hexanone	<0.56		0.56	0.062	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Methylene Chloride	<0.56		0.56	0.076	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Methyl Ethyl Ketone	<0.56		0.56	0.16	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
methyl isobutyl ketone	<0.56		0.56	0.037	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Methyl tert-butyl ether	<0.22		0.22	0.048	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Styrene	<0.11		0.11	0.011	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,1,2,2-Tetrachloroethane	<0.11		0.11	0.026	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Tetrachloroethene	<0.11		0.11	0.019	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Toluene	**1.8**		0.028	0.013	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
trans-1,2-Dichloroethene	<0.11		0.11	0.028	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
trans-1,3-Dichloropropene	<0.11		0.11	0.023	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,1,1-Trichloroethane	<0.11		0.11	0.022	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
1,1,2-Trichloroethane	<0.11		0.11	0.031	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Trichloroethene	<0.056		0.056	0.021	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100
Vinyl chloride	<0.028		0.028	0.012	mg/Kg	☼	12/19/13 11:45	01/01/14 21:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*	*12/19/13 11:45*	*01/01/14 21:16*	*100*
Dibromofluoromethane	*89*		*75 - 120*	*12/19/13 11:45*	*01/01/14 21:16*	*100*
1,2-Dichloroethane-d4 (Surr)	*133*	*X*	*75 - 125*	*12/19/13 11:45*	*01/01/14 21:16*	*100*
Toluene-d8 (Surr)	*102*		*75 - 120*	*12/19/13 11:45*	*01/01/14 21:16*	*100*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**79**		0.28	0.14	mg/Kg	☼	12/19/13 11:45	01/01/14 21:43	1000
Xylenes, Total	**210**		0.56	0.076	mg/Kg	☼	12/19/13 11:45	01/01/14 21:43	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*	*12/19/13 11:45*	*01/01/14 21:43*	*1000*
Dibromofluoromethane	*96*		*75 - 120*	*12/19/13 11:45*	*01/01/14 21:43*	*1000*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*	*12/19/13 11:45*	*01/01/14 21:43*	*1000*

Client Sample ID: GP-03B-131219

Date Collected: 12/19/13 11:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-6

Matrix: Solid
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*75 - 120*	*12/19/13 11:45*	*01/01/14 21:43*	*1000*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,4-Dimethylphenol	**0.40**		0.37	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4,6-Dinitro-2-methylphenol	<0.37		0.37	0.30	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Fluoranthene	**0.0090**	**J**	0.037	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Fluorene	**0.020**	**J**	0.037	0.0052	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2-Methylnaphthalene	**1.8**		0.037	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-03B-131219

Date Collected: 12/19/13 11:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-6

Matrix: Solid
Percent Solids: 86.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Naphthalene	**1.6**		0.037	0.0057	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
N-Nitrosodi-n-propylamine	<0.19		0.19	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Phenanthrene	**0.024**	**J**	0.037	0.0052	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
Pyrene	<0.037		0.037	0.0074	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*25 - 119*	*01/02/14 07:08*	*01/03/14 17:52*	*1*
2-Fluorophenol	*56*		*25 - 110*	*01/02/14 07:08*	*01/03/14 17:52*	*1*
Nitrobenzene-d5	*64*		*25 - 115*	*01/02/14 07:08*	*01/03/14 17:52*	*1*
Phenol-d5	*66*		*31 - 110*	*01/02/14 07:08*	*01/03/14 17:52*	*1*
Terphenyl-d14	*69*		*36 - 134*	*01/02/14 07:08*	*01/03/14 17:52*	*1*
2,4,6-Tribromophenol	*110*		*35 - 137*	*01/02/14 07:08*	*01/03/14 17:52*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.2**	**B**	0.51	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 02:41	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-05A-131219

Date Collected: 12/19/13 13:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-7

Matrix: Solid
Percent Solids: 92.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.022**		0.0048	0.0021	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Benzene	<0.0048		0.0048	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Bromodichloromethane	<0.0048		0.0048	0.00082	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Bromoform	<0.0048		0.0048	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Bromomethane	<0.0048		0.0048	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Carbon disulfide	<0.0048		0.0048	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Carbon tetrachloride	<0.0048		0.0048	0.00087	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Chlorobenzene	<0.0048		0.0048	0.00049	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Chloroethane	<0.0048		0.0048	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Chloroform	<0.0048		0.0048	0.00055	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Chloromethane	<0.0048		0.0048	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
cis-1,2-Dichloroethene	<0.0048		0.0048	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
cis-1,3-Dichloropropene	<0.0048		0.0048	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Dibromochloromethane	<0.0048		0.0048	0.00083	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,1-Dichloroethane	<0.0048		0.0048	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,2-Dichloroethane	<0.0048		0.0048	0.00071	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,1-Dichloroethene	<0.0048		0.0048	0.00077	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,2-Dichloropropane	<0.0048		0.0048	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,3-Dichloropropene, Total	<0.0048		0.0048	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Ethylbenzene	<0.0048		0.0048	0.00097	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
2-Hexanone	<0.0048		0.0048	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Methylene Chloride	<0.0048		0.0048	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Methyl Ethyl Ketone	**0.0054**		0.0048	0.0017	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
methyl isobutyl ketone	<0.0048		0.0048	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Methyl tert-butyl ether	<0.0048		0.0048	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Styrene	<0.0048		0.0048	0.00063	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,1,2,2-Tetrachloroethane	<0.0048		0.0048	0.00097	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Tetrachloroethene	<0.0048		0.0048	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Toluene	<0.0048		0.0048	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
trans-1,2-Dichloroethene	<0.0048		0.0048	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
trans-1,3-Dichloropropene	<0.0048		0.0048	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,1,1-Trichloroethane	<0.0048		0.0048	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
1,1,2-Trichloroethane	<0.0048		0.0048	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Trichloroethene	<0.0048		0.0048	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Vinyl chloride	<0.0048		0.0048	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1
Xylenes, Total	<0.0096		0.0096	0.00043	mg/Kg	☼	12/21/13 06:55	12/31/13 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*	*12/21/13 06:55*	*12/31/13 19:01*	*1*
Dibromofluoromethane	*102*		*75 - 120*	*12/21/13 06:55*	*12/31/13 19:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*	*12/21/13 06:55*	*12/31/13 19:01*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*	*12/21/13 06:55*	*12/31/13 19:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.035		0.035	0.0063	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Acenaphthylene	<0.035		0.035	0.0046	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Anthracene	<0.035		0.035	0.0059	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Benzo[a]anthracene	<0.035		0.035	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Benzo[a]pyrene	<0.035		0.035	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1

Client Sample ID: GP-05A-131219

Date Collected: 12/19/13 13:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-7

Matrix: Solid
Percent Solids: 92.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.035		0.035	0.0076	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Benzo[g,h,i]perylene	<0.035		0.035	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Benzo[k]fluoranthene	<0.035		0.035	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.064	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Butyl benzyl phthalate	<0.18		0.18	0.067	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Carbazole	<0.18		0.18	0.091	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4-Chloroaniline	<0.71		0.71	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2-Chlorophenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Chrysene	<0.035		0.035	0.0096	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Dibenzofuran	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
1,4-Dichlorobenzene	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,4-Dichlorophenol	<0.35		0.35	0.083	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4,6-Dinitro-2-methylphenol	<0.35		0.35	0.28	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,4-Dinitrophenol	<0.71		0.71	0.62	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,4-Dinitrotoluene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,6-Dinitrotoluene	<0.18		0.18	0.069	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Di-n-octyl phthalate	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Fluoranthene	<0.035		0.035	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Fluorene	<0.035		0.035	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Hexachlorobenzene	<0.071		0.071	0.0081	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Hexachlorobutadiene	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Hexachlorocyclopentadiene	<0.71		0.71	0.20	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Hexachloroethane	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.0091	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Isophorone	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2-Methylnaphthalene	<0.035		0.035	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2-Methylphenol	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
3 & 4 Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Naphthalene	<0.035		0.035	0.0054	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2-Nitroaniline	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Nitrobenzene	<0.035		0.035	0.0088	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2-Nitrophenol	<0.35		0.35	0.083	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
4-Nitrophenol	<0.71		0.71	0.33	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-05A-131219

Date Collected: 12/19/13 13:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-7

Matrix: Solid
Percent Solids: 92.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
N-Nitrosodiphenylamine	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Pentachlorophenol	<0.71		0.71	0.56	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Phenanthrene	<0.035		0.035	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Phenol	<0.18		0.18	0.078	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
Pyrene	<0.035		0.035	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,4,5-Trichlorophenol	<0.35		0.35	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*25 - 119*	*01/02/14 07:08*	*01/03/14 18:11*	*1*
2-Fluorophenol	*58*		*25 - 110*	*01/02/14 07:08*	*01/03/14 18:11*	*1*
Nitrobenzene-d5	*74*		*25 - 115*	*01/02/14 07:08*	*01/03/14 18:11*	*1*
Phenol-d5	*81*		*31 - 110*	*01/02/14 07:08*	*01/03/14 18:11*	*1*
Terphenyl-d14	*79*		*36 - 134*	*01/02/14 07:08*	*01/03/14 18:11*	*1*
2,4,6-Tribromophenol	*96*		*35 - 137*	*01/02/14 07:08*	*01/03/14 18:11*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.3**	**B**	0.46	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 02:47	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-05B-131219

Date Collected: 12/19/13 13:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-8

Matrix: Solid
Percent Solids: 91.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.23		0.23	0.061	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Benzene	<0.012		0.012	0.0035	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Bromodichloromethane	<0.093		0.093	0.016	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Bromoform	<0.093		0.093	0.021	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Bromomethane	<0.093		0.093	0.032	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Carbon disulfide	<0.23		0.23	0.020	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Carbon tetrachloride	<0.047		0.047	0.012	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Chlorobenzene	<0.047		0.047	0.0067	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Chloroethane	<0.093		0.093	0.020	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Chloroform	<0.047		0.047	0.0096	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Chloromethane	<0.093		0.093	0.022	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
cis-1,2-Dichloroethene	<0.047		0.047	0.0057	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
cis-1,3-Dichloropropene	<0.047		0.047	0.0083	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Dibromochloromethane	<0.093		0.093	0.016	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,1-Dichloroethane	<0.047		0.047	0.0086	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,2-Dichloroethane	<0.047		0.047	0.013	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,1-Dichloroethene	<0.047		0.047	0.014	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,2-Dichloropropane	<0.047		0.047	0.0091	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,3-Dichloropropene, Total	<0.047		0.047	0.0083	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Ethylbenzene	**5.8**		0.012	0.0059	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
2-Hexanone	<0.23		0.23	0.026	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Methylene Chloride	<0.23		0.23	0.032	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Methyl Ethyl Ketone	<0.23		0.23	0.069	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
methyl isobutyl ketone	<0.23		0.23	0.015	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Methyl tert-butyl ether	<0.093		0.093	0.020	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Styrene	<0.047		0.047	0.0046	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,1,2,2-Tetrachloroethane	<0.047		0.047	0.011	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Tetrachloroethene	<0.047		0.047	0.0078	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Toluene	**0.13**		0.012	0.0054	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
trans-1,2-Dichloroethene	<0.047		0.047	0.012	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
trans-1,3-Dichloropropene	<0.047		0.047	0.0097	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,1,1-Trichloroethane	<0.047		0.047	0.0094	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
1,1,2-Trichloroethane	<0.047		0.047	0.013	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Trichloroethene	<0.023		0.023	0.0087	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50
Vinyl chloride	<0.012		0.012	0.0048	mg/Kg	☼	12/19/13 13:45	01/01/14 22:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*	*12/19/13 13:45*	*01/01/14 22:10*	*50*
Dibromofluoromethane	*93*		*75 - 120*	*12/19/13 13:45*	*01/01/14 22:10*	*50*
1,2-Dichloroethane-d4 (Surr)	*127*	*X*	*75 - 125*	*12/19/13 13:45*	*01/01/14 22:10*	*50*
Toluene-d8 (Surr)	*101*		*75 - 120*	*12/19/13 13:45*	*01/01/14 22:10*	*50*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**18**		0.23	0.032	mg/Kg	☼	12/19/13 13:45	01/02/14 12:51	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*	*12/19/13 13:45*	*01/02/14 12:51*	*500*
Dibromofluoromethane	*92*		*75 - 120*	*12/19/13 13:45*	*01/02/14 12:51*	*500*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*	*12/19/13 13:45*	*01/02/14 12:51*	*500*

Client Sample ID: GP-05B-131219

Date Collected: 12/19/13 13:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-8

Matrix: Solid
Percent Solids: 91.1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		75 - 120	12/19/13 13:45	01/02/14 12:51	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.18		0.18	0.033	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Acenaphthylene	<0.18		0.18	0.024	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Anthracene	<0.18		0.18	0.030	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Benzo[a]anthracene	<0.18		0.18	0.024	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Benzo[a]pyrene	<0.18		0.18	0.035	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Benzo[b]fluoranthene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Benzo[g,h,i]perylene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Benzo[k]fluoranthene	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Bis(2-chloroethoxy)methane	<0.91		0.91	0.18	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Bis(2-chloroethyl)ether	<0.91		0.91	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Bis(2-ethylhexyl) phthalate	<0.91		0.91	0.33	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4-Bromophenyl phenyl ether	<0.91		0.91	0.24	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Butyl benzyl phthalate	<0.91		0.91	0.34	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Carbazole	<0.91		0.91	0.47	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4-Chloroaniline	<3.6		3.6	0.85	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4-Chloro-3-methylphenol	<1.8		1.8	0.62	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2-Chloronaphthalene	<0.91		0.91	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2-Chlorophenol	<0.91		0.91	0.31	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4-Chlorophenyl phenyl ether	<0.91		0.91	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Chrysene	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Dibenz(a,h)anthracene	<0.18		0.18	0.035	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Dibenzofuran	<0.91		0.91	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
1,2-Dichlorobenzene	<0.91		0.91	0.22	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
1,3-Dichlorobenzene	<0.91		0.91	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
1,4-Dichlorobenzene	<0.91		0.91	0.23	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
3,3'-Dichlorobenzidine	<0.91		0.91	0.25	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,4-Dichlorophenol	<1.8		1.8	0.43	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Diethyl phthalate	<0.91		0.91	0.31	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,4-Dimethylphenol	<1.8		1.8	0.69	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Dimethyl phthalate	<0.91		0.91	0.24	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Di-n-butyl phthalate	<0.91		0.91	0.28	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4,6-Dinitro-2-methylphenol	<1.8		1.8	1.5	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,4-Dinitrophenol	<3.6		3.6	3.2	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,4-Dinitrotoluene	<0.91		0.91	0.29	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,6-Dinitrotoluene	<0.91		0.91	0.36	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Di-n-octyl phthalate	**0.63**	**J**	0.91	0.30	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Fluoranthene	<0.18		0.18	0.034	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Fluorene	**0.15**	**J**	0.18	0.025	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Hexachlorobenzene	<0.36		0.36	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Hexachlorobutadiene	<0.91		0.91	0.28	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Hexachlorocyclopentadiene	<3.6		3.6	1.0	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Hexachloroethane	<0.91		0.91	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Indeno[1,2,3-cd]pyrene	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Isophorone	<0.91		0.91	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2-Methylnaphthalene	**5.8**		0.18	0.033	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-05B-131219

Date Collected: 12/19/13 13:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-8

Matrix: Solid
Percent Solids: 91.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.91		0.91	0.29	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
3 & 4 Methylphenol	<0.91		0.91	0.30	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Naphthalene	**3.5**		0.18	0.028	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2-Nitroaniline	<0.91		0.91	0.24	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
3-Nitroaniline	<1.8		1.8	0.56	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4-Nitroaniline	<1.8		1.8	0.76	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Nitrobenzene	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2-Nitrophenol	<1.8		1.8	0.43	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
4-Nitrophenol	<3.6		3.6	1.7	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
N-Nitrosodi-n-propylamine	<0.91		0.91	0.22	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
N-Nitrosodiphenylamine	<0.91		0.91	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,2'-oxybis[1-chloropropane]	<0.91		0.91	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Pentachlorophenol	<3.6		3.6	2.9	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Phenanthrene	**0.19**		0.18	0.025	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Phenol	<0.91		0.91	0.40	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
Pyrene	**0.052**	**J**	0.18	0.036	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
1,2,4-Trichlorobenzene	<0.91		0.91	0.19	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,4,5-Trichlorophenol	<1.8		1.8	0.41	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5
2,4,6-Trichlorophenol	<1.8		1.8	0.62	mg/Kg	☼	01/02/14 07:08	01/08/14 11:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*104*		*25 - 119*	*01/02/14 07:08*	*01/08/14 11:17*	*5*
2-Fluorophenol	*91*		*25 - 110*	*01/02/14 07:08*	*01/08/14 11:17*	*5*
Nitrobenzene-d5	*78*		*25 - 115*	*01/02/14 07:08*	*01/08/14 11:17*	*5*
Phenol-d5	*95*		*31 - 110*	*01/02/14 07:08*	*01/08/14 11:17*	*5*
Terphenyl-d14	*95*		*36 - 134*	*01/02/14 07:08*	*01/08/14 11:17*	*5*
2,4,6-Tribromophenol	*94*		*35 - 137*	*01/02/14 07:08*	*01/08/14 11:17*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.9**	**B**	0.51	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 02:54	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-08A-131219

Lab Sample ID: 500-69043-9

Date Collected: 12/19/13 15:45
Date Received: 12/20/13 17:15

Matrix: Solid
Percent Solids: 94.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0069**		0.0047	0.0020	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Benzene	<0.0047		0.0047	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Bromodichloromethane	<0.0047		0.0047	0.00082	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Bromoform	<0.0047		0.0047	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Bromomethane	<0.0047		0.0047	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Carbon disulfide	<0.0047		0.0047	0.00071	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Carbon tetrachloride	<0.0047		0.0047	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Chlorobenzene	<0.0047		0.0047	0.00048	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Chloroethane	<0.0047		0.0047	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Chloroform	<0.0047		0.0047	0.00055	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Chloromethane	<0.0047		0.0047	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
cis-1,2-Dichloroethene	<0.0047		0.0047	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
cis-1,3-Dichloropropene	<0.0047		0.0047	0.00062	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Dibromochloromethane	<0.0047		0.0047	0.00082	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,1-Dichloroethane	<0.0047		0.0047	0.00075	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,2-Dichloroethane	<0.0047		0.0047	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,1-Dichloroethene	<0.0047		0.0047	0.00077	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,2-Dichloropropane	<0.0047		0.0047	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,3-Dichloropropene, Total	<0.0047		0.0047	0.00062	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Ethylbenzene	<0.0047		0.0047	0.00096	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
2-Hexanone	<0.0047		0.0047	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Methylene Chloride	<0.0047		0.0047	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0017	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
methyl isobutyl ketone	<0.0047		0.0047	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Methyl tert-butyl ether	<0.0047		0.0047	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Styrene	<0.0047		0.0047	0.00062	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,1,2,2-Tetrachloroethane	<0.0047		0.0047	0.00096	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Tetrachloroethene	<0.0047		0.0047	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Toluene	<0.0047		0.0047	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
trans-1,2-Dichloroethene	<0.0047		0.0047	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
trans-1,3-Dichloropropene	<0.0047		0.0047	0.00085	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,1,1-Trichloroethane	<0.0047		0.0047	0.00071	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
1,1,2-Trichloroethane	<0.0047		0.0047	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Trichloroethene	<0.0047		0.0047	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Vinyl chloride	<0.0047		0.0047	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1
Xylenes, Total	<0.0095		0.0095	0.00043	mg/Kg	☼	12/21/13 06:55	12/31/13 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 122*	*12/21/13 06:55*	*12/31/13 19:24*	*1*
Dibromofluoromethane	*100*		*75 - 120*	*12/21/13 06:55*	*12/31/13 19:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*	*12/21/13 06:55*	*12/31/13 19:24*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*	*12/21/13 06:55*	*12/31/13 19:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.034		0.034	0.0061	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Acenaphthylene	<0.034		0.034	0.0045	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Anthracene	<0.034		0.034	0.0057	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Benzo[a]anthracene	<0.034		0.034	0.0046	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Benzo[a]pyrene	<0.034		0.034	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1

Client Sample ID: GP-08A-131219

Date Collected: 12/19/13 15:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-9

Matrix: Solid
Percent Solids: 94.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.034		0.034	0.0073	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Benzo[g,h,i]perylene	<0.034		0.034	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Benzo[k]fluoranthene	<0.034		0.034	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.035	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Butyl benzyl phthalate	<0.17		0.17	0.065	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Carbazole	<0.17		0.17	0.088	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4-Chloroaniline	<0.69		0.69	0.16	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4-Chloro-3-methylphenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2-Chloronaphthalene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2-Chlorophenol	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Chrysene	<0.034		0.034	0.0093	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Dibenz(a,h)anthracene	<0.034		0.034	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Dibenzofuran	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
1,2-Dichlorobenzene	<0.17		0.17	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
1,3-Dichlorobenzene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
1,4-Dichlorobenzene	<0.17		0.17	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,4-Dichlorophenol	<0.34		0.34	0.081	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Diethyl phthalate	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,4-Dimethylphenol	<0.34		0.34	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Dimethyl phthalate	<0.17		0.17	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Di-n-butyl phthalate	<0.17		0.17	0.052	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4,6-Dinitro-2-methylphenol	<0.34		0.34	0.27	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,4-Dinitrophenol	<0.69		0.69	0.60	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,4-Dinitrotoluene	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,6-Dinitrotoluene	<0.17		0.17	0.067	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Di-n-octyl phthalate	<0.17		0.17	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Fluoranthene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Fluorene	<0.034		0.034	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Hexachlorobenzene	<0.069		0.069	0.0079	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Hexachlorobutadiene	<0.17		0.17	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Hexachlorocyclopentadiene	<0.69		0.69	0.20	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Hexachloroethane	<0.17		0.17	0.052	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Indeno[1,2,3-cd]pyrene	<0.034		0.034	0.0088	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Isophorone	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2-Methylnaphthalene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2-Methylphenol	<0.17		0.17	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
3 & 4 Methylphenol	<0.17		0.17	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Naphthalene	<0.034		0.034	0.0052	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2-Nitroaniline	<0.17		0.17	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
3-Nitroaniline	<0.34		0.34	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4-Nitroaniline	<0.34		0.34	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Nitrobenzene	<0.034		0.034	0.0085	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2-Nitrophenol	<0.34		0.34	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
4-Nitrophenol	<0.69		0.69	0.32	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-08A-131219

Date Collected: 12/19/13 15:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-9

Matrix: Solid
Percent Solids: 94.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.17		0.17	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
N-Nitrosodiphenylamine	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Pentachlorophenol	<0.69		0.69	0.55	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Phenanthrene	<0.034		0.034	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Phenol	<0.17		0.17	0.076	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
Pyrene	<0.034		0.034	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.037	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,4,5-Trichlorophenol	<0.34		0.34	0.078	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1
2,4,6-Trichlorophenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*25 - 119*	*01/02/14 07:08*	*01/03/14 18:48*	*1*
2-Fluorophenol	*72*		*25 - 110*	*01/02/14 07:08*	*01/03/14 18:48*	*1*
Nitrobenzene-d5	*78*		*25 - 115*	*01/02/14 07:08*	*01/03/14 18:48*	*1*
Phenol-d5	*88*		*31 - 110*	*01/02/14 07:08*	*01/03/14 18:48*	*1*
Terphenyl-d14	*84*		*36 - 134*	*01/02/14 07:08*	*01/03/14 18:48*	*1*
2,4,6-Tribromophenol	*101*		*35 - 137*	*01/02/14 07:08*	*01/03/14 18:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.5**	**B**	0.47	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 03:00	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-08B-131219

Date Collected: 12/19/13 16:00
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-10

Matrix: Solid
Percent Solids: 90.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.24		0.24	0.061	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Benzene	<0.012		0.012	0.0035	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Bromodichloromethane	<0.094		0.094	0.016	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Bromoform	<0.094		0.094	0.021	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Bromomethane	<0.094		0.094	0.032	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Carbon disulfide	<0.24		0.24	0.020	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Carbon tetrachloride	<0.047		0.047	0.012	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Chlorobenzene	<0.047		0.047	0.0067	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Chloroethane	<0.094		0.094	0.020	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Chloroform	<0.047		0.047	0.0097	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Chloromethane	<0.094		0.094	0.022	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
cis-1,2-Dichloroethene	<0.047		0.047	0.0058	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
cis-1,3-Dichloropropene	<0.047		0.047	0.0084	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Dibromochloromethane	<0.094		0.094	0.016	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,1-Dichloroethane	<0.047		0.047	0.0087	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,2-Dichloroethane	<0.047		0.047	0.013	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,1-Dichloroethene	<0.047		0.047	0.014	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,2-Dichloropropane	<0.047		0.047	0.0092	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,3-Dichloropropene, Total	<0.047		0.047	0.0084	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Ethylbenzene	**2.4**		0.012	0.0059	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
2-Hexanone	<0.24		0.24	0.026	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Methylene Chloride	<0.24		0.24	0.032	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Methyl Ethyl Ketone	<0.24		0.24	0.069	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
methyl isobutyl ketone	<0.24		0.24	0.016	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Methyl tert-butyl ether	<0.094		0.094	0.020	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Styrene	<0.047		0.047	0.0047	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,1,2,2-Tetrachloroethane	<0.047		0.047	0.011	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Tetrachloroethene	<0.047		0.047	0.0079	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Toluene	**0.027**		0.012	0.0054	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
trans-1,2-Dichloroethene	<0.047		0.047	0.012	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
trans-1,3-Dichloropropene	<0.047		0.047	0.0098	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,1,1-Trichloroethane	<0.047		0.047	0.0095	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
1,1,2-Trichloroethane	<0.047		0.047	0.013	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Trichloroethene	<0.024		0.024	0.0088	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Vinyl chloride	<0.012		0.012	0.0049	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50
Xylenes, Total	**4.1**		0.024	0.0032	mg/Kg	☼	12/19/13 16:00	01/01/14 22:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*	*12/19/13 16:00*	*01/01/14 22:37*	*50*
Dibromofluoromethane	*92*		*75 - 120*	*12/19/13 16:00*	*01/01/14 22:37*	*50*
1,2-Dichloroethane-d4 (Surr)	*129*	*X*	*75 - 125*	*12/19/13 16:00*	*01/01/14 22:37*	*50*
Toluene-d8 (Surr)	*104*		*75 - 120*	*12/19/13 16:00*	*01/01/14 22:37*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.035		0.035	0.0063	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Acenaphthylene	<0.035		0.035	0.0046	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Anthracene	<0.035		0.035	0.0058	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Benzo[a]anthracene	<0.035		0.035	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Benzo[a]pyrene	<0.035		0.035	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-08B-131219
Date Collected: 12/19/13 16:00
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-10
Matrix: Solid
Percent Solids: 90.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.035		0.035	0.0075	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Benzo[g,h,i]perylene	<0.035		0.035	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Benzo[k]fluoranthene	<0.035		0.035	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.052	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.064	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Butyl benzyl phthalate	<0.18		0.18	0.066	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4-Chloroaniline	<0.70		0.70	0.16	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2-Chlorophenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Chrysene	<0.035		0.035	0.0095	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0068	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Dibenzofuran	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
1,3-Dichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
1,4-Dichlorobenzene	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,4-Dichlorophenol	<0.35		0.35	0.083	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Diethyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Di-n-butyl phthalate	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4,6-Dinitro-2-methylphenol	<0.35		0.35	0.28	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,4-Dinitrophenol	<0.70		0.70	0.62	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,4-Dinitrotoluene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,6-Dinitrotoluene	<0.18		0.18	0.069	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Di-n-octyl phthalate	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Fluoranthene	<0.035		0.035	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Fluorene	<0.035		0.035	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Hexachlorobenzene	<0.070		0.070	0.0081	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Hexachlorobutadiene	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Hexachlorocyclopentadiene	<0.70		0.70	0.20	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Hexachloroethane	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.0091	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Isophorone	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2-Methylnaphthalene	**0.29**		0.035	0.0064	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2-Methylphenol	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
3 & 4 Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Naphthalene	**0.20**		0.035	0.0054	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2-Nitroaniline	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Nitrobenzene	<0.035		0.035	0.0087	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2-Nitrophenol	<0.35		0.35	0.083	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
4-Nitrophenol	<0.70		0.70	0.33	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-08B-131219

Date Collected: 12/19/13 16:00
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-10

Matrix: Solid
Percent Solids: 90.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
N-Nitrosodiphenylamine	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Pentachlorophenol	<0.70		0.70	0.56	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Phenanthrene	<0.035		0.035	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Phenol	<0.18		0.18	0.078	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
Pyrene	<0.035		0.035	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,4,5-Trichlorophenol	<0.35		0.35	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*25 - 119*	*01/02/14 07:08*	*01/03/14 19:07*	*1*
2-Fluorophenol	*72*		*25 - 110*	*01/02/14 07:08*	*01/03/14 19:07*	*1*
Nitrobenzene-d5	*75*		*25 - 115*	*01/02/14 07:08*	*01/03/14 19:07*	*1*
Phenol-d5	*81*		*31 - 110*	*01/02/14 07:08*	*01/03/14 19:07*	*1*
Terphenyl-d14	*78*		*36 - 134*	*01/02/14 07:08*	*01/03/14 19:07*	*1*
2,4,6-Tribromophenol	*95*		*35 - 137*	*01/02/14 07:08*	*01/03/14 19:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.8**	**B**	0.47	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 03:06	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06A-131219

Date Collected: 12/19/13 14:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-11

Matrix: Solid
Percent Solids: 94.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.028**		0.0053	0.0023	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Benzene	<0.0053		0.0053	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Bromodichloromethane	<0.0053		0.0053	0.00092	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Bromoform	<0.0053		0.0053	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Bromomethane	<0.0053		0.0053	0.0016	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Carbon disulfide	<0.0053		0.0053	0.00080	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Carbon tetrachloride	<0.0053		0.0053	0.00097	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Chlorobenzene	<0.0053		0.0053	0.00054	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Chloroethane	<0.0053		0.0053	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Chloroform	<0.0053		0.0053	0.00061	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Chloromethane	<0.0053		0.0053	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
cis-1,2-Dichloroethene	<0.0053		0.0053	0.00075	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
cis-1,3-Dichloropropene	<0.0053		0.0053	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Dibromochloromethane	<0.0053		0.0053	0.00093	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,1-Dichloroethane	<0.0053		0.0053	0.00084	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,2-Dichloroethane	<0.0053		0.0053	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,1-Dichloroethene	<0.0053		0.0053	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,2-Dichloropropane	<0.0053		0.0053	0.00081	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,3-Dichloropropene, Total	<0.0053		0.0053	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Ethylbenzene	<0.0053		0.0053	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
2-Hexanone	<0.0053		0.0053	0.0015	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Methylene Chloride	<0.0053		0.0053	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Methyl Ethyl Ketone	**0.0072**		0.0053	0.0019	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
methyl isobutyl ketone	<0.0053		0.0053	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Methyl tert-butyl ether	<0.0053		0.0053	0.00088	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Styrene	<0.0053		0.0053	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,1,2,2-Tetrachloroethane	<0.0053		0.0053	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Tetrachloroethene	<0.0053		0.0053	0.00081	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Toluene	**0.0030**	**J**	0.0053	0.00075	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
trans-1,2-Dichloroethene	<0.0053		0.0053	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
trans-1,3-Dichloropropene	<0.0053		0.0053	0.00095	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,1,1-Trichloroethane	<0.0053		0.0053	0.00080	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
1,1,2-Trichloroethane	<0.0053		0.0053	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Trichloroethene	<0.0053		0.0053	0.00088	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Vinyl chloride	<0.0053		0.0053	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1
Xylenes, Total	<0.011		0.011	0.00048	mg/Kg	☼	12/21/13 06:55	12/31/13 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 122*	*12/21/13 06:55*	*12/31/13 19:46*	*1*
Dibromofluoromethane	*98*		*75 - 120*	*12/21/13 06:55*	*12/31/13 19:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 134*	*12/21/13 06:55*	*12/31/13 19:46*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*	*12/21/13 06:55*	*12/31/13 19:46*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.034		0.034	0.0061	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Acenaphthylene	<0.034		0.034	0.0045	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Anthracene	<0.034		0.034	0.0056	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Benzo[a]anthracene	<0.034		0.034	0.0045	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Benzo[a]pyrene	<0.034		0.034	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06A-131219
Date Collected: 12/19/13 14:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-11
Matrix: Solid
Percent Solids: 94.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.034		0.034	0.0073	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Benzo[g,h,i]perylene	<0.034		0.034	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Benzo[k]fluoranthene	<0.034		0.034	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.034	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Butyl benzyl phthalate	<0.17		0.17	0.064	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Carbazole	<0.17		0.17	0.087	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4-Chloroaniline	<0.68		0.68	0.16	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4-Chloro-3-methylphenol	<0.34		0.34	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2-Chloronaphthalene	<0.17		0.17	0.037	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2-Chlorophenol	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Chrysene	<0.034		0.034	0.0092	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Dibenz(a,h)anthracene	<0.034		0.034	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Dibenzofuran	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
1,2-Dichlorobenzene	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
1,3-Dichlorobenzene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
1,4-Dichlorobenzene	<0.17		0.17	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,4-Dichlorophenol	<0.34		0.34	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Diethyl phthalate	<0.17		0.17	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,4-Dimethylphenol	<0.34		0.34	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Dimethyl phthalate	<0.17		0.17	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Di-n-butyl phthalate	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4,6-Dinitro-2-methylphenol	<0.34		0.34	0.27	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,4-Dinitrophenol	<0.68		0.68	0.59	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,4-Dinitrotoluene	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,6-Dinitrotoluene	<0.17		0.17	0.066	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Di-n-octyl phthalate	<0.17		0.17	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Fluoranthene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Fluorene	<0.034		0.034	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Hexachlorobenzene	<0.068		0.068	0.0078	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Hexachlorobutadiene	<0.17		0.17	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Hexachlorocyclopentadiene	<0.68		0.68	0.19	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Hexachloroethane	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Indeno[1,2,3-cd]pyrene	<0.034		0.034	0.0088	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Isophorone	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2-Methylnaphthalene	<0.034		0.034	0.0062	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2-Methylphenol	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
3 & 4 Methylphenol	<0.17		0.17	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Naphthalene	<0.034		0.034	0.0052	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2-Nitroaniline	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
3-Nitroaniline	<0.34		0.34	0.10	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4-Nitroaniline	<0.34		0.34	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Nitrobenzene	<0.034		0.034	0.0084	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2-Nitrophenol	<0.34		0.34	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
4-Nitrophenol	<0.68		0.68	0.32	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06A-131219
Date Collected: 12/19/13 14:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-11
Matrix: Solid
Percent Solids: 94.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.17		0.17	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
N-Nitrosodiphenylamine	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Pentachlorophenol	<0.68		0.68	0.54	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Phenanthrene	<0.034		0.034	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Phenol	<0.17		0.17	0.075	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
Pyrene	<0.034		0.034	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.036	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,4,5-Trichlorophenol	<0.34		0.34	0.077	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1
2,4,6-Trichlorophenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*25 - 119*	*01/02/14 07:08*	*01/03/14 19:25*	*1*
2-Fluorophenol	*69*		*25 - 110*	*01/02/14 07:08*	*01/03/14 19:25*	*1*
Nitrobenzene-d5	*83*		*25 - 115*	*01/02/14 07:08*	*01/03/14 19:25*	*1*
Phenol-d5	*89*		*31 - 110*	*01/02/14 07:08*	*01/03/14 19:25*	*1*
Terphenyl-d14	*83*		*36 - 134*	*01/02/14 07:08*	*01/03/14 19:25*	*1*
2,4,6-Tribromophenol	*114*		*35 - 137*	*01/02/14 07:08*	*01/03/14 19:25*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.6**	**B**	0.46	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 03:27	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06B-131219

Date Collected: 12/19/13 14:50
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-12

Matrix: Solid
Percent Solids: 90.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<2.7		2.7	0.69	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Benzene	<0.13		0.13	0.040	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Bromodichloromethane	<1.1		1.1	0.18	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Bromoform	<1.1		1.1	0.24	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Bromomethane	<1.1		1.1	0.36	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Carbon disulfide	<2.7		2.7	0.23	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Carbon tetrachloride	<0.53		0.53	0.14	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Chlorobenzene	<0.53		0.53	0.076	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Chloroethane	<1.1		1.1	0.23	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Chloroform	<0.53		0.53	0.11	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Chloromethane	<1.1		1.1	0.25	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
cis-1,2-Dichloroethene	<0.53		0.53	0.066	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
cis-1,3-Dichloropropene	<0.53		0.53	0.095	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Dibromochloromethane	<1.1		1.1	0.18	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,1-Dichloroethane	<0.53		0.53	0.099	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,2-Dichloroethane	<0.53		0.53	0.15	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,1-Dichloroethene	<0.53		0.53	0.16	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,2-Dichloropropane	<0.53		0.53	0.10	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,3-Dichloropropene, Total	<0.53		0.53	0.095	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Ethylbenzene	**0.90**		0.13	0.067	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
2-Hexanone	<2.7		2.7	0.30	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Methylene Chloride	<2.7		2.7	0.36	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Methyl Ethyl Ketone	<2.7		2.7	0.78	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
methyl isobutyl ketone	<2.7		2.7	0.18	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Methyl tert-butyl ether	<1.1		1.1	0.23	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Styrene	<0.53		0.53	0.053	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,1,2,2-Tetrachloroethane	<0.53		0.53	0.12	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Tetrachloroethene	<0.53		0.53	0.089	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Toluene	**0.17**		0.13	0.061	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
trans-1,2-Dichloroethene	<0.53		0.53	0.13	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
trans-1,3-Dichloropropene	<0.53		0.53	0.11	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,1,1-Trichloroethane	<0.53		0.53	0.11	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
1,1,2-Trichloroethane	<0.53		0.53	0.15	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Trichloroethene	<0.27		0.27	0.099	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Vinyl chloride	<0.13		0.13	0.056	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500
Xylenes, Total	**1.5**		0.27	0.037	mg/Kg	☼	12/19/13 14:50	01/01/14 23:05	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*	*12/19/13 14:50*	*01/01/14 23:05*	*500*
Dibromofluoromethane	*92*		*75 - 120*	*12/19/13 14:50*	*01/01/14 23:05*	*500*
1,2-Dichloroethane-d4 (Surr)	*150*	*X*	*75 - 125*	*12/19/13 14:50*	*01/01/14 23:05*	*500*
Toluene-d8 (Surr)	*101*		*75 - 120*	*12/19/13 14:50*	*01/01/14 23:05*	*500*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.032**	**J**	0.036	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Benzo[a]anthracene	**0.028**	**J**	0.036	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Benzo[a]pyrene	**0.015**	**J**	0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1

Client Sample ID: GP-06B-131219

Date Collected: 12/19/13 14:50
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-12

Matrix: Solid
Percent Solids: 90.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.021**	**J**	0.036	0.0078	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Carbazole	<0.18		0.18	0.094	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Chrysene	**0.018**	**J**	0.036	0.0099	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Fluoranthene	**0.12**		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Fluorene	**0.059**		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2-Methylnaphthalene	**2.2**		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Naphthalene	**0.099**		0.036	0.0056	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
4-Nitrophenol	<0.73		0.73	0.35	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06B-131219

Date Collected: 12/19/13 14:50
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-12

Matrix: Solid
Percent Solids: 90.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Phenanthrene	**0.19**		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
Pyrene	**0.088**		0.036	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*25 - 119*	*01/02/14 07:08*	*01/03/14 19:44*	*1*
2-Fluorophenol	*71*		*25 - 110*	*01/02/14 07:08*	*01/03/14 19:44*	*1*
Nitrobenzene-d5	*90*		*25 - 115*	*01/02/14 07:08*	*01/03/14 19:44*	*1*
Phenol-d5	*87*		*31 - 110*	*01/02/14 07:08*	*01/03/14 19:44*	*1*
Terphenyl-d14	*85*		*36 - 134*	*01/02/14 07:08*	*01/03/14 19:44*	*1*
2,4,6-Tribromophenol	*116*		*35 - 137*	*01/02/14 07:08*	*01/03/14 19:44*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.0**	**B**	0.50	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 03:58	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06B-131219D

Date Collected: 12/19/13 14:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-13

Matrix: Solid
Percent Solids: 90.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<2.5		2.5	0.66	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Benzene	<0.13		0.13	0.038	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Bromodichloromethane	<1.0		1.0	0.17	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Bromoform	<1.0		1.0	0.22	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Bromomethane	<1.0		1.0	0.34	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Carbon disulfide	<2.5		2.5	0.22	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Carbon tetrachloride	<0.51		0.51	0.13	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Chlorobenzene	<0.51		0.51	0.072	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Chloroethane	<1.0		1.0	0.22	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Chloroform	<0.51		0.51	0.10	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Chloromethane	<1.0		1.0	0.23	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
cis-1,2-Dichloroethene	<0.51		0.51	0.062	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
cis-1,3-Dichloropropene	<0.51		0.51	0.090	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Dibromochloromethane	<1.0		1.0	0.17	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,1-Dichloroethane	<0.51		0.51	0.094	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,2-Dichloroethane	<0.51		0.51	0.14	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,1-Dichloroethene	<0.51		0.51	0.16	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,2-Dichloropropane	<0.51		0.51	0.099	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,3-Dichloropropene, Total	<0.51		0.51	0.090	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Ethylbenzene	**0.24**		0.13	0.064	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
2-Hexanone	<2.5		2.5	0.28	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Methylene Chloride	<2.5		2.5	0.35	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Methyl Ethyl Ketone	<2.5		2.5	0.74	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
methyl isobutyl ketone	<2.5		2.5	0.17	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Methyl tert-butyl ether	<1.0		1.0	0.22	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Styrene	<0.51		0.51	0.050	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,1,2,2-Tetrachloroethane	<0.51		0.51	0.12	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Tetrachloroethene	<0.51		0.51	0.084	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Toluene	<0.13		0.13	0.058	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
trans-1,2-Dichloroethene	<0.51		0.51	0.13	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
trans-1,3-Dichloropropene	<0.51		0.51	0.11	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,1,1-Trichloroethane	<0.51		0.51	0.10	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
1,1,2-Trichloroethane	<0.51		0.51	0.14	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Trichloroethene	<0.25		0.25	0.094	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Vinyl chloride	<0.13		0.13	0.053	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500
Xylenes, Total	**0.44**		0.25	0.035	mg/Kg	☼	12/19/13 14:55	01/01/14 23:32	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*	*12/19/13 14:55*	*01/01/14 23:32*	*500*
Dibromofluoromethane	*94*		*75 - 120*	*12/19/13 14:55*	*01/01/14 23:32*	*500*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 125*	*12/19/13 14:55*	*01/01/14 23:32*	*500*
Toluene-d8 (Surr)	*102*		*75 - 120*	*12/19/13 14:55*	*01/01/14 23:32*	*500*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.035		0.035	0.0064	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Acenaphthylene	<0.035		0.035	0.0047	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Anthracene	<0.035		0.035	0.0059	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Benzo[a]anthracene	**0.012**	**J**	0.035	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Benzo[a]pyrene	**0.0088**	**J**	0.035	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1

Client Sample ID: GP-06B-131219D

Date Collected: 12/19/13 14:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-13

Matrix: Solid
Percent Solids: 90.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.0097**	**J**	0.035	0.0077	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Benzo[g,h,i]perylene	<0.035		0.035	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Benzo[k]fluoranthene	<0.035		0.035	0.010	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Bis(2-ethylhexyl) phthalate	**0.26**		0.18	0.065	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Butyl benzyl phthalate	<0.18		0.18	0.067	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Chrysene	<0.035		0.035	0.0097	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0069	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
1,4-Dichlorobenzene	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,4-Dichlorophenol	<0.35		0.35	0.084	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4,6-Dinitro-2-methylphenol	<0.35		0.35	0.29	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,4-Dinitrophenol	<0.72		0.72	0.62	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,4-Dinitrotoluene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Fluoranthene	**0.040**		0.035	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Fluorene	<0.035		0.035	0.0050	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Hexachlorobenzene	<0.072		0.072	0.0082	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Hexachlorocyclopentadiene	<0.72		0.72	0.20	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.0092	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2-Methylnaphthalene	**0.51**		0.035	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
3 & 4 Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Naphthalene	**0.0085**	**J**	0.035	0.0055	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Nitrobenzene	<0.035		0.035	0.0089	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2-Nitrophenol	<0.35		0.35	0.084	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-06B-131219D

Date Collected: 12/19/13 14:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-13

Matrix: Solid
Percent Solids: 90.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Phenanthrene	**0.035**		0.035	0.0049	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Phenol	<0.18		0.18	0.079	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
Pyrene	**0.033**	**J**	0.035	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*25 - 119*	*01/02/14 07:08*	*01/03/14 20:03*	*1*
2-Fluorophenol	*75*		*25 - 110*	*01/02/14 07:08*	*01/03/14 20:03*	*1*
Nitrobenzene-d5	*67*		*25 - 115*	*01/02/14 07:08*	*01/03/14 20:03*	*1*
Phenol-d5	*82*		*31 - 110*	*01/02/14 07:08*	*01/03/14 20:03*	*1*
Terphenyl-d14	*86*		*36 - 134*	*01/02/14 07:08*	*01/03/14 20:03*	*1*
2,4,6-Tribromophenol	*107*		*35 - 137*	*01/02/14 07:08*	*01/03/14 20:03*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.7**	**B**	0.49	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 04:05	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: Trip Blank 121913

Lab Sample ID: 500-69043-14

Date Collected: 12/19/13 00:00

Matrix: Water

Date Received: 12/20/13 17:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/L			12/31/13 16:09	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/31/13 16:09	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/31/13 16:09	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/31/13 16:09	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/31/13 16:09	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/31/13 16:09	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/31/13 16:09	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/31/13 16:09	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/31/13 16:09	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/31/13 16:09	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/31/13 16:09	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/31/13 16:09	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/31/13 16:09	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/31/13 16:09	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/31/13 16:09	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/31/13 16:09	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/31/13 16:09	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/31/13 16:09	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/31/13 16:09	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/31/13 16:09	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/31/13 16:09	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/31/13 16:09	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/31/13 16:09	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/31/13 16:09	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/31/13 16:09	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/31/13 16:09	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/31/13 16:09	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/31/13 16:09	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/31/13 16:09	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/31/13 16:09	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/31/13 16:09	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/31/13 16:09	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/31/13 16:09	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/31/13 16:09	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/31/13 16:09	1
Xylenes, Total	<0.0010		0.0010	0.000068	mg/L			12/31/13 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*12/31/13 16:09*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*12/31/13 16:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*12/31/13 16:09*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*12/31/13 16:09*	*1*

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-09A-131220

Date Collected: 12/20/13 08:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-15

Matrix: Solid
Percent Solids: 90.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0022	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Benzene	<0.0050		0.0050	0.00069	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Bromodichloromethane	<0.0050		0.0050	0.00087	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Bromoform	<0.0050		0.0050	0.0012	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Bromomethane	<0.0050		0.0050	0.0015	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Carbon disulfide	<0.0050		0.0050	0.00075	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Carbon tetrachloride	<0.0050		0.0050	0.00091	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Chlorobenzene	<0.0050		0.0050	0.00051	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Chloroethane	<0.0050		0.0050	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Chloroform	<0.0050		0.0050	0.00058	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Chloromethane	<0.0050		0.0050	0.0011	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
cis-1,2-Dichloroethene	<0.0050		0.0050	0.00071	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
cis-1,3-Dichloropropene	<0.0050		0.0050	0.00066	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Dibromochloromethane	<0.0050		0.0050	0.00087	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,1-Dichloroethane	<0.0050		0.0050	0.00079	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,2-Dichloroethane	<0.0050		0.0050	0.00074	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,1-Dichloroethene	<0.0050		0.0050	0.00081	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,2-Dichloropropane	<0.0050		0.0050	0.00076	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,3-Dichloropropene, Total	<0.0050		0.0050	0.00066	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Ethylbenzene	<0.0050		0.0050	0.0010	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
2-Hexanone	<0.0050		0.0050	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Methylene Chloride	<0.0050		0.0050	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0018	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
methyl isobutyl ketone	<0.0050		0.0050	0.0013	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Methyl tert-butyl ether	<0.0050		0.0050	0.00083	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Styrene	<0.0050		0.0050	0.00066	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,1,2,2-Tetrachloroethane	<0.0050		0.0050	0.0010	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Tetrachloroethene	<0.0050		0.0050	0.00077	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Toluene	<0.0050		0.0050	0.00070	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
trans-1,2-Dichloroethene	<0.0050		0.0050	0.00069	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
trans-1,3-Dichloropropene	<0.0050		0.0050	0.00090	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,1,1-Trichloroethane	<0.0050		0.0050	0.00075	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
1,1,2-Trichloroethane	<0.0050		0.0050	0.00069	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Trichloroethene	<0.0050		0.0050	0.00083	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Vinyl chloride	<0.0050		0.0050	0.0011	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1
Xylenes, Total	<0.010		0.010	0.00046	mg/Kg	☼	12/21/13 06:55	01/02/14 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*	*12/21/13 06:55*	*01/02/14 12:53*	*1*
Dibromofluoromethane	*97*		*75 - 120*	*12/21/13 06:55*	*01/02/14 12:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 134*	*12/21/13 06:55*	*01/02/14 12:53*	*1*
Toluene-d8 (Surr)	*95*		*75 - 122*	*12/21/13 06:55*	*01/02/14 12:53*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-09A-131220
Date Collected: 12/20/13 08:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-15
Matrix: Solid
Percent Solids: 90.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.036		0.036	0.0078	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Carbazole	<0.18		0.18	0.094	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Chrysene	<0.036		0.036	0.0099	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,4-Dinitrophenol	<0.73		0.73	0.64	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Di-n-octyl phthalate	**0.12**	**J**	0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Fluoranthene	<0.036		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0094	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2-Methylnaphthalene	<0.036		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Naphthalene	<0.036		0.036	0.0056	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2-Nitrophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
4-Nitrophenol	<0.73		0.73	0.35	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-09A-131220

Date Collected: 12/20/13 08:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-15

Matrix: Solid
Percent Solids: 90.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Phenanthrene	<0.036		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
Pyrene	<0.036		0.036	0.0072	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,4,5-Trichlorophenol	<0.36		0.36	0.083	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*25 - 119*	*01/02/14 07:08*	*01/08/14 11:36*	*1*
2-Fluorophenol	*71*		*25 - 110*	*01/02/14 07:08*	*01/08/14 11:36*	*1*
Nitrobenzene-d5	*75*		*25 - 115*	*01/02/14 07:08*	*01/08/14 11:36*	*1*
Phenol-d5	*83*		*31 - 110*	*01/02/14 07:08*	*01/08/14 11:36*	*1*
Terphenyl-d14	*82*		*36 - 134*	*01/02/14 07:08*	*01/08/14 11:36*	*1*
2,4,6-Tribromophenol	*111*		*35 - 137*	*01/02/14 07:08*	*01/08/14 11:36*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.1**	**B**	0.49	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 04:11	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-09B-131220

Date Collected: 12/20/13 08:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-16

Matrix: Solid
Percent Solids: 88.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0022	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Benzene	<0.0050		0.0050	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Bromodichloromethane	<0.0050		0.0050	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Bromoform	<0.0050		0.0050	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Bromomethane	<0.0050		0.0050	0.0015	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Carbon disulfide	<0.0050		0.0050	0.00074	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Carbon tetrachloride	<0.0050		0.0050	0.00091	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Chlorobenzene	<0.0050		0.0050	0.00050	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Chloroethane	<0.0050		0.0050	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Chloroform	<0.0050		0.0050	0.00057	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Chloromethane	<0.0050		0.0050	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
cis-1,2-Dichloroethene	<0.0050		0.0050	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
cis-1,3-Dichloropropene	<0.0050		0.0050	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Dibromochloromethane	<0.0050		0.0050	0.00087	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,1-Dichloroethane	<0.0050		0.0050	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,2-Dichloroethane	<0.0050		0.0050	0.00074	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,1-Dichloroethene	<0.0050		0.0050	0.00080	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,2-Dichloropropane	<0.0050		0.0050	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,3-Dichloropropene, Total	<0.0050		0.0050	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Ethylbenzene	<0.0050		0.0050	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
2-Hexanone	<0.0050		0.0050	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Methylene Chloride	<0.0050		0.0050	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0018	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
methyl isobutyl ketone	<0.0050		0.0050	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Methyl tert-butyl ether	<0.0050		0.0050	0.00082	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Styrene	<0.0050		0.0050	0.00065	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,1,2,2-Tetrachloroethane	<0.0050		0.0050	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Tetrachloroethene	<0.0050		0.0050	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Toluene	<0.0050		0.0050	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
trans-1,2-Dichloroethene	<0.0050		0.0050	0.00069	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
trans-1,3-Dichloropropene	<0.0050		0.0050	0.00089	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,1,1-Trichloroethane	<0.0050		0.0050	0.00074	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
1,1,2-Trichloroethane	<0.0050		0.0050	0.00068	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Trichloroethene	<0.0050		0.0050	0.00082	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Vinyl chloride	<0.0050		0.0050	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1
Xylenes, Total	<0.010		0.010	0.00045	mg/Kg	☼	12/21/13 06:55	12/31/13 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 122*	*12/21/13 06:55*	*12/31/13 20:54*	*1*
Dibromofluoromethane	*97*		*75 - 120*	*12/21/13 06:55*	*12/31/13 20:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 134*	*12/21/13 06:55*	*12/31/13 20:54*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*	*12/21/13 06:55*	*12/31/13 20:54*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Benzo[a]anthracene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Benzo[a]pyrene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1

Client Sample ID: GP-09B-131220

Date Collected: 12/20/13 08:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-16

Matrix: Solid
Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.036		0.036	0.0078	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Carbazole	<0.18		0.18	0.093	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Chrysene	<0.036		0.036	0.0098	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Di-n-octyl phthalate	**0.073**	**J**	0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Fluoranthene	<0.036		0.036	0.0067	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0093	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2-Methylnaphthalene	<0.036		0.036	0.0066	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-09B-131220

Date Collected: 12/20/13 08:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-16

Matrix: Solid
Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Phenanthrene	<0.036		0.036	0.0050	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
Pyrene	<0.036		0.036	0.0072	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/03/14 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*25 - 119*	*01/02/14 07:08*	*01/03/14 20:40*	*1*
2-Fluorophenol	*61*		*25 - 110*	*01/02/14 07:08*	*01/03/14 20:40*	*1*
Nitrobenzene-d5	*68*		*25 - 115*	*01/02/14 07:08*	*01/03/14 20:40*	*1*
Phenol-d5	*79*		*31 - 110*	*01/02/14 07:08*	*01/03/14 20:40*	*1*
Terphenyl-d14	*76*		*36 - 134*	*01/02/14 07:08*	*01/03/14 20:40*	*1*
2,4,6-Tribromophenol	*95*		*35 - 137*	*01/02/14 07:08*	*01/03/14 20:40*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.5**	**B**	0.52	0.16	mg/Kg	☼	12/31/13 09:30	01/01/14 04:17	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-10A-131220

Date Collected: 12/20/13 09:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-17

Matrix: Solid
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0076**		0.0051	0.0022	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Benzene	<0.0051		0.0051	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Bromodichloromethane	<0.0051		0.0051	0.00088	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Bromoform	<0.0051		0.0051	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Bromomethane	<0.0051		0.0051	0.0016	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Carbon disulfide	<0.0051		0.0051	0.00077	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Carbon tetrachloride	<0.0051		0.0051	0.00093	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Chlorobenzene	<0.0051		0.0051	0.00052	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Chloroethane	<0.0051		0.0051	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Chloroform	<0.0051		0.0051	0.00059	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Chloromethane	<0.0051		0.0051	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
cis-1,2-Dichloroethene	<0.0051		0.0051	0.00073	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
cis-1,3-Dichloropropene	<0.0051		0.0051	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Dibromochloromethane	<0.0051		0.0051	0.00089	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,1-Dichloroethane	<0.0051		0.0051	0.00081	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,2-Dichloroethane	<0.0051		0.0051	0.00076	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,1-Dichloroethene	<0.0051		0.0051	0.00083	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,2-Dichloropropane	<0.0051		0.0051	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,3-Dichloropropene, Total	<0.0051		0.0051	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Ethylbenzene	<0.0051		0.0051	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
2-Hexanone	<0.0051		0.0051	0.0015	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Methylene Chloride	<0.0051		0.0051	0.0014	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0019	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
methyl isobutyl ketone	<0.0051		0.0051	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Methyl tert-butyl ether	<0.0051		0.0051	0.00085	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Styrene	<0.0051		0.0051	0.00067	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,1,2,2-Tetrachloroethane	<0.0051		0.0051	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Tetrachloroethene	<0.0051		0.0051	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Toluene	<0.0051		0.0051	0.00072	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
trans-1,2-Dichloroethene	<0.0051		0.0051	0.00071	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
trans-1,3-Dichloropropene	<0.0051		0.0051	0.00092	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,1,1-Trichloroethane	<0.0051		0.0051	0.00077	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
1,1,2-Trichloroethane	<0.0051		0.0051	0.00070	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Trichloroethene	<0.0051		0.0051	0.00085	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Vinyl chloride	<0.0051		0.0051	0.0011	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1
Xylenes, Total	<0.010		0.010	0.00047	mg/Kg	☼	12/21/13 06:55	12/31/13 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 122*	*12/21/13 06:55*	*12/31/13 21:17*	*1*
Dibromofluoromethane	*96*		*75 - 120*	*12/21/13 06:55*	*12/31/13 21:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*	*12/21/13 06:55*	*12/31/13 21:17*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*	*12/21/13 06:55*	*12/31/13 21:17*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Benzo[a]anthracene	**0.013**	**J**	0.039	0.0053	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Benzo[a]pyrene	**0.012**	**J**	0.039	0.0076	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1

Client Sample ID: GP-10A-131220

Date Collected: 12/20/13 09:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-17

Matrix: Solid
Percent Solids: 80.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.019**	**J**	0.039	0.0085	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4-Chloroaniline	<0.79		0.79	0.19	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Chrysene	**0.018**	**J**	0.039	0.011	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4,6-Dinitro-2-methylphenol	<0.39		0.39	0.32	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Fluoranthene	**0.027**	**J**	0.039	0.0073	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2-Methylnaphthalene	**0.035**	**J**	0.039	0.0072	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-10A-131220

Date Collected: 12/20/13 09:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-17

Matrix: Solid
Percent Solids: 80.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.20		0.20	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Phenanthrene	**0.032**	**J**	0.039	0.0055	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
Pyrene	**0.023**	**J**	0.039	0.0078	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	01/02/14 07:08	01/08/14 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*25 - 119*	*01/02/14 07:08*	*01/08/14 11:55*	*1*
2-Fluorophenol	*61*		*25 - 110*	*01/02/14 07:08*	*01/08/14 11:55*	*1*
Nitrobenzene-d5	*60*		*25 - 115*	*01/02/14 07:08*	*01/08/14 11:55*	*1*
Phenol-d5	*73*		*31 - 110*	*01/02/14 07:08*	*01/08/14 11:55*	*1*
Terphenyl-d14	*70*		*36 - 134*	*01/02/14 07:08*	*01/08/14 11:55*	*1*
2,4,6-Tribromophenol	*71*		*35 - 137*	*01/02/14 07:08*	*01/08/14 11:55*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**18**	**B**	0.60	0.18	mg/Kg	☼	12/31/13 09:30	01/01/14 04:23	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-10B-131220

Date Collected: 12/20/13 10:00
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-18

Matrix: Solid
Percent Solids: 92.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.019**		0.0057	0.0025	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Benzene	<0.0057		0.0057	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Bromodichloromethane	<0.0057		0.0057	0.00099	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Bromoform	<0.0057		0.0057	0.0013	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Bromomethane	<0.0057		0.0057	0.0017	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Carbon disulfide	<0.0057		0.0057	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Carbon tetrachloride	<0.0057		0.0057	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Chlorobenzene	<0.0057		0.0057	0.00058	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Chloroethane	<0.0057		0.0057	0.0016	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Chloroform	<0.0057		0.0057	0.00066	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Chloromethane	<0.0057		0.0057	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
cis-1,2-Dichloroethene	<0.0057		0.0057	0.00081	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
cis-1,3-Dichloropropene	<0.0057		0.0057	0.00075	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Dibromochloromethane	<0.0057		0.0057	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,1-Dichloroethane	<0.0057		0.0057	0.00091	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,2-Dichloroethane	<0.0057		0.0057	0.00085	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,1-Dichloroethene	<0.0057		0.0057	0.00093	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,2-Dichloropropane	<0.0057		0.0057	0.00087	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,3-Dichloropropene, Total	<0.0057		0.0057	0.00075	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Ethylbenzene	<0.0057		0.0057	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
2-Hexanone	<0.0057		0.0057	0.0016	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Methylene Chloride	<0.0057		0.0057	0.0015	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Methyl Ethyl Ketone	**0.0056**	**J**	0.0057	0.0021	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
methyl isobutyl ketone	<0.0057		0.0057	0.0015	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Methyl tert-butyl ether	<0.0057		0.0057	0.00095	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Styrene	<0.0057		0.0057	0.00075	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,1,2,2-Tetrachloroethane	<0.0057		0.0057	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Tetrachloroethene	<0.0057		0.0057	0.00087	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Toluene	**0.0037**	**J**	0.0057	0.00080	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
trans-1,2-Dichloroethene	<0.0057		0.0057	0.00079	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
trans-1,3-Dichloropropene	<0.0057		0.0057	0.0010	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,1,1-Trichloroethane	<0.0057		0.0057	0.00086	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
1,1,2-Trichloroethane	<0.0057		0.0057	0.00078	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Trichloroethene	<0.0057		0.0057	0.00094	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Vinyl chloride	<0.0057		0.0057	0.0012	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1
Xylenes, Total	<0.011		0.011	0.00052	mg/Kg	☼	12/21/13 06:55	12/31/13 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*	*12/21/13 06:55*	*12/31/13 21:40*	*1*
Dibromofluoromethane	*94*		*75 - 120*	*12/21/13 06:55*	*12/31/13 21:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*	*12/21/13 06:55*	*12/31/13 21:40*	*1*
Toluene-d8 (Surr)	*96*		*75 - 122*	*12/21/13 06:55*	*12/31/13 21:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.034		0.034	0.0061	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Acenaphthylene	<0.034		0.034	0.0045	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Anthracene	<0.034		0.034	0.0057	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Benzo[a]anthracene	<0.034		0.034	0.0046	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Benzo[a]pyrene	<0.034		0.034	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1

Client Sample ID: GP-10B-131220

Date Collected: 12/20/13 10:00
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-18

Matrix: Solid
Percent Solids: 92.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.034		0.034	0.0074	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Benzo[g,h,i]perylene	<0.034		0.034	0.011	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Benzo[k]fluoranthene	<0.034		0.034	0.010	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.035	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Bis(2-ethylhexyl) phthalate	**0.063**	**J**	0.17	0.062	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Butyl benzyl phthalate	<0.17		0.17	0.065	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Carbazole	<0.17		0.17	0.088	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4-Chloroaniline	<0.69		0.69	0.16	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4-Chloro-3-methylphenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2-Chloronaphthalene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2-Chlorophenol	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Chrysene	<0.034		0.034	0.0093	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Dibenz(a,h)anthracene	<0.034		0.034	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Dibenzofuran	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
1,2-Dichlorobenzene	<0.17		0.17	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
1,3-Dichlorobenzene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
1,4-Dichlorobenzene	<0.17		0.17	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,4-Dichlorophenol	<0.34		0.34	0.081	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Diethyl phthalate	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,4-Dimethylphenol	<0.34		0.34	0.13	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Dimethyl phthalate	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Di-n-butyl phthalate	<0.17		0.17	0.052	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4,6-Dinitro-2-methylphenol	<0.34		0.34	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,4-Dinitrophenol	<0.69		0.69	0.60	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,4-Dinitrotoluene	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,6-Dinitrotoluene	<0.17		0.17	0.067	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Di-n-octyl phthalate	<0.17		0.17	0.056	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Fluoranthene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Fluorene	<0.034		0.034	0.0048	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Hexachlorobenzene	<0.069		0.069	0.0079	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Hexachlorobutadiene	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Hexachlorocyclopentadiene	<0.69		0.69	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Hexachloroethane	<0.17		0.17	0.052	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Indeno[1,2,3-cd]pyrene	<0.034		0.034	0.0088	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Isophorone	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2-Methylnaphthalene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2-Methylphenol	<0.17		0.17	0.055	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
3 & 4 Methylphenol	<0.17		0.17	0.057	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Naphthalene	<0.034		0.034	0.0052	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2-Nitroaniline	<0.17		0.17	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
3-Nitroaniline	<0.34		0.34	0.11	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4-Nitroaniline	<0.34		0.34	0.14	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Nitrobenzene	<0.034		0.034	0.0085	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2-Nitrophenol	<0.34		0.34	0.081	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
4-Nitrophenol	<0.69		0.69	0.32	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-10B-131220

Date Collected: 12/20/13 10:00
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-18

Matrix: Solid
Percent Solids: 92.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.17		0.17	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
N-Nitrosodiphenylamine	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.039	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Pentachlorophenol	<0.69		0.69	0.55	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Phenanthrene	<0.034		0.034	0.0047	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Phenol	<0.17		0.17	0.076	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
Pyrene	<0.034		0.034	0.0068	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.037	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,4,5-Trichlorophenol	<0.34		0.34	0.078	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1
2,4,6-Trichlorophenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*25 - 119*	*01/02/14 07:08*	*01/08/14 12:15*	*1*
2-Fluorophenol	*70*		*25 - 110*	*01/02/14 07:08*	*01/08/14 12:15*	*1*
Nitrobenzene-d5	*72*		*25 - 115*	*01/02/14 07:08*	*01/08/14 12:15*	*1*
Phenol-d5	*81*		*31 - 110*	*01/02/14 07:08*	*01/08/14 12:15*	*1*
Terphenyl-d14	*84*		*36 - 134*	*01/02/14 07:08*	*01/08/14 12:15*	*1*
2,4,6-Tribromophenol	*93*		*35 - 137*	*01/02/14 07:08*	*01/08/14 12:15*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.0**	**B**	0.53	0.16	mg/Kg	☼	12/31/13 09:30	01/01/14 04:44	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11A-131220

Date Collected: 12/20/13 11:20
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-19

Matrix: Solid
Percent Solids: 95.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**		0.0052	0.0022	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Benzene	<0.0052		0.0052	0.00071	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Bromodichloromethane	<0.0052		0.0052	0.00089	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Bromoform	<0.0052		0.0052	0.0012	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Bromomethane	<0.0052		0.0052	0.0016	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Carbon disulfide	<0.0052		0.0052	0.00077	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Carbon tetrachloride	<0.0052		0.0052	0.00094	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Chlorobenzene	<0.0052		0.0052	0.00053	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Chloroethane	<0.0052		0.0052	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Chloroform	<0.0052		0.0052	0.00060	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Chloromethane	<0.0052		0.0052	0.0011	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
cis-1,2-Dichloroethene	<0.0052		0.0052	0.00073	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
cis-1,3-Dichloropropene	<0.0052		0.0052	0.00068	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Dibromochloromethane	<0.0052		0.0052	0.00090	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,1-Dichloroethane	<0.0052		0.0052	0.00082	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,2-Dichloroethane	<0.0052		0.0052	0.00077	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,1-Dichloroethene	<0.0052		0.0052	0.00084	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,2-Dichloropropane	<0.0052		0.0052	0.00079	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,3-Dichloropropene, Total	<0.0052		0.0052	0.00068	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Ethylbenzene	<0.0052		0.0052	0.0010	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
2-Hexanone	<0.0052		0.0052	0.0015	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Methylene Chloride	<0.0052		0.0052	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0019	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
methyl isobutyl ketone	<0.0052		0.0052	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Methyl tert-butyl ether	<0.0052		0.0052	0.00086	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Styrene	<0.0052		0.0052	0.00068	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,1,2,2-Tetrachloroethane	<0.0052		0.0052	0.0010	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Tetrachloroethene	<0.0052		0.0052	0.00079	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Toluene	**0.0033**	**J**	0.0052	0.00073	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
trans-1,2-Dichloroethene	<0.0052		0.0052	0.00071	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
trans-1,3-Dichloropropene	<0.0052		0.0052	0.00093	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,1,1-Trichloroethane	<0.0052		0.0052	0.00077	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
1,1,2-Trichloroethane	<0.0052		0.0052	0.00071	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Trichloroethene	<0.0052		0.0052	0.00086	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Vinyl chloride	<0.0052		0.0052	0.0011	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1
Xylenes, Total	<0.010		0.010	0.00047	mg/Kg	☼	12/21/13 06:55	01/02/14 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 122*	*12/21/13 06:55*	*01/02/14 13:16*	*1*
Dibromofluoromethane	*101*		*75 - 120*	*12/21/13 06:55*	*01/02/14 13:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 134*	*12/21/13 06:55*	*01/02/14 13:16*	*1*
Toluene-d8 (Surr)	*96*		*75 - 122*	*12/21/13 06:55*	*01/02/14 13:16*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.034		0.034	0.0061	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Acenaphthylene	<0.034		0.034	0.0045	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Anthracene	<0.034		0.034	0.0057	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Benzo[a]anthracene	<0.034		0.034	0.0046	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Benzo[a]pyrene	<0.034		0.034	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11A-131220
Date Collected: 12/20/13 11:20
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-19
Matrix: Solid
Percent Solids: 95.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.034		0.034	0.0074	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Benzo[g,h,i]perylene	<0.034		0.034	0.011	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Benzo[k]fluoranthene	<0.034		0.034	0.010	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.035	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.062	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Butyl benzyl phthalate	<0.17		0.17	0.065	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Carbazole	<0.17		0.17	0.088	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4-Chloroaniline	<0.69		0.69	0.16	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4-Chloro-3-methylphenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2-Chloronaphthalene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2-Chlorophenol	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Chrysene	<0.034		0.034	0.0093	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Dibenz(a,h)anthracene	<0.034		0.034	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Dibenzofuran	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
1,2-Dichlorobenzene	<0.17		0.17	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
1,3-Dichlorobenzene	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
1,4-Dichlorobenzene	<0.17		0.17	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,4-Dichlorophenol	<0.34		0.34	0.081	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Diethyl phthalate	<0.17		0.17	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,4-Dimethylphenol	<0.34		0.34	0.13	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Dimethyl phthalate	<0.17		0.17	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Di-n-butyl phthalate	<0.17		0.17	0.052	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4,6-Dinitro-2-methylphenol	<0.34		0.34	0.27	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,4-Dinitrophenol	<0.69		0.69	0.60	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,4-Dinitrotoluene	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,6-Dinitrotoluene	<0.17		0.17	0.067	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Di-n-octyl phthalate	<0.17		0.17	0.056	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Fluoranthene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Fluorene	<0.034		0.034	0.0048	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Hexachlorobenzene	<0.069		0.069	0.0079	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Hexachlorobutadiene	<0.17		0.17	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Hexachlorocyclopentadiene	<0.69		0.69	0.20	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Hexachloroethane	<0.17		0.17	0.052	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Indeno[1,2,3-cd]pyrene	<0.034		0.034	0.0088	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Isophorone	<0.17		0.17	0.038	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2-Methylnaphthalene	<0.034		0.034	0.0063	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2-Methylphenol	<0.17		0.17	0.055	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
3 & 4 Methylphenol	<0.17		0.17	0.057	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Naphthalene	<0.034		0.034	0.0052	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2-Nitroaniline	<0.17		0.17	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
3-Nitroaniline	<0.34		0.34	0.11	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4-Nitroaniline	<0.34		0.34	0.14	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Nitrobenzene	<0.034		0.034	0.0085	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2-Nitrophenol	<0.34		0.34	0.081	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
4-Nitrophenol	<0.69		0.69	0.32	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11A-131220

Date Collected: 12/20/13 11:20
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-19

Matrix: Solid
Percent Solids: 95.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.17		0.17	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
N-Nitrosodiphenylamine	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Pentachlorophenol	<0.69		0.69	0.55	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Phenanthrene	<0.034		0.034	0.0048	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Phenol	<0.17		0.17	0.076	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
Pyrene	<0.034		0.034	0.0068	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.037	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,4,5-Trichlorophenol	<0.34		0.34	0.078	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1
2,4,6-Trichlorophenol	<0.34		0.34	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*25 - 119*	*01/02/14 07:08*	*01/08/14 12:54*	*1*
2-Fluorophenol	*72*		*25 - 110*	*01/02/14 07:08*	*01/08/14 12:54*	*1*
Nitrobenzene-d5	*72*		*25 - 115*	*01/02/14 07:08*	*01/08/14 12:54*	*1*
Phenol-d5	*86*		*31 - 110*	*01/02/14 07:08*	*01/08/14 12:54*	*1*
Terphenyl-d14	*81*		*36 - 134*	*01/02/14 07:08*	*01/08/14 12:54*	*1*
2,4,6-Tribromophenol	*106*		*35 - 137*	*01/02/14 07:08*	*01/08/14 12:54*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.3**	**B**	0.48	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 04:51	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11B-131220

Date Collected: 12/20/13 11:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-20

Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.57		0.57	0.15	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Benzene	<0.029		0.029	0.0085	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Bromodichloromethane	<0.23		0.23	0.039	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Bromoform	<0.23		0.23	0.051	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Bromomethane	<0.23		0.23	0.078	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Carbon disulfide	<0.57		0.57	0.049	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Carbon tetrachloride	<0.11		0.11	0.030	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Chlorobenzene	<0.11		0.11	0.016	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Chloroethane	<0.23		0.23	0.050	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Chloroform	<0.11		0.11	0.024	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Chloromethane	<0.23		0.23	0.053	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
cis-1,2-Dichloroethene	<0.11		0.11	0.014	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
cis-1,3-Dichloropropene	<0.11		0.11	0.020	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Dibromochloromethane	<0.23		0.23	0.040	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,1-Dichloroethane	<0.11		0.11	0.021	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,2-Dichloroethane	<0.11		0.11	0.033	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,1-Dichloroethene	<0.11		0.11	0.035	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,2-Dichloropropane	<0.11		0.11	0.023	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,3-Dichloropropene, Total	<0.11		0.11	0.020	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
2-Hexanone	<0.57		0.57	0.065	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Methylene Chloride	<0.57		0.57	0.078	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Methyl Ethyl Ketone	<0.57		0.57	0.17	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
methyl isobutyl ketone	<0.57		0.57	0.038	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Methyl tert-butyl ether	<0.23		0.23	0.049	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Styrene	<0.11		0.11	0.011	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,1,2,2-Tetrachloroethane	<0.11		0.11	0.027	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Tetrachloroethene	<0.11		0.11	0.019	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
trans-1,2-Dichloroethene	<0.11		0.11	0.029	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
trans-1,3-Dichloropropene	<0.11		0.11	0.024	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,1,1-Trichloroethane	<0.11		0.11	0.023	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
1,1,2-Trichloroethane	<0.11		0.11	0.032	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Trichloroethene	<0.057		0.057	0.021	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100
Vinyl chloride	<0.029		0.029	0.012	mg/Kg	☼	12/20/13 11:30	01/02/14 19:29	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*X*	*75 - 120*	*12/20/13 11:30*	*01/02/14 19:29*	*100*
Dibromofluoromethane	*77*		*75 - 120*	*12/20/13 11:30*	*01/02/14 19:29*	*100*
1,2-Dichloroethane-d4 (Surr)	*165*	*X*	*75 - 125*	*12/20/13 11:30*	*01/02/14 19:29*	*100*
Toluene-d8 (Surr)	*108*		*75 - 120*	*12/20/13 11:30*	*01/02/14 19:29*	*100*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**160**		1.4	0.72	mg/Kg	☼	12/20/13 11:30	01/03/14 11:34	5000
Toluene	**39**		1.4	0.66	mg/Kg	☼	12/20/13 11:30	01/03/14 11:34	5000
Xylenes, Total	**940**		2.9	0.39	mg/Kg	☼	12/20/13 11:30	01/03/14 11:34	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*	*12/20/13 11:30*	*01/03/14 11:34*	*5000*
Dibromofluoromethane	*93*		*75 - 120*	*12/20/13 11:30*	*01/03/14 11:34*	*5000*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*	*12/20/13 11:30*	*01/03/14 11:34*	*5000*

Client Sample ID: GP-11B-131220

Date Collected: 12/20/13 11:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-20

Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		75 - 120	12/20/13 11:30	01/03/14 11:34	5000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Anthracene	<0.036		0.036	0.0061	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Benzo[a]anthracene	<0.036		0.036	0.0049	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Benzo[a]pyrene	<0.036		0.036	0.0071	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Benzo[b]fluoranthene	<0.036		0.036	0.0079	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.067	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Butyl benzyl phthalate	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Carbazole	<0.18		0.18	0.095	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2-Chlorophenol	<0.18		0.18	0.063	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Chrysene	<0.036		0.036	0.010	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0071	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Dibenzofuran	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
1,2-Dichlorobenzene	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
1,4-Dichlorobenzene	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.051	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,4-Dichlorophenol	<0.36		0.36	0.087	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Diethyl phthalate	<0.18		0.18	0.062	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Dimethyl phthalate	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Di-n-butyl phthalate	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,4-Dinitrotoluene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,6-Dinitrotoluene	<0.18		0.18	0.072	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Di-n-octyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Fluoranthene	<0.036		0.036	0.0068	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Fluorene	<0.036		0.036	0.0052	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Hexachlorobenzene	<0.074		0.074	0.0085	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Hexachlorobutadiene	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Hexachloroethane	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0095	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Isophorone	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2-Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11B-131220

Date Collected: 12/20/13 11:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-20

Matrix: Solid
Percent Solids: 87.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Naphthalene	**2.2**		0.036	0.0056	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Nitrobenzene	<0.036		0.036	0.0091	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2-Nitrophenol	<0.36		0.36	0.087	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
N-Nitrosodi-n-propylamine	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Phenanthrene	**0.041**		0.036	0.0051	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Phenol	<0.18		0.18	0.081	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
Pyrene	**0.0081**	**J**	0.036	0.0073	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,4,5-Trichlorophenol	<0.36		0.36	0.084	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1
2,4,6-Trichlorophenol	<0.36		0.36	0.13	mg/Kg	☼	01/02/14 07:08	01/08/14 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*25 - 119*	*01/02/14 07:08*	*01/08/14 13:13*	*1*
2-Fluorophenol	*63*		*25 - 110*	*01/02/14 07:08*	*01/08/14 13:13*	*1*
Nitrobenzene-d5	*70*		*25 - 115*	*01/02/14 07:08*	*01/08/14 13:13*	*1*
Phenol-d5	*73*		*31 - 110*	*01/02/14 07:08*	*01/08/14 13:13*	*1*
Terphenyl-d14	*78*		*36 - 134*	*01/02/14 07:08*	*01/08/14 13:13*	*1*
2,4,6-Tribromophenol	*101*		*35 - 137*	*01/02/14 07:08*	*01/08/14 13:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**4.1**		0.18	0.034	mg/Kg	☼	01/02/14 07:08	01/08/14 15:08	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.0**	**B**	0.49	0.14	mg/Kg	☼	12/31/13 09:30	01/01/14 04:57	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11B-131220D

Date Collected: 12/20/13 11:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-21

Matrix: Solid
Percent Solids: 88.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<2.9		2.9	0.74	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Benzene	<0.14		0.14	0.042	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Bromodichloromethane	<1.1		1.1	0.19	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Bromoform	<1.1		1.1	0.25	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Bromomethane	<1.1		1.1	0.39	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Carbon disulfide	<2.9		2.9	0.24	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Carbon tetrachloride	<0.57		0.57	0.15	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Chlorobenzene	<0.57		0.57	0.082	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Chloroethane	<1.1		1.1	0.25	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Chloroform	<0.57		0.57	0.12	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Chloromethane	<1.1		1.1	0.26	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
cis-1,2-Dichloroethene	<0.57		0.57	0.070	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
cis-1,3-Dichloropropene	<0.57		0.57	0.10	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Dibromochloromethane	<1.1		1.1	0.20	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,1-Dichloroethane	<0.57		0.57	0.11	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,2-Dichloroethane	<0.57		0.57	0.16	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,1-Dichloroethene	<0.57		0.57	0.18	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,2-Dichloropropane	<0.57		0.57	0.11	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,3-Dichloropropene, Total	<0.57		0.57	0.10	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Ethylbenzene	**65**		0.14	0.072	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
2-Hexanone	<2.9		2.9	0.32	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Methylene Chloride	<2.9		2.9	0.39	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Methyl Ethyl Ketone	<2.9		2.9	0.84	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
methyl isobutyl ketone	<2.9		2.9	0.19	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Methyl tert-butyl ether	<1.1		1.1	0.25	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Styrene	<0.57		0.57	0.056	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,1,2,2-Tetrachloroethane	<0.57		0.57	0.13	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Tetrachloroethene	<0.57		0.57	0.095	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Toluene	**4.2**		0.14	0.066	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
trans-1,2-Dichloroethene	<0.57		0.57	0.14	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
trans-1,3-Dichloropropene	<0.57		0.57	0.12	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,1,1-Trichloroethane	<0.57		0.57	0.11	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
1,1,2-Trichloroethane	<0.57		0.57	0.16	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Trichloroethene	<0.29		0.29	0.11	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500
Vinyl chloride	<0.14		0.14	0.059	mg/Kg	☼	12/20/13 11:45	01/02/14 20:51	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*	*12/20/13 11:45*	*01/02/14 20:51*	*500*
Dibromofluoromethane	*91*		*75 - 120*	*12/20/13 11:45*	*01/02/14 20:51*	*500*
1,2-Dichloroethane-d4 (Surr)	*123*		*75 - 125*	*12/20/13 11:45*	*01/02/14 20:51*	*500*
Toluene-d8 (Surr)	*103*		*75 - 120*	*12/20/13 11:45*	*01/02/14 20:51*	*500*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**310**		2.9	0.39	mg/Kg	☼	12/20/13 11:45	01/03/14 12:01	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*	*12/20/13 11:45*	*01/03/14 12:01*	*5000*
Dibromofluoromethane	*92*		*75 - 120*	*12/20/13 11:45*	*01/03/14 12:01*	*5000*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*	*12/20/13 11:45*	*01/03/14 12:01*	*5000*

Client Sample ID: GP-11B-131220D

Date Collected: 12/20/13 11:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-21

Matrix: Solid
Percent Solids: 88.4

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		75 - 120	12/20/13 11:45	01/03/14 12:01	5000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.026**	**J**	0.036	0.0064	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Benzo[a]anthracene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Benzo[a]pyrene	<0.036		0.036	0.0069	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Benzo[b]fluoranthene	<0.036		0.036	0.0077	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.065	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Chrysene	<0.036		0.036	0.0097	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0069	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Fluoranthene	**0.019**	**J**	0.036	0.0066	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Fluorene	**0.049**		0.036	0.0050	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0093	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11B-131220D

Date Collected: 12/20/13 11:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-21

Matrix: Solid
Percent Solids: 88.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Nitrobenzene	<0.036		0.036	0.0089	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2-Nitrophenol	<0.36		0.36	0.084	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
N-Nitrosodi-n-propylamine	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Phenanthrene	**0.23**		0.036	0.0050	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Phenol	<0.18		0.18	0.079	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
Pyrene	**0.025**	**J**	0.036	0.0071	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:08	01/08/14 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*25 - 119*	*01/02/14 07:08*	*01/08/14 13:33*	*1*
2-Fluorophenol	*78*		*25 - 110*	*01/02/14 07:08*	*01/08/14 13:33*	*1*
Nitrobenzene-d5	*90*		*25 - 115*	*01/02/14 07:08*	*01/08/14 13:33*	*1*
Phenol-d5	*76*		*31 - 110*	*01/02/14 07:08*	*01/08/14 13:33*	*1*
Terphenyl-d14	*86*		*36 - 134*	*01/02/14 07:08*	*01/08/14 13:33*	*1*
2,4,6-Tribromophenol	*121*		*35 - 137*	*01/02/14 07:08*	*01/08/14 13:33*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**20**		0.71	0.13	mg/Kg	☼	01/02/14 07:08	01/08/14 15:26	20
Naphthalene	**16**		0.71	0.11	mg/Kg	☼	01/02/14 07:08	01/08/14 15:26	20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.6**	**B**	0.51	0.15	mg/Kg	☼	12/31/13 09:30	01/01/14 05:03	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: Trip Blank 122013

Lab Sample ID: 500-69043-22

Date Collected: 12/20/13 00:00

Matrix: Water

Date Received: 12/20/13 17:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/L			01/02/14 19:02	1
Benzene	<0.00050		0.00050	0.000074	mg/L			01/02/14 19:02	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			01/02/14 19:02	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			01/02/14 19:02	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			01/02/14 19:02	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			01/02/14 19:02	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			01/02/14 19:02	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			01/02/14 19:02	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			01/02/14 19:02	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			01/02/14 19:02	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			01/02/14 19:02	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			01/02/14 19:02	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			01/02/14 19:02	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			01/02/14 19:02	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			01/02/14 19:02	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			01/02/14 19:02	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			01/02/14 19:02	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			01/02/14 19:02	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			01/02/14 19:02	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			01/02/14 19:02	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			01/02/14 19:02	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			01/02/14 19:02	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			01/02/14 19:02	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			01/02/14 19:02	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			01/02/14 19:02	1
Styrene	<0.0010		0.0010	0.00010	mg/L			01/02/14 19:02	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			01/02/14 19:02	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			01/02/14 19:02	1
Toluene	<0.00050		0.00050	0.00011	mg/L			01/02/14 19:02	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			01/02/14 19:02	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			01/02/14 19:02	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			01/02/14 19:02	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			01/02/14 19:02	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			01/02/14 19:02	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			01/02/14 19:02	1
Xylenes, Total	<0.0010		0.0010	0.000068	mg/L			01/02/14 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*01/02/14 19:02*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*01/02/14 19:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*01/02/14 19:02*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*01/02/14 19:02*	*1*

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07A-131220

Date Collected: 12/20/13 13:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-23

Matrix: Solid
Percent Solids: 81.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<32		32	8.4	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Benzene	<1.6		1.6	0.48	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Bromodichloromethane	<13		13	2.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Bromoform	<13		13	2.9	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Bromomethane	<13		13	4.4	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Carbon disulfide	<32		32	2.8	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Carbon tetrachloride	<6.5		6.5	1.7	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Chlorobenzene	<6.5		6.5	0.93	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Chloroethane	<13		13	2.8	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Chloroform	<6.5		6.5	1.3	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Chloromethane	<13		13	3.0	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
cis-1,2-Dichloroethene	<6.5		6.5	0.80	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
cis-1,3-Dichloropropene	<6.5		6.5	1.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Dibromochloromethane	<13		13	2.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,1-Dichloroethane	<6.5		6.5	1.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,2-Dichloroethane	<6.5		6.5	1.8	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,1-Dichloroethene	<6.5		6.5	2.0	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,2-Dichloropropane	<6.5		6.5	1.3	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,3-Dichloropropene, Total	<6.5		6.5	1.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Ethylbenzene	<1.6		1.6	0.82	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
2-Hexanone	<32		32	3.6	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Methylene Chloride	<32		32	4.4	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Methyl Ethyl Ketone	<32		32	9.5	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
methyl isobutyl ketone	<32		32	2.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Methyl tert-butyl ether	<13		13	2.8	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Styrene	<6.5		6.5	0.64	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,1,2,2-Tetrachloroethane	<6.5		6.5	1.5	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Tetrachloroethene	<6.5		6.5	1.1	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Toluene	<1.6		1.6	0.75	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
trans-1,2-Dichloroethene	<6.5		6.5	1.6	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
trans-1,3-Dichloropropene	<6.5		6.5	1.3	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,1,1-Trichloroethane	<6.5		6.5	1.3	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
1,1,2-Trichloroethane	<6.5		6.5	1.8	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Trichloroethene	<3.2		3.2	1.2	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Vinyl chloride	<1.6		1.6	0.67	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000
Xylenes, Total	<3.2		3.2	0.44	mg/Kg	☼	12/20/13 13:30	01/03/14 02:56	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*75 - 120*	*12/20/13 13:30*	*01/03/14 02:56*	*5000*
Dibromofluoromethane	*99*		*75 - 120*	*12/20/13 13:30*	*01/03/14 02:56*	*5000*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*	*12/20/13 13:30*	*01/03/14 02:56*	*5000*
Toluene-d8 (Surr)	*102*		*75 - 120*	*12/20/13 13:30*	*01/03/14 02:56*	*5000*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Benzo[a]pyrene	<0.039		0.039	0.0077	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07A-131220
Date Collected: 12/20/13 13:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-23
Matrix: Solid
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.039		0.039	0.0086	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4,6-Dinitro-2-methylphenol	<0.39		0.39	0.32	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Fluoranthene	**0.029**	**J**	0.039	0.0073	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2-Methylnaphthalene	**0.48**		0.039	0.0073	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Naphthalene	**0.31**		0.039	0.0061	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07A-131220

Date Collected: 12/20/13 13:30
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-23

Matrix: Solid
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.20		0.20	0.048	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Phenanthrene	**0.074**		0.039	0.0055	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
Pyrene	**0.018**	**J**	0.039	0.0079	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	01/02/14 07:04	01/07/14 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*25 - 119*	*01/02/14 07:04*	*01/07/14 21:19*	*1*
2-Fluorophenol	*56*		*25 - 110*	*01/02/14 07:04*	*01/07/14 21:19*	*1*
Nitrobenzene-d5	*59*		*25 - 115*	*01/02/14 07:04*	*01/07/14 21:19*	*1*
Phenol-d5	*58*		*31 - 110*	*01/02/14 07:04*	*01/07/14 21:19*	*1*
Terphenyl-d14	*70*		*36 - 134*	*01/02/14 07:04*	*01/07/14 21:19*	*1*
2,4,6-Tribromophenol	*59*		*35 - 137*	*01/02/14 07:04*	*01/07/14 21:19*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**10**	**B**	0.58	0.17	mg/Kg	☼	12/31/13 09:45	12/31/13 13:59	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07B-131220

Date Collected: 12/20/13 13:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-24

Matrix: Solid
Percent Solids: 80.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<30		30	7.9	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Benzene	<1.5		1.5	0.45	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Bromodichloromethane	<12		12	2.0	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Bromoform	<12		12	2.7	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Bromomethane	<12		12	4.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Carbon disulfide	<30		30	2.6	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Carbon tetrachloride	<6.1		6.1	1.6	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Chlorobenzene	<6.1		6.1	0.87	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Chloroethane	<12		12	2.6	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Chloroform	<6.1		6.1	1.2	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Chloromethane	<12		12	2.8	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
cis-1,2-Dichloroethene	<6.1		6.1	0.75	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
cis-1,3-Dichloropropene	<6.1		6.1	1.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Dibromochloromethane	<12		12	2.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,1-Dichloroethane	<6.1		6.1	1.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,2-Dichloroethane	<6.1		6.1	1.7	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,1-Dichloroethene	<6.1		6.1	1.9	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,2-Dichloropropane	<6.1		6.1	1.2	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,3-Dichloropropene, Total	<6.1		6.1	1.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Ethylbenzene	**8.4**		1.5	0.76	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
2-Hexanone	<30		30	3.4	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Methylene Chloride	<30		30	4.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Methyl Ethyl Ketone	<30		30	8.9	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
methyl isobutyl ketone	<30		30	2.0	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Methyl tert-butyl ether	<12		12	2.6	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Styrene	<6.1		6.1	0.60	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,1,2,2-Tetrachloroethane	<6.1		6.1	1.4	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Tetrachloroethene	<6.1		6.1	1.0	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Toluene	<1.5		1.5	0.70	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
trans-1,2-Dichloroethene	<6.1		6.1	1.5	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
trans-1,3-Dichloropropene	<6.1		6.1	1.3	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,1,1-Trichloroethane	<6.1		6.1	1.2	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
1,1,2-Trichloroethane	<6.1		6.1	1.7	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Trichloroethene	<3.0		3.0	1.1	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Vinyl chloride	<1.5		1.5	0.63	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000
Xylenes, Total	**9.2**		3.0	0.41	mg/Kg	☼	12/20/13 13:45	01/03/14 03:20	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*	*12/20/13 13:45*	*01/03/14 03:20*	*5000*
Dibromofluoromethane	*95*		*75 - 120*	*12/20/13 13:45*	*01/03/14 03:20*	*5000*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*	*12/20/13 13:45*	*01/03/14 03:20*	*5000*
Toluene-d8 (Surr)	*102*		*75 - 120*	*12/20/13 13:45*	*01/03/14 03:20*	*5000*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1

Client Sample ID: GP-07B-131220

Date Collected: 12/20/13 13:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-24

Matrix: Solid
Percent Solids: 80.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4,6-Dinitro-2-methylphenol	<0.39		0.39	0.31	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Fluoranthene	**0.013**	**J**	0.039	0.0073	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2-Methylnaphthalene	**1.7**		0.039	0.0072	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Naphthalene	**0.55**		0.039	0.0060	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07B-131220
Date Collected: 12/20/13 13:45
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-24
Matrix: Solid
Percent Solids: 80.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.20		0.20	0.048	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Phenanthrene	**0.045**		0.039	0.0055	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
Pyrene	**0.0091**	**J**	0.039	0.0078	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	☼	01/02/14 07:04	01/07/14 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*51*		*25 - 119*	*01/02/14 07:04*	*01/07/14 21:42*	*1*
2-Fluorophenol	*54*		*25 - 110*	*01/02/14 07:04*	*01/07/14 21:42*	*1*
Nitrobenzene-d5	*55*		*25 - 115*	*01/02/14 07:04*	*01/07/14 21:42*	*1*
Phenol-d5	*60*		*31 - 110*	*01/02/14 07:04*	*01/07/14 21:42*	*1*
Terphenyl-d14	*63*		*36 - 134*	*01/02/14 07:04*	*01/07/14 21:42*	*1*
2,4,6-Tribromophenol	*57*		*35 - 137*	*01/02/14 07:04*	*01/07/14 21:42*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**11**	**B**	0.62	0.18	mg/Kg	☼	12/31/13 09:45	12/31/13 14:05	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07B-131220D

Date Collected: 12/20/13 13:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-25

Matrix: Solid
Percent Solids: 88.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.25		0.25	0.064	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Benzene	<0.012		0.012	0.0037	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Bromodichloromethane	<0.099		0.099	0.017	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Bromoform	<0.099		0.099	0.022	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Bromomethane	<0.099		0.099	0.034	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Carbon disulfide	<0.25		0.25	0.021	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Carbon tetrachloride	<0.049		0.049	0.013	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Chlorobenzene	<0.049		0.049	0.0071	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Chloroethane	<0.099		0.099	0.021	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Chloroform	<0.049		0.049	0.010	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Chloromethane	<0.099		0.099	0.023	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
cis-1,2-Dichloroethene	<0.049		0.049	0.0061	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
cis-1,3-Dichloropropene	<0.049		0.049	0.0088	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Dibromochloromethane	<0.099		0.099	0.017	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,1-Dichloroethane	<0.049		0.049	0.0091	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,2-Dichloroethane	<0.049		0.049	0.014	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,1-Dichloroethene	<0.049		0.049	0.015	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,2-Dichloropropane	<0.049		0.049	0.0097	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,3-Dichloropropene, Total	<0.049		0.049	0.0088	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Ethylbenzene	**3.7**		0.012	0.0062	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
2-Hexanone	<0.25		0.25	0.028	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Methylene Chloride	<0.25		0.25	0.034	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Methyl Ethyl Ketone	<0.25		0.25	0.073	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
methyl isobutyl ketone	<0.25		0.25	0.016	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Methyl tert-butyl ether	<0.099		0.099	0.021	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Styrene	<0.049		0.049	0.0049	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,1,2,2-Tetrachloroethane	<0.049		0.049	0.012	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Tetrachloroethene	<0.049		0.049	0.0082	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Toluene	**0.016**		0.012	0.0057	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
trans-1,2-Dichloroethene	<0.049		0.049	0.012	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
trans-1,3-Dichloropropene	<0.049		0.049	0.010	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,1,1-Trichloroethane	<0.049		0.049	0.0099	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
1,1,2-Trichloroethane	<0.049		0.049	0.014	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Trichloroethene	<0.025		0.025	0.0092	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Vinyl chloride	<0.012		0.012	0.0051	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50
Xylenes, Total	**5.3**		0.025	0.0034	mg/Kg	☼	12/20/13 13:55	01/03/14 03:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*	*12/20/13 13:55*	*01/03/14 03:43*	*50*
Dibromofluoromethane	*96*		*75 - 120*	*12/20/13 13:55*	*01/03/14 03:43*	*50*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 125*	*12/20/13 13:55*	*01/03/14 03:43*	*50*
Toluene-d8 (Surr)	*106*		*75 - 120*	*12/20/13 13:55*	*01/03/14 03:43*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0064	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Anthracene	<0.036		0.036	0.0060	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Benzo[a]anthracene	<0.036		0.036	0.0048	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Benzo[a]pyrene	<0.036		0.036	0.0069	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1

Client Sample ID: GP-07B-131220D

Lab Sample ID: 500-69043-25

Date Collected: 12/20/13 13:55
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.036		0.036	0.0077	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Benzo[g,h,i]perylene	<0.036		0.036	0.012	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Benzo[k]fluoranthene	<0.036		0.036	0.011	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.065	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4-Chloroaniline	<0.72		0.72	0.17	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Chrysene	<0.036		0.036	0.0098	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0069	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4,6-Dinitro-2-methylphenol	<0.36		0.36	0.29	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,4-Dinitrophenol	<0.72		0.72	0.63	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Fluoranthene	**0.019**	**J**	0.036	0.0066	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Fluorene	<0.036		0.036	0.0050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Hexachlorobenzene	<0.072		0.072	0.0083	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Hexachlorocyclopentadiene	<0.72		0.72	0.21	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.0093	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2-Methylnaphthalene	**1.1**		0.036	0.0066	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Naphthalene	**0.57**		0.036	0.0055	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Nitrobenzene	<0.036		0.036	0.0089	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
4-Nitrophenol	<0.72		0.72	0.34	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07B-131220D

Date Collected: 12/20/13 13:55
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-25

Matrix: Solid
Percent Solids: 88.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.18		0.18	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Pentachlorophenol	<0.72		0.72	0.57	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Phenanthrene	**0.040**		0.036	0.0050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
Pyrene	**0.011**	**J**	0.036	0.0071	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*43*		*25 - 119*	*01/02/14 07:04*	*01/07/14 22:05*	*1*
2-Fluorophenol	*47*		*25 - 110*	*01/02/14 07:04*	*01/07/14 22:05*	*1*
Nitrobenzene-d5	*45*		*25 - 115*	*01/02/14 07:04*	*01/07/14 22:05*	*1*
Phenol-d5	*49*		*31 - 110*	*01/02/14 07:04*	*01/07/14 22:05*	*1*
Terphenyl-d14	*50*		*36 - 134*	*01/02/14 07:04*	*01/07/14 22:05*	*1*
2,4,6-Tribromophenol	*40*		*35 - 137*	*01/02/14 07:04*	*01/07/14 22:05*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.5**	**B**	0.55	0.17	mg/Kg	☼	12/31/13 09:45	12/31/13 14:11	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-04A-131220

Date Collected: 12/20/13 14:25
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-26

Matrix: Solid
Percent Solids: 86.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0051		0.0051	0.0022	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Benzene	<0.0051		0.0051	0.00070	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Bromodichloromethane	<0.0051		0.0051	0.00087	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Bromoform	<0.0051		0.0051	0.0012	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Bromomethane	<0.0051		0.0051	0.0015	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Carbon disulfide	<0.0051		0.0051	0.00076	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Carbon tetrachloride	<0.0051		0.0051	0.00092	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Chlorobenzene	<0.0051		0.0051	0.00052	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Chloroethane	<0.0051		0.0051	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Chloroform	<0.0051		0.0051	0.00058	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Chloromethane	<0.0051		0.0051	0.0011	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
cis-1,2-Dichloroethene	<0.0051		0.0051	0.00072	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
cis-1,3-Dichloropropene	<0.0051		0.0051	0.00067	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Dibromochloromethane	<0.0051		0.0051	0.00088	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,1-Dichloroethane	<0.0051		0.0051	0.00080	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,2-Dichloroethane	<0.0051		0.0051	0.00075	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,1-Dichloroethene	<0.0051		0.0051	0.00082	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,2-Dichloropropane	<0.0051		0.0051	0.00077	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,3-Dichloropropene, Total	<0.0051		0.0051	0.00067	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Ethylbenzene	**0.028**		0.0051	0.0010	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
2-Hexanone	<0.0051		0.0051	0.0015	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Methylene Chloride	<0.0051		0.0051	0.0014	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0018	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
methyl isobutyl ketone	<0.0051		0.0051	0.0013	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Methyl tert-butyl ether	<0.0051		0.0051	0.00084	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Styrene	<0.0051		0.0051	0.00067	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,1,2,2-Tetrachloroethane	<0.0051		0.0051	0.0010	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Tetrachloroethene	<0.0051		0.0051	0.00078	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Toluene	**0.0043**	**J**	0.0051	0.00071	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
trans-1,2-Dichloroethene	<0.0051		0.0051	0.00070	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
trans-1,3-Dichloropropene	<0.0051		0.0051	0.00091	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,1,1-Trichloroethane	<0.0051		0.0051	0.00076	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
1,1,2-Trichloroethane	<0.0051		0.0051	0.00069	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Trichloroethene	<0.0051		0.0051	0.00084	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Vinyl chloride	<0.0051		0.0051	0.0011	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1
Xylenes, Total	**0.067**		0.010	0.00046	mg/Kg	☼	12/21/13 06:55	01/02/14 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*	*12/21/13 06:55*	*01/02/14 13:39*	*1*
Dibromofluoromethane	*92*		*75 - 120*	*12/21/13 06:55*	*01/02/14 13:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 134*	*12/21/13 06:55*	*01/02/14 13:39*	*1*
Toluene-d8 (Surr)	*103*		*75 - 122*	*12/21/13 06:55*	*01/02/14 13:39*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Benzo[a]pyrene	<0.037		0.037	0.0073	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1

Client Sample ID: GP-04A-131220

Date Collected: 12/20/13 14:25
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-26

Matrix: Solid
Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.037		0.037	0.0081	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Chrysene	<0.037		0.037	0.010	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4,6-Dinitro-2-methylphenol	<0.37		0.37	0.30	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Fluoranthene	<0.037		0.037	0.0070	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0097	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2-Methylnaphthalene	<0.037		0.037	0.0069	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-04A-131220

Date Collected: 12/20/13 14:25
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-26

Matrix: Solid
Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.19		0.19	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Phenanthrene	**0.0082**	**J**	0.037	0.0052	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
Pyrene	<0.037		0.037	0.0075	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	01/02/14 07:04	01/07/14 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*25 - 119*	*01/02/14 07:04*	*01/07/14 22:28*	*1*
2-Fluorophenol	*73*		*25 - 110*	*01/02/14 07:04*	*01/07/14 22:28*	*1*
Nitrobenzene-d5	*75*		*25 - 115*	*01/02/14 07:04*	*01/07/14 22:28*	*1*
Phenol-d5	*72*		*31 - 110*	*01/02/14 07:04*	*01/07/14 22:28*	*1*
Terphenyl-d14	*77*		*36 - 134*	*01/02/14 07:04*	*01/07/14 22:28*	*1*
2,4,6-Tribromophenol	*57*		*35 - 137*	*01/02/14 07:04*	*01/07/14 22:28*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.9**	**B**	0.49	0.15	mg/Kg	☼	12/31/13 09:45	12/31/13 14:17	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-04B-131220

Date Collected: 12/20/13 14:35
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-27

Matrix: Solid
Percent Solids: 89.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<28		28	7.4	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Benzene	<1.4		1.4	0.42	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Bromodichloromethane	<11		11	1.9	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Bromoform	<11		11	2.5	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Bromomethane	<11		11	3.9	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Carbon disulfide	<28		28	2.4	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Carbon tetrachloride	<5.7		5.7	1.5	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Chlorobenzene	<5.7		5.7	0.81	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Chloroethane	<11		11	2.5	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Chloroform	<5.7		5.7	1.2	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Chloromethane	<11		11	2.6	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
cis-1,2-Dichloroethene	<5.7		5.7	0.70	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
cis-1,3-Dichloropropene	<5.7		5.7	1.0	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Dibromochloromethane	<11		11	2.0	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,1-Dichloroethane	<5.7		5.7	1.1	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,2-Dichloroethane	<5.7		5.7	1.6	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,1-Dichloroethene	<5.7		5.7	1.7	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,2-Dichloropropane	<5.7		5.7	1.1	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,3-Dichloropropene, Total	<5.7		5.7	1.0	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Ethylbenzene	**51**		1.4	0.72	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
2-Hexanone	<28		28	3.2	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Methylene Chloride	<28		28	3.9	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Methyl Ethyl Ketone	<28		28	8.4	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
methyl isobutyl ketone	<28		28	1.9	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Methyl tert-butyl ether	<11		11	2.4	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Styrene	<5.7		5.7	0.56	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,1,2,2-Tetrachloroethane	<5.7		5.7	1.3	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Tetrachloroethene	<5.7		5.7	0.95	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Toluene	<1.4		1.4	0.65	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
trans-1,2-Dichloroethene	<5.7		5.7	1.4	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
trans-1,3-Dichloropropene	<5.7		5.7	1.2	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,1,1-Trichloroethane	<5.7		5.7	1.1	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
1,1,2-Trichloroethane	<5.7		5.7	1.6	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Trichloroethene	<2.8		2.8	1.1	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Vinyl chloride	<1.4		1.4	0.59	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000
Xylenes, Total	**130**		2.8	0.39	mg/Kg	☼	12/20/13 14:35	01/03/14 04:07	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*	*12/20/13 14:35*	*01/03/14 04:07*	*5000*
Dibromofluoromethane	*97*		*75 - 120*	*12/20/13 14:35*	*01/03/14 04:07*	*5000*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*	*12/20/13 14:35*	*01/03/14 04:07*	*5000*
Toluene-d8 (Surr)	*106*		*75 - 120*	*12/20/13 14:35*	*01/03/14 04:07*	*5000*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.061**		0.035	0.0064	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Acenaphthylene	<0.035		0.035	0.0047	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Anthracene	**0.050**		0.035	0.0059	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Benzo[a]anthracene	**0.014**	**J**	0.035	0.0048	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Benzo[a]pyrene	**0.0070**	**J**	0.035	0.0069	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-04B-131220
Date Collected: 12/20/13 14:35
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-27
Matrix: Solid
Percent Solids: 89.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.0088**	**J**	0.035	0.0076	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Benzo[g,h,i]perylene	**0.012**	**J**	0.035	0.011	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Benzo[k]fluoranthene	<0.035		0.035	0.010	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.036	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.053	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.065	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Butyl benzyl phthalate	<0.18		0.18	0.067	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Carbazole	<0.18		0.18	0.092	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4-Chloroaniline	<0.71		0.71	0.17	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4-Chloro-3-methylphenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2-Chloronaphthalene	<0.18		0.18	0.039	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2-Chlorophenol	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Chrysene	**0.0097**	**J**	0.035	0.0097	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0068	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
1,2-Dichlorobenzene	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
1,3-Dichlorobenzene	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
1,4-Dichlorobenzene	<0.18		0.18	0.045	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,4-Dichlorophenol	<0.35		0.35	0.084	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Diethyl phthalate	<0.18		0.18	0.060	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,4-Dimethylphenol	<0.35		0.35	0.13	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Dimethyl phthalate	<0.18		0.18	0.046	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Di-n-butyl phthalate	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4,6-Dinitro-2-methylphenol	<0.35		0.35	0.28	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,4-Dinitrophenol	<0.71		0.71	0.62	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,4-Dinitrotoluene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,6-Dinitrotoluene	<0.18		0.18	0.070	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Di-n-octyl phthalate	<0.18		0.18	0.058	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Fluoranthene	**0.053**		0.035	0.0066	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Fluorene	**0.10**		0.035	0.0050	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Hexachlorobenzene	<0.071		0.071	0.0082	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Hexachlorobutadiene	<0.18		0.18	0.056	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Hexachlorocyclopentadiene	<0.71		0.71	0.20	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Hexachloroethane	<0.18		0.18	0.054	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.0092	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2-Methylphenol	<0.18		0.18	0.057	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
3 & 4 Methylphenol	<0.18		0.18	0.059	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Naphthalene	**1.6**		0.035	0.0055	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
3-Nitroaniline	<0.35		0.35	0.11	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4-Nitroaniline	<0.35		0.35	0.15	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Nitrobenzene	<0.035		0.035	0.0088	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2-Nitrophenol	<0.35		0.35	0.084	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
4-Nitrophenol	<0.71		0.71	0.34	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
N-Nitrosodi-n-propylamine	<0.18		0.18	0.043	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1

Client Sample Results

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-04B-131220

Date Collected: 12/20/13 14:35
Date Received: 12/20/13 17:15

Lab Sample ID: 500-69043-27

Matrix: Solid
Percent Solids: 89.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.041	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Pentachlorophenol	<0.71		0.71	0.57	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Phenanthrene	**0.25**		0.035	0.0049	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Phenol	<0.18		0.18	0.079	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
Pyrene	**0.068**		0.035	0.0070	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.038	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,4,5-Trichlorophenol	<0.35		0.35	0.081	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1
2,4,6-Trichlorophenol	<0.35		0.35	0.12	mg/Kg	☼	01/02/14 07:04	01/07/14 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*25 - 119*	*01/02/14 07:04*	*01/07/14 22:51*	*1*
2-Fluorophenol	*76*		*25 - 110*	*01/02/14 07:04*	*01/07/14 22:51*	*1*
Nitrobenzene-d5	*95*		*25 - 115*	*01/02/14 07:04*	*01/07/14 22:51*	*1*
Phenol-d5	*80*		*31 - 110*	*01/02/14 07:04*	*01/07/14 22:51*	*1*
Terphenyl-d14	*77*		*36 - 134*	*01/02/14 07:04*	*01/07/14 22:51*	*1*
2,4,6-Tribromophenol	*68*		*35 - 137*	*01/02/14 07:04*	*01/07/14 22:51*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**5.2**		0.18	0.033	mg/Kg	☼	01/02/14 07:04	01/08/14 13:52	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.1**	**B**	0.56	0.17	mg/Kg	☼	12/31/13 09:45	12/31/13 15:33	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

GC/MS VOA

Prep Batch: 217834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	5035	
500-69043-3	GP-02A-131219	Total/NA	Solid	5035	
500-69043-5	GP-03A-131219	Total/NA	Solid	5035	
500-69043-7	GP-05A-131219	Total/NA	Solid	5035	
500-69043-9	GP-08A-131219	Total/NA	Solid	5035	
500-69043-11	GP-06A-131219	Total/NA	Solid	5035	
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	5035	
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	5035	
500-69043-15	GP-09A-131220	Total/NA	Solid	5035	
500-69043-16	GP-09B-131220	Total/NA	Solid	5035	
500-69043-17	GP-10A-131220	Total/NA	Solid	5035	
500-69043-18	GP-10B-131220	Total/NA	Solid	5035	
500-69043-19	GP-11A-131220	Total/NA	Solid	5035	
500-69043-26	GP-04A-131220	Total/NA	Solid	5035	
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	5035	
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	5035	

Prep Batch: 218172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-2 - DL	GP-01B-131219	Total/NA	Solid	5035	
500-69043-2	GP-01B-131219	Total/NA	Solid	5035	
500-69043-4	GP-02B-131219	Total/NA	Solid	5035	
500-69043-4 - DL	GP-02B-131219	Total/NA	Solid	5035	
500-69043-6 - DL	GP-03B-131219	Total/NA	Solid	5035	
500-69043-6	GP-03B-131219	Total/NA	Solid	5035	
500-69043-8 - DL	GP-05B-131219	Total/NA	Solid	5035	
500-69043-8	GP-05B-131219	Total/NA	Solid	5035	
500-69043-10	GP-08B-131219	Total/NA	Solid	5035	
500-69043-10 MS	GP-08B-131219	Total/NA	Solid	5035	
500-69043-10 MSD	GP-08B-131219	Total/NA	Solid	5035	
500-69043-12	GP-06B-131219	Total/NA	Solid	5035	
500-69043-13	GP-06B-131219D	Total/NA	Solid	5035	
500-69043-20	GP-11B-131220	Total/NA	Solid	5035	
500-69043-20 - DL	GP-11B-131220	Total/NA	Solid	5035	
500-69043-21	GP-11B-131220D	Total/NA	Solid	5035	
500-69043-21 - DL	GP-11B-131220D	Total/NA	Solid	5035	
500-69043-23	GP-07A-131220	Total/NA	Solid	5035	
500-69043-24	GP-07B-131220	Total/NA	Solid	5035	
500-69043-25	GP-07B-131220D	Total/NA	Solid	5035	
500-69043-27	GP-04B-131220	Total/NA	Solid	5035	

Analysis Batch: 218334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	8260B	217834
500-69043-3	GP-02A-131219	Total/NA	Solid	8260B	217834
500-69043-5	GP-03A-131219	Total/NA	Solid	8260B	217834
500-69043-7	GP-05A-131219	Total/NA	Solid	8260B	217834
500-69043-9	GP-08A-131219	Total/NA	Solid	8260B	217834
500-69043-11	GP-06A-131219	Total/NA	Solid	8260B	217834
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	8260B	217834
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	8260B	217834

GC/MS VOA (Continued)

Analysis Batch: 218334 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-16	GP-09B-131220	Total/NA	Solid	8260B	217834
500-69043-17	GP-10A-131220	Total/NA	Solid	8260B	217834
500-69043-18	GP-10B-131220	Total/NA	Solid	8260B	217834
LCS 500-218334/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-218334/5	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 218369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-14	Trip Blank 121913	Total/NA	Water	8260B	
LCS 500-218369/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-218369/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 218455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-2	GP-01B-131219	Total/NA	Solid	8260B	218172
500-69043-2 - DL	GP-01B-131219	Total/NA	Solid	8260B	218172
500-69043-4	GP-02B-131219	Total/NA	Solid	8260B	218172
500-69043-4 - DL	GP-02B-131219	Total/NA	Solid	8260B	218172
500-69043-6	GP-03B-131219	Total/NA	Solid	8260B	218172
500-69043-6 - DL	GP-03B-131219	Total/NA	Solid	8260B	218172
500-69043-8	GP-05B-131219	Total/NA	Solid	8260B	218172
500-69043-10	GP-08B-131219	Total/NA	Solid	8260B	218172
500-69043-10 MS	GP-08B-131219	Total/NA	Solid	8260B	218172
500-69043-10 MSD	GP-08B-131219	Total/NA	Solid	8260B	218172
500-69043-12	GP-06B-131219	Total/NA	Solid	8260B	218172
500-69043-13	GP-06B-131219D	Total/NA	Solid	8260B	218172
LCS 500-218455/11	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-218455/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 218482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-15	GP-09A-131220	Total/NA	Solid	8260B	217834
500-69043-19	GP-11A-131220	Total/NA	Solid	8260B	217834
500-69043-26	GP-04A-131220	Total/NA	Solid	8260B	217834
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	8260B	217834
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	8260B	217834
LCS 500-218482/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 500-218482/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 500-218482/5	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 218487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-8 - DL	GP-05B-131219	Total/NA	Solid	8260B	218172
500-69043-20	GP-11B-131220	Total/NA	Solid	8260B	218172
500-69043-21	GP-11B-131220D	Total/NA	Solid	8260B	218172
LCS 500-218487/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-218487/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 218488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-22	Trip Blank 122013	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 218488 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-218488/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-218488/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 218601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-23	GP-07A-131220	Total/NA	Solid	8260B	218172
500-69043-24	GP-07B-131220	Total/NA	Solid	8260B	218172
500-69043-25	GP-07B-131220D	Total/NA	Solid	8260B	218172
500-69043-27	GP-04B-131220	Total/NA	Solid	8260B	218172
LCS 500-218601/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-218601/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 218642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-20 - DL	GP-11B-131220	Total/NA	Solid	8260B	218172
500-69043-21 - DL	GP-11B-131220D	Total/NA	Solid	8260B	218172
LCS 500-218642/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-218642/6	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 218462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-23	GP-07A-131220	Total/NA	Solid	3541	
500-69043-24	GP-07B-131220	Total/NA	Solid	3541	
500-69043-25	GP-07B-131220D	Total/NA	Solid	3541	
500-69043-26	GP-04A-131220	Total/NA	Solid	3541	
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	3541	
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	3541	
500-69043-27	GP-04B-131220	Total/NA	Solid	3541	
500-69043-27 - DL	GP-04B-131220	Total/NA	Solid	3541	
LCS 500-218462/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-218462/1-A	Method Blank	Total/NA	Solid	3541	

Prep Batch: 218463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	3541	
500-69043-2	GP-01B-131219	Total/NA	Solid	3541	
500-69043-3	GP-02A-131219	Total/NA	Solid	3541	
500-69043-4	GP-02B-131219	Total/NA	Solid	3541	
500-69043-5	GP-03A-131219	Total/NA	Solid	3541	
500-69043-6	GP-03B-131219	Total/NA	Solid	3541	
500-69043-7	GP-05A-131219	Total/NA	Solid	3541	
500-69043-8	GP-05B-131219	Total/NA	Solid	3541	
500-69043-9	GP-08A-131219	Total/NA	Solid	3541	
500-69043-10	GP-08B-131219	Total/NA	Solid	3541	
500-69043-11	GP-06A-131219	Total/NA	Solid	3541	
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	3541	
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	3541	
500-69043-12	GP-06B-131219	Total/NA	Solid	3541	

GC/MS Semi VOA (Continued)

Prep Batch: 218463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-13	GP-06B-131219D	Total/NA	Solid	3541	
500-69043-15	GP-09A-131220	Total/NA	Solid	3541	
500-69043-16	GP-09B-131220	Total/NA	Solid	3541	
500-69043-17	GP-10A-131220	Total/NA	Solid	3541	
500-69043-18	GP-10B-131220	Total/NA	Solid	3541	
500-69043-19	GP-11A-131220	Total/NA	Solid	3541	
500-69043-20	GP-11B-131220	Total/NA	Solid	3541	
500-69043-20 - DL	GP-11B-131220	Total/NA	Solid	3541	
500-69043-21	GP-11B-131220D	Total/NA	Solid	3541	
500-69043-21 - DL	GP-11B-131220D	Total/NA	Solid	3541	
LCS 500-218463/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-218463/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 218566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-218462/2-A	Lab Control Sample	Total/NA	Solid	8270D	218462
LCS 500-218463/2-A	Lab Control Sample	Total/NA	Solid	8270D	218463
MB 500-218462/1-A	Method Blank	Total/NA	Solid	8270D	218462
MB 500-218463/1-A	Method Blank	Total/NA	Solid	8270D	218463

Analysis Batch: 218651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	8270D	218463
500-69043-2	GP-01B-131219	Total/NA	Solid	8270D	218463
500-69043-3	GP-02A-131219	Total/NA	Solid	8270D	218463
500-69043-5	GP-03A-131219	Total/NA	Solid	8270D	218463
500-69043-6	GP-03B-131219	Total/NA	Solid	8270D	218463
500-69043-7	GP-05A-131219	Total/NA	Solid	8270D	218463
500-69043-9	GP-08A-131219	Total/NA	Solid	8270D	218463
500-69043-10	GP-08B-131219	Total/NA	Solid	8270D	218463
500-69043-11	GP-06A-131219	Total/NA	Solid	8270D	218463
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	8270D	218463
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	8270D	218463
500-69043-12	GP-06B-131219	Total/NA	Solid	8270D	218463
500-69043-13	GP-06B-131219D	Total/NA	Solid	8270D	218463
500-69043-16	GP-09B-131220	Total/NA	Solid	8270D	218463

Analysis Batch: 218873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-23	GP-07A-131220	Total/NA	Solid	8270D	218462
500-69043-24	GP-07B-131220	Total/NA	Solid	8270D	218462
500-69043-25	GP-07B-131220D	Total/NA	Solid	8270D	218462
500-69043-26	GP-04A-131220	Total/NA	Solid	8270D	218462
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	8270D	218462
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	8270D	218462
500-69043-27	GP-04B-131220	Total/NA	Solid	8270D	218462

Analysis Batch: 219013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-4	GP-02B-131219	Total/NA	Solid	8270D	218463
500-69043-8	GP-05B-131219	Total/NA	Solid	8270D	218463

GC/MS Semi VOA (Continued)

Analysis Batch: 219013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-15	GP-09A-131220	Total/NA	Solid	8270D	218463
500-69043-17	GP-10A-131220	Total/NA	Solid	8270D	218463
500-69043-18	GP-10B-131220	Total/NA	Solid	8270D	218463
500-69043-19	GP-11A-131220	Total/NA	Solid	8270D	218463
500-69043-20	GP-11B-131220	Total/NA	Solid	8270D	218463
500-69043-20 - DL	GP-11B-131220	Total/NA	Solid	8270D	218463
500-69043-21	GP-11B-131220D	Total/NA	Solid	8270D	218463
500-69043-21 - DL	GP-11B-131220D	Total/NA	Solid	8270D	218463
500-69043-27 - DL	GP-04B-131220	Total/NA	Solid	8270D	218462

Metals

Prep Batch: 218329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	3050B	
500-69043-2	GP-01B-131219	Total/NA	Solid	3050B	
500-69043-3	GP-02A-131219	Total/NA	Solid	3050B	
500-69043-4	GP-02B-131219	Total/NA	Solid	3050B	
500-69043-5	GP-03A-131219	Total/NA	Solid	3050B	
500-69043-6	GP-03B-131219	Total/NA	Solid	3050B	
500-69043-7	GP-05A-131219	Total/NA	Solid	3050B	
500-69043-8	GP-05B-131219	Total/NA	Solid	3050B	
500-69043-9	GP-08A-131219	Total/NA	Solid	3050B	
500-69043-10	GP-08B-131219	Total/NA	Solid	3050B	
500-69043-11	GP-06A-131219	Total/NA	Solid	3050B	
500-69043-11 DU	GP-06A-131219	Total/NA	Solid	3050B	
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	3050B	
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	3050B	
500-69043-12	GP-06B-131219	Total/NA	Solid	3050B	
500-69043-13	GP-06B-131219D	Total/NA	Solid	3050B	
500-69043-15	GP-09A-131220	Total/NA	Solid	3050B	
500-69043-16	GP-09B-131220	Total/NA	Solid	3050B	
500-69043-17	GP-10A-131220	Total/NA	Solid	3050B	
500-69043-18	GP-10B-131220	Total/NA	Solid	3050B	
500-69043-19	GP-11A-131220	Total/NA	Solid	3050B	
500-69043-20	GP-11B-131220	Total/NA	Solid	3050B	
500-69043-21	GP-11B-131220D	Total/NA	Solid	3050B	
LCS 500-218329/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-218329/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 218336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-23	GP-07A-131220	Total/NA	Solid	3050B	
500-69043-24	GP-07B-131220	Total/NA	Solid	3050B	
500-69043-25	GP-07B-131220D	Total/NA	Solid	3050B	
500-69043-26	GP-04A-131220	Total/NA	Solid	3050B	
500-69043-26 DU	GP-04A-131220	Total/NA	Solid	3050B	
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	3050B	
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	3050B	
500-69043-27	GP-04B-131220	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 218336 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-218336/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-218336/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 218473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-23	GP-07A-131220	Total/NA	Solid	6010B	218336
500-69043-24	GP-07B-131220	Total/NA	Solid	6010B	218336
500-69043-25	GP-07B-131220D	Total/NA	Solid	6010B	218336
500-69043-26	GP-04A-131220	Total/NA	Solid	6010B	218336
500-69043-26 DU	GP-04A-131220	Total/NA	Solid	6010B	218336
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	6010B	218336
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	6010B	218336
500-69043-27	GP-04B-131220	Total/NA	Solid	6010B	218336
LCS 500-218336/2-A	Lab Control Sample	Total/NA	Solid	6010B	218336
MB 500-218336/1-A	Method Blank	Total/NA	Solid	6010B	218336

Analysis Batch: 218474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	6010B	218329
500-69043-2	GP-01B-131219	Total/NA	Solid	6010B	218329
500-69043-3	GP-02A-131219	Total/NA	Solid	6010B	218329
500-69043-4	GP-02B-131219	Total/NA	Solid	6010B	218329
500-69043-5	GP-03A-131219	Total/NA	Solid	6010B	218329
500-69043-6	GP-03B-131219	Total/NA	Solid	6010B	218329
500-69043-7	GP-05A-131219	Total/NA	Solid	6010B	218329
500-69043-8	GP-05B-131219	Total/NA	Solid	6010B	218329
500-69043-9	GP-08A-131219	Total/NA	Solid	6010B	218329
500-69043-10	GP-08B-131219	Total/NA	Solid	6010B	218329
500-69043-11	GP-06A-131219	Total/NA	Solid	6010B	218329
500-69043-11 DU	GP-06A-131219	Total/NA	Solid	6010B	218329
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	6010B	218329
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	6010B	218329
500-69043-12	GP-06B-131219	Total/NA	Solid	6010B	218329
500-69043-13	GP-06B-131219D	Total/NA	Solid	6010B	218329
500-69043-15	GP-09A-131220	Total/NA	Solid	6010B	218329
500-69043-16	GP-09B-131220	Total/NA	Solid	6010B	218329
500-69043-17	GP-10A-131220	Total/NA	Solid	6010B	218329
500-69043-18	GP-10B-131220	Total/NA	Solid	6010B	218329
500-69043-19	GP-11A-131220	Total/NA	Solid	6010B	218329
500-69043-20	GP-11B-131220	Total/NA	Solid	6010B	218329
500-69043-21	GP-11B-131220D	Total/NA	Solid	6010B	218329
LCS 500-218329/2-A	Lab Control Sample	Total/NA	Solid	6010B	218329
MB 500-218329/1-A	Method Blank	Total/NA	Solid	6010B	218329

General Chemistry

Analysis Batch: 217924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-1	GP-01A-131219	Total/NA	Solid	Moisture	
500-69043-2	GP-01B-131219	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 217924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-69043-3	GP-02A-131219	Total/NA	Solid	Moisture	
500-69043-4	GP-02B-131219	Total/NA	Solid	Moisture	
500-69043-5	GP-03A-131219	Total/NA	Solid	Moisture	
500-69043-6	GP-03B-131219	Total/NA	Solid	Moisture	
500-69043-7	GP-05A-131219	Total/NA	Solid	Moisture	
500-69043-8	GP-05B-131219	Total/NA	Solid	Moisture	
500-69043-9	GP-08A-131219	Total/NA	Solid	Moisture	
500-69043-10	GP-08B-131219	Total/NA	Solid	Moisture	
500-69043-11	GP-06A-131219	Total/NA	Solid	Moisture	
500-69043-11 DU	GP-06A-131219	Total/NA	Solid	Moisture	
500-69043-11 MS	GP-06A-131219	Total/NA	Solid	Moisture	
500-69043-11 MSD	GP-06A-131219	Total/NA	Solid	Moisture	
500-69043-12	GP-06B-131219	Total/NA	Solid	Moisture	
500-69043-13	GP-06B-131219D	Total/NA	Solid	Moisture	
500-69043-15	GP-09A-131220	Total/NA	Solid	Moisture	
500-69043-16	GP-09B-131220	Total/NA	Solid	Moisture	
500-69043-17	GP-10A-131220	Total/NA	Solid	Moisture	
500-69043-18	GP-10B-131220	Total/NA	Solid	Moisture	
500-69043-19	GP-11A-131220	Total/NA	Solid	Moisture	
500-69043-20	GP-11B-131220	Total/NA	Solid	Moisture	
500-69043-21	GP-11B-131220D	Total/NA	Solid	Moisture	
500-69043-23	GP-07A-131220	Total/NA	Solid	Moisture	
500-69043-24	GP-07B-131220	Total/NA	Solid	Moisture	
500-69043-25	GP-07B-131220D	Total/NA	Solid	Moisture	
500-69043-26	GP-04A-131220	Total/NA	Solid	Moisture	
500-69043-26 DU	GP-04A-131220	Total/NA	Solid	Moisture	
500-69043-26 MS	GP-04A-131220	Total/NA	Solid	Moisture	
500-69043-26 MSD	GP-04A-131220	Total/NA	Solid	Moisture	
500-69043-27	GP-04B-131220	Total/NA	Solid	Moisture	

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(70-122)	(75-120)	(70-134)	(75-122)
500-69043-1	GP-01A-131219	103	100	103	95
500-69043-3	GP-02A-131219	89	101	100	96
500-69043-5	GP-03A-131219	98	104	104	97
500-69043-7	GP-05A-131219	91	102	102	98
500-69043-9	GP-08A-131219	96	100	91	98
500-69043-11	GP-06A-131219	93	98	87	99
500-69043-11 MS	GP-06A-131219	95	90	86	104
500-69043-11 MSD	GP-06A-131219	92	94	83	104
500-69043-15	GP-09A-131220	92	97	87	95
500-69043-16	GP-09B-131220	96	97	86	98
500-69043-17	GP-10A-131220	94	96	91	99
500-69043-18	GP-10B-131220	92	94	90	96
500-69043-19	GP-11A-131220	94	101	94	96
500-69043-26	GP-04A-131220	89	92	81	103
500-69043-26 MS	GP-04A-131220	90	92	80	101
500-69043-26 MSD	GP-04A-131220	88	93	85	103
LCS 500-218334/6	Lab Control Sample	101	99	102	103
LCS 500-218482/6	Lab Control Sample	93	97	85	102
LCSD 500-218482/7	Lab Control Sample Dup	88	93	82	103
MB 500-218334/5	Method Blank	89	94	91	96
MB 500-218482/5	Method Blank	92	94	80	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(75-120)	(75-120)	(75-125)	(75-120)
500-69043-2	GP-01B-131219	101	91	186 X	105
500-69043-2 - DL	GP-01B-131219	101	95	115	102
500-69043-4	GP-02B-131219	100	94	131 X	104
500-69043-4 - DL	GP-02B-131219	102	93	108	104
500-69043-6	GP-03B-131219	101	89	133 X	102
500-69043-6 - DL	GP-03B-131219	98	96	109	104
500-69043-8	GP-05B-131219	99	93	127 X	101
500-69043-8 - DL	GP-05B-131219	94	92	106	104
500-69043-10	GP-08B-131219	99	92	129 X	104
500-69043-10 MS	GP-08B-131219	99	97	131 X	103
500-69043-10 MSD	GP-08B-131219	100	98	126 X	104
500-69043-12	GP-06B-131219	98	92	150 X	101
500-69043-13	GP-06B-131219D	100	94	117	102
500-69043-20	GP-11B-131220	143 X	77	165 X	108
500-69043-20 - DL	GP-11B-131220	98	93	100	102

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(75-120)	(75-120)	(75-125)	(75-120)
500-69043-21	GP-11B-131220D	105	91	123	103
500-69043-21 - DL	GP-11B-131220D	96	92	98	105
500-69043-23	GP-07A-131220	109	99	100	102
500-69043-24	GP-07B-131220	107	95	98	102
500-69043-25	GP-07B-131220D	95	96	97	106
500-69043-27	GP-04B-131220	107	97	101	106
LCS 500-218455/11	Lab Control Sample	99	97	101	104
LCS 500-218487/4	Lab Control Sample	99	97	103	102
LCS 500-218601/4	Lab Control Sample	95	99	103	106
LCS 500-218642/4	Lab Control Sample	99	99	97	102
MB 500-218455/6	Method Blank	101	96	106	102
MB 500-218487/6	Method Blank	99	93	105	101
MB 500-218601/6	Method Blank	109	100	103	103
MB 500-218642/6	Method Blank	99	91	99	105

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(75-120)	(75-120)	(75-125)	(75-120)
500-69043-14	Trip Blank 121913	99	92	101	104
500-69043-22	Trip Blank 122013	98	93	103	103
LCS 500-218369/4	Lab Control Sample	101	96	102	103
LCS 500-218488/4	Lab Control Sample	99	97	103	102
MB 500-218369/6	Method Blank	96	92	105	101
MB 500-218488/6	Method Blank	99	93	105	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(25-119)	(25-110)	(25-115)	(31-110)	(36-134)	(35-137)
500-69043-1	GP-01A-131219	77	77	70	83	87	84
500-69043-2	GP-01B-131219	79	56	69	61	69	97
500-69043-3	GP-02A-131219	86	74	77	83	87	102
500-69043-4	GP-02B-131219	122 X	96	98	100	104	121

Surrogate Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(25-119)	(25-110)	(25-115)	(31-110)	(36-134)	(35-137)
500-69043-5	GP-03A-131219	87	73	79	85	87	106
500-69043-6	GP-03B-131219	70	56	64	66	69	110
500-69043-7	GP-05A-131219	81	58	74	81	79	96
500-69043-8	GP-05B-131219	104	91	78	95	95	94
500-69043-9	GP-08A-131219	82	72	78	88	84	101
500-69043-10	GP-08B-131219	77	72	75	81	78	95
500-69043-11	GP-06A-131219	83	69	83	89	83	114
500-69043-11 MS	GP-06A-131219	80	80	79	84	101	101
500-69043-11 MSD	GP-06A-131219	78	80	77	82	95	105
500-69043-12	GP-06B-131219	85	71	90	87	85	116
500-69043-13	GP-06B-131219D	83	75	67	82	86	107
500-69043-15	GP-09A-131220	81	71	75	83	82	111
500-69043-16	GP-09B-131220	72	61	68	79	76	95
500-69043-17	GP-10A-131220	65	61	60	73	70	71
500-69043-18	GP-10B-131220	78	70	72	81	84	93
500-69043-19	GP-11A-131220	73	72	72	86	81	106
500-69043-20	GP-11B-131220	62	63	70	73	78	101
500-69043-20 - DL	GP-11B-131220	83	74	67	76	101	93
500-69043-21	GP-11B-131220D	84	78	90	76	86	121
500-69043-21 - DL	GP-11B-131220D	85	68	67	39	98	72
500-69043-23	GP-07A-131220	59	56	59	58	70	59
500-69043-24	GP-07B-131220	51	54	55	60	63	57
500-69043-25	GP-07B-131220D	43	47	45	49	50	40
500-69043-26	GP-04A-131220	67	73	75	72	77	57
500-69043-26 MS	GP-04A-131220	63	69	68	67	70	51
500-69043-26 MSD	GP-04A-131220	71	77	79	77	75	69
500-69043-27	GP-04B-131220	77	76	95	80	77	68
500-69043-27 - DL	GP-04B-131220	94	80	84	83	100	96
LCS 500-218462/2-A	Lab Control Sample	84	87	86	88	89	93
LCS 500-218463/2-A	Lab Control Sample	81	65	72	89	98	99
MB 500-218462/1-A	Method Blank	81	84	79	83	90	91
MB 500-218463/1-A	Method Blank	84	72	77	76	102	86

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 500-69043-11 MS | **Client Sample ID: GP-06A-131219**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 218334 | **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.028		0.0598	0.0736		mg/Kg	☼	76	50 - 138
Benzene	<0.0053		0.0598	0.0497		mg/Kg	☼	83	70 - 120
Bromodichloromethane	<0.0053		0.0598	0.0479		mg/Kg	☼	80	70 - 120
Bromoform	<0.0053		0.0598	0.0496		mg/Kg	☼	83	63 - 124
Bromomethane	<0.0053		0.0598	0.0513		mg/Kg	☼	86	50 - 150
Carbon disulfide	<0.0053		0.0598	0.0422		mg/Kg	☼	71	50 - 120
Carbon tetrachloride	<0.0053		0.0598	0.0424		mg/Kg	☼	71	63 - 124
Chlorobenzene	<0.0053		0.0598	0.0481		mg/Kg	☼	80	70 - 120
Chloroethane	<0.0053		0.0598	0.0464		mg/Kg	☼	78	50 - 150
Chloroform	<0.0053		0.0598	0.0471		mg/Kg	☼	79	70 - 120
Chloromethane	<0.0053		0.0598	0.0525		mg/Kg	☼	88	50 - 130
cis-1,2-Dichloroethene	<0.0053		0.0598	0.0493		mg/Kg	☼	82	70 - 120
cis-1,3-Dichloropropene	<0.0053		0.0598	0.0454		mg/Kg	☼	76	70 - 120
Dibromochloromethane	<0.0053		0.0598	0.0490		mg/Kg	☼	82	70 - 120
1,1-Dichloroethane	<0.0053		0.0598	0.0491		mg/Kg	☼	82	67 - 120
1,2-Dichloroethane	<0.0053		0.0598	0.0446		mg/Kg	☼	75	68 - 123
1,1-Dichloroethene	<0.0053		0.0598	0.0434		mg/Kg	☼	73	53 - 122
1,2-Dichloropropane	<0.0053		0.0598	0.0511		mg/Kg	☼	85	70 - 120
Ethylbenzene	<0.0053		0.0598	0.0472		mg/Kg	☼	79	70 - 120
2-Hexanone	<0.0053		0.0598	0.0544		mg/Kg	☼	91	64 - 130
Methylene Chloride	<0.0053		0.0598	0.0561		mg/Kg	☼	94	65 - 124
Methyl Ethyl Ketone	0.0072		0.0598	0.0600		mg/Kg	☼	88	58 - 133
methyl isobutyl ketone	<0.0053		0.0598	0.0531		mg/Kg	☼	89	68 - 126
Methyl tert-butyl ether	<0.0053		0.0598	0.0456		mg/Kg	☼	76	62 - 123
Styrene	<0.0053		0.0598	0.0475		mg/Kg	☼	79	75 - 120
1,1,2,2-Tetrachloroethane	<0.0053		0.0598	0.0475		mg/Kg	☼	79	70 - 125
Tetrachloroethene	<0.0053		0.0598	0.0453		mg/Kg	☼	76	70 - 120
Toluene	0.0030	J	0.0598	0.0529		mg/Kg	☼	83	70 - 120
trans-1,2-Dichloroethene	<0.0053		0.0598	0.0461		mg/Kg	☼	77	68 - 125
trans-1,3-Dichloropropene	<0.0053		0.0598	0.0456		mg/Kg	☼	76	68 - 120
1,1,1-Trichloroethane	<0.0053		0.0598	0.0428		mg/Kg	☼	72	66 - 127
1,1,2-Trichloroethane	<0.0053		0.0598	0.0499		mg/Kg	☼	83	70 - 120
Trichloroethene	<0.0053		0.0598	0.0482		mg/Kg	☼	80	70 - 120
Vinyl chloride	<0.0053		0.0598	0.0483		mg/Kg	☼	81	61 - 137
Xylenes, Total	<0.011		0.120	0.0945		mg/Kg	☼	79	70 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 122*
Dibromofluoromethane	*90*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 134*
Toluene-d8 (Surr)	*104*		*75 - 122*

Lab Sample ID: 500-69043-11 MSD | **Client Sample ID: GP-06A-131219**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 218334 | **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.028		0.0621	0.0473	F1 F2	mg/Kg	☼	31	50 - 138	43	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-11 MSD — **Client Sample ID: GP-06A-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218334 — **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.0053		0.0621	0.0589		mg/Kg	☼	95	70 - 120	17	30
Bromodichloromethane	<0.0053		0.0621	0.0557		mg/Kg	☼	90	70 - 120	15	30
Bromoform	<0.0053		0.0621	0.0561		mg/Kg	☼	90	63 - 124	12	30
Bromomethane	<0.0053		0.0621	0.0510		mg/Kg	☼	82	50 - 150	1	30
Carbon disulfide	<0.0053		0.0621	0.0542		mg/Kg	☼	87	50 - 120	25	30
Carbon tetrachloride	<0.0053		0.0621	0.0550		mg/Kg	☼	89	63 - 124	26	30
Chlorobenzene	<0.0053		0.0621	0.0571		mg/Kg	☼	92	70 - 120	17	30
Chloroethane	<0.0053		0.0621	0.0490		mg/Kg	☼	79	50 - 150	5	30
Chloroform	<0.0053		0.0621	0.0568		mg/Kg	☼	92	70 - 120	19	30
Chloromethane	<0.0053		0.0621	0.0558		mg/Kg	☼	90	50 - 130	6	30
cis-1,2-Dichloroethene	<0.0053		0.0621	0.0600		mg/Kg	☼	97	70 - 120	20	30
cis-1,3-Dichloropropene	<0.0053		0.0621	0.0517		mg/Kg	☼	83	70 - 120	13	30
Dibromochloromethane	<0.0053		0.0621	0.0579		mg/Kg	☼	93	70 - 120	17	30
1,1-Dichloroethane	<0.0053		0.0621	0.0595		mg/Kg	☼	96	67 - 120	19	30
1,2-Dichloroethane	<0.0053		0.0621	0.0520		mg/Kg	☼	84	68 - 123	15	30
1,1-Dichloroethene	<0.0053		0.0621	0.0550		mg/Kg	☼	89	53 - 122	24	30
1,2-Dichloropropane	<0.0053		0.0621	0.0601		mg/Kg	☼	97	70 - 120	16	30
Ethylbenzene	<0.0053		0.0621	0.0572		mg/Kg	☼	92	70 - 120	19	30
2-Hexanone	<0.0053		0.0621	0.0507		mg/Kg	☼	82	64 - 130	7	30
Methylene Chloride	<0.0053		0.0621	0.0649		mg/Kg	☼	105	65 - 124	14	30
Methyl Ethyl Ketone	0.0072		0.0621	0.0473		mg/Kg	☼	65	58 - 133	24	30
methyl isobutyl ketone	<0.0053		0.0621	0.0482		mg/Kg	☼	78	68 - 126	10	30
Methyl tert-butyl ether	<0.0053		0.0621	0.0565		mg/Kg	☼	91	62 - 123	21	30
Styrene	<0.0053		0.0621	0.0572		mg/Kg	☼	92	75 - 120	18	30
1,1,2,2-Tetrachloroethane	<0.0053		0.0621	0.0497		mg/Kg	☼	80	70 - 125	5	30
Tetrachloroethene	<0.0053		0.0621	0.0533		mg/Kg	☼	86	70 - 120	16	30
Toluene	0.0030	J	0.0621	0.0584		mg/Kg	☼	89	70 - 120	10	30
trans-1,2-Dichloroethene	<0.0053		0.0621	0.0585		mg/Kg	☼	94	68 - 125	24	30
trans-1,3-Dichloropropene	<0.0053		0.0621	0.0490		mg/Kg	☼	79	68 - 120	7	30
1,1,1-Trichloroethane	<0.0053		0.0621	0.0550		mg/Kg	☼	89	66 - 127	25	30
1,1,2-Trichloroethane	<0.0053		0.0621	0.0537		mg/Kg	☼	86	70 - 120	7	30
Trichloroethene	<0.0053		0.0621	0.0579		mg/Kg	☼	93	70 - 120	18	30
Vinyl chloride	<0.0053		0.0621	0.0527		mg/Kg	☼	85	61 - 137	9	30
Xylenes, Total	<0.011		0.124	0.114		mg/Kg	☼	92	70 - 120	19	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*
Dibromofluoromethane	*94*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 134*
Toluene-d8 (Surr)	*104*		*75 - 122*

Lab Sample ID: 500-69043-26 MS — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218482 — **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	<0.0051		0.0502	0.0251		mg/Kg	☼	50	50 - 138
Benzene	<0.0051		0.0502	0.0384		mg/Kg	☼	76	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-26 MS — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218482 — **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	<0.0051		0.0502	0.0368		mg/Kg	☼	73	70 - 120
Bromoform	<0.0051		0.0502	0.0373		mg/Kg	☼	74	63 - 124
Bromomethane	<0.0051		0.0502	0.0435		mg/Kg	☼	87	50 - 150
Carbon disulfide	<0.0051		0.0502	0.0337		mg/Kg	☼	67	50 - 120
Carbon tetrachloride	<0.0051		0.0502	0.0344		mg/Kg	☼	68	63 - 124
Chlorobenzene	<0.0051		0.0502	0.0376		mg/Kg	☼	75	70 - 120
Chloroethane	<0.0051		0.0502	0.0347		mg/Kg	☼	69	50 - 150
Chloroform	<0.0051		0.0502	0.0373		mg/Kg	☼	74	70 - 120
Chloromethane	<0.0051		0.0502	0.0377		mg/Kg	☼	75	50 - 130
cis-1,2-Dichloroethene	<0.0051		0.0502	0.0393		mg/Kg	☼	78	70 - 120
cis-1,3-Dichloropropene	<0.0051		0.0502	0.0342	F1	mg/Kg	☼	68	70 - 120
Dibromochloromethane	<0.0051		0.0502	0.0373		mg/Kg	☼	74	70 - 120
1,1-Dichloroethane	<0.0051		0.0502	0.0379		mg/Kg	☼	75	67 - 120
1,2-Dichloroethane	<0.0051		0.0502	0.0331	F1	mg/Kg	☼	66	68 - 123
1,1-Dichloroethene	<0.0051		0.0502	0.0344		mg/Kg	☼	69	53 - 122
1,2-Dichloropropane	<0.0051		0.0502	0.0386		mg/Kg	☼	77	70 - 120
Ethylbenzene	0.028		0.0502	0.0368	F1	mg/Kg	☼	18	70 - 120
2-Hexanone	<0.0051		0.0502	0.0318	F1	mg/Kg	☼	63	64 - 130
Methylene Chloride	<0.0051		0.0502	0.0409		mg/Kg	☼	82	65 - 124
Methyl Ethyl Ketone	<0.0051		0.0502	0.0287	F1	mg/Kg	☼	57	58 - 133
methyl isobutyl ketone	<0.0051		0.0502	0.0329	F1	mg/Kg	☼	66	68 - 126
Methyl tert-butyl ether	<0.0051		0.0502	0.0352		mg/Kg	☼	70	62 - 123
Styrene	<0.0051		0.0502	0.0375		mg/Kg	☼	75	75 - 120
1,1,2,2-Tetrachloroethane	<0.0051		0.0502	0.0344	F1	mg/Kg	☼	69	70 - 125
Tetrachloroethene	<0.0051		0.0502	0.0370		mg/Kg	☼	74	70 - 120
Toluene	0.0043	J	0.0502	0.0392	F1	mg/Kg	☼	69	70 - 120
trans-1,2-Dichloroethene	<0.0051		0.0502	0.0376		mg/Kg	☼	75	68 - 125
trans-1,3-Dichloropropene	<0.0051		0.0502	0.0341		mg/Kg	☼	68	68 - 120
1,1,1-Trichloroethane	<0.0051		0.0502	0.0345		mg/Kg	☼	69	66 - 127
1,1,2-Trichloroethane	<0.0051		0.0502	0.0354		mg/Kg	☼	71	70 - 120
Trichloroethene	<0.0051		0.0502	0.0387		mg/Kg	☼	77	70 - 120
Vinyl chloride	<0.0051		0.0502	0.0361		mg/Kg	☼	72	61 - 137
Xylenes, Total	0.067		0.100	0.0734	F1	mg/Kg	☼	6	70 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*
Dibromofluoromethane	*92*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 134*
Toluene-d8 (Surr)	*101*		*75 - 122*

Lab Sample ID: 500-69043-26 MSD — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218482 — **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	<0.0051		0.0477	0.0465	F2	mg/Kg	☼	97	50 - 138	60	30
Benzene	<0.0051		0.0477	0.0325	F1	mg/Kg	☼	68	70 - 120	17	30
Bromodichloromethane	<0.0051		0.0477	0.0309	F1	mg/Kg	☼	65	70 - 120	17	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-26 MSD — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218482 — **Prep Batch: 217834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	<0.0051		0.0477	0.0312		mg/Kg	☼	65	63 - 124	18	30
Bromomethane	<0.0051		0.0477	0.0381		mg/Kg	☼	80	50 - 150	13	30
Carbon disulfide	<0.0051		0.0477	0.0284		mg/Kg	☼	60	50 - 120	17	30
Carbon tetrachloride	<0.0051		0.0477	0.0303		mg/Kg	☼	64	63 - 124	13	30
Chlorobenzene	<0.0051		0.0477	0.0314	F1	mg/Kg	☼	66	70 - 120	18	30
Chloroethane	<0.0051		0.0477	0.0379		mg/Kg	☼	79	50 - 150	9	30
Chloroform	<0.0051		0.0477	0.0318	F1	mg/Kg	☼	67	70 - 120	16	30
Chloromethane	<0.0051		0.0477	0.0368		mg/Kg	☼	77	50 - 130	2	30
cis-1,2-Dichloroethene	<0.0051		0.0477	0.0338		mg/Kg	☼	71	70 - 120	15	30
cis-1,3-Dichloropropene	<0.0051		0.0477	0.0299	F1	mg/Kg	☼	63	70 - 120	13	30
Dibromochloromethane	<0.0051		0.0477	0.0320	F1	mg/Kg	☼	67	70 - 120	15	30
1,1-Dichloroethane	<0.0051		0.0477	0.0330		mg/Kg	☼	69	67 - 120	14	30
1,2-Dichloroethane	<0.0051		0.0477	0.0286	F1	mg/Kg	☼	60	68 - 123	15	30
1,1-Dichloroethene	<0.0051		0.0477	0.0289		mg/Kg	☼	61	53 - 122	17	30
1,2-Dichloropropane	<0.0051		0.0477	0.0325	F1	mg/Kg	☼	68	70 - 120	17	30
Ethylbenzene	0.028		0.0477	0.0305	F1	mg/Kg	☼	6	70 - 120	19	30
2-Hexanone	<0.0051		0.0477	0.0393		mg/Kg	☼	82	64 - 130	21	30
Methylene Chloride	<0.0051		0.0477	0.0370		mg/Kg	☼	78	65 - 124	10	30
Methyl Ethyl Ketone	<0.0051		0.0477	0.0480	F2	mg/Kg	☼	100	58 - 133	50	30
methyl isobutyl ketone	<0.0051		0.0477	0.0391		mg/Kg	☼	82	68 - 126	17	30
Methyl tert-butyl ether	<0.0051		0.0477	0.0313		mg/Kg	☼	66	62 - 123	12	30
Styrene	<0.0051		0.0477	0.0308	F1	mg/Kg	☼	65	75 - 120	20	30
1,1,2,2-Tetrachloroethane	<0.0051		0.0477	0.0280	F1	mg/Kg	☼	59	70 - 125	21	30
Tetrachloroethene	<0.0051		0.0477	0.0306	F1	mg/Kg	☼	64	70 - 120	19	30
Toluene	0.0043	J	0.0477	0.0347	F1	mg/Kg	☼	64	70 - 120	12	30
trans-1,2-Dichloroethene	<0.0051		0.0477	0.0317	F1	mg/Kg	☼	66	68 - 125	17	30
trans-1,3-Dichloropropene	<0.0051		0.0477	0.0285	F1	mg/Kg	☼	60	68 - 120	18	30
1,1,1-Trichloroethane	<0.0051		0.0477	0.0302	F1	mg/Kg	☼	63	66 - 127	13	30
1,1,2-Trichloroethane	<0.0051		0.0477	0.0302	F1	mg/Kg	☼	63	70 - 120	16	30
Trichloroethene	<0.0051		0.0477	0.0325	F1	mg/Kg	☼	68	70 - 120	17	30
Vinyl chloride	<0.0051		0.0477	0.0351		mg/Kg	☼	74	61 - 137	3	30
Xylenes, Total	0.067		0.0955	0.0609	F1	mg/Kg	☼	-6	70 - 120	19	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 122*
Dibromofluoromethane	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 134*
Toluene-d8 (Surr)	*103*		*75 - 122*

Lab Sample ID: 500-69043-10 MS — **Client Sample ID: GP-08B-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218455 — **Prep Batch: 218172**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	<0.24		2.36	2.23		mg/Kg	☼	95	46 - 153
Benzene	<0.012		2.36	2.34		mg/Kg	☼	99	70 - 120
Bromodichloromethane	<0.094		2.36	2.83		mg/Kg	☼	120	70 - 120
Bromoform	<0.094		2.36	2.38		mg/Kg	☼	101	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-10 MS — **Client Sample ID: GP-08B-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218455 — **Prep Batch: 218172**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	<0.094		2.36	2.42		mg/Kg	☼	103	50 - 150
Carbon disulfide	<0.24		2.36	2.32		mg/Kg	☼	98	50 - 120
Carbon tetrachloride	<0.047		2.36	2.49		mg/Kg	☼	106	70 - 125
Chlorobenzene	<0.047		2.36	2.43		mg/Kg	☼	103	70 - 120
Chloroethane	<0.094		2.36	2.48		mg/Kg	☼	105	50 - 150
Chloroform	<0.047		2.36	2.57		mg/Kg	☼	109	70 - 120
Chloromethane	<0.094		2.36	2.37		mg/Kg	☼	101	50 - 134
cis-1,2-Dichloroethene	<0.047		2.36	2.45		mg/Kg	☼	104	70 - 120
cis-1,3-Dichloropropene	<0.047		2.36	2.58		mg/Kg	☼	109	70 - 120
Dibromochloromethane	<0.094		2.36	2.65		mg/Kg	☼	112	70 - 120
1,1-Dichloroethane	<0.047		2.36	2.50		mg/Kg	☼	106	68 - 121
1,2-Dichloroethane	<0.047		2.36	2.51		mg/Kg	☼	107	69 - 120
1,1-Dichloroethene	<0.047		2.36	2.35		mg/Kg	☼	100	58 - 122
1,2-Dichloropropane	<0.047		2.36	2.50		mg/Kg	☼	106	70 - 120
Ethylbenzene	2.4		2.36	5.04		mg/Kg	☼	111	75 - 120
2-Hexanone	<0.24		2.36	2.25		mg/Kg	☼	95	55 - 144
Methylene Chloride	<0.24		2.36	2.36		mg/Kg	☼	100	65 - 125
Methyl Ethyl Ketone	<0.24		2.36	2.29		mg/Kg	☼	97	54 - 138
methyl isobutyl ketone	<0.24		2.36	2.48		mg/Kg	☼	105	59 - 135
Methyl tert-butyl ether	<0.094		2.36	2.57		mg/Kg	☼	109	58 - 122
Styrene	<0.047		2.36	2.67		mg/Kg	☼	113	75 - 120
1,1,2,2-Tetrachloroethane	<0.047		2.36	2.83		mg/Kg	☼	120	70 - 128
Tetrachloroethene	<0.047		2.36	2.41		mg/Kg	☼	102	70 - 123
Toluene	0.027		2.36	2.52		mg/Kg	☼	106	70 - 120
trans-1,2-Dichloroethene	<0.047		2.36	2.42		mg/Kg	☼	103	70 - 124
trans-1,3-Dichloropropene	<0.047		2.36	2.62		mg/Kg	☼	111	70 - 120
1,1,1-Trichloroethane	<0.047		2.36	2.45		mg/Kg	☼	104	70 - 123
1,1,2-Trichloroethane	<0.047		2.36	2.48		mg/Kg	☼	105	69 - 120
Trichloroethene	<0.024		2.36	2.40		mg/Kg	☼	102	70 - 120
Vinyl chloride	<0.012		2.36	2.46		mg/Kg	☼	104	62 - 138
Xylenes, Total	4.1		4.71	9.39		mg/Kg	☼	113	70 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*131*	*X*	*75 - 125*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: 500-69043-10 MSD — **Client Sample ID: GP-08B-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218455 — **Prep Batch: 218172**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	<0.24		2.36	2.33		mg/Kg	☼	99	46 - 153	4	30
Benzene	<0.012		2.36	2.35		mg/Kg	☼	100	70 - 120	0	30
Bromodichloromethane	<0.094		2.36	2.84		mg/Kg	☼	120	70 - 120	0	30
Bromoform	<0.094		2.36	2.21		mg/Kg	☼	94	70 - 125	7	30
Bromomethane	<0.094		2.36	2.43		mg/Kg	☼	103	50 - 150	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-10 MSD — **Client Sample ID: GP-08B-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218455 — **Prep Batch: 218172**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	<0.24		2.36	2.35		mg/Kg	☼	100	50 - 120	1	30
Carbon tetrachloride	<0.047		2.36	2.50		mg/Kg	☼	106	70 - 125	0	30
Chlorobenzene	<0.047		2.36	2.40		mg/Kg	☼	102	70 - 120	1	30
Chloroethane	<0.094		2.36	2.39		mg/Kg	☼	102	50 - 150	4	30
Chloroform	<0.047		2.36	2.54		mg/Kg	☼	108	70 - 120	1	30
Chloromethane	<0.094		2.36	2.37		mg/Kg	☼	100	50 - 134	0	30
cis-1,2-Dichloroethene	<0.047		2.36	2.46		mg/Kg	☼	104	70 - 120	0	30
cis-1,3-Dichloropropene	<0.047		2.36	2.59		mg/Kg	☼	110	70 - 120	0	30
Dibromochloromethane	<0.094		2.36	2.57		mg/Kg	☼	109	70 - 120	3	30
1,1-Dichloroethane	<0.047		2.36	2.50		mg/Kg	☼	106	68 - 121	0	30
1,2-Dichloroethane	<0.047		2.36	2.47		mg/Kg	☼	105	69 - 120	2	30
1,1-Dichloroethene	<0.047		2.36	2.37		mg/Kg	☼	101	58 - 122	1	30
1,2-Dichloropropane	<0.047		2.36	2.46		mg/Kg	☼	105	70 - 120	1	30
Ethylbenzene	2.4		2.36	5.01		mg/Kg	☼	110	75 - 120	1	30
2-Hexanone	<0.24		2.36	2.09		mg/Kg	☼	89	55 - 144	7	30
Methylene Chloride	<0.24		2.36	2.33		mg/Kg	☼	99	65 - 125	1	30
Methyl Ethyl Ketone	<0.24		2.36	2.27		mg/Kg	☼	96	54 - 138	1	30
methyl isobutyl ketone	<0.24		2.36	2.40		mg/Kg	☼	102	59 - 135	3	30
Methyl tert-butyl ether	<0.094		2.36	2.53		mg/Kg	☼	107	58 - 122	2	30
Styrene	<0.047		2.36	2.60		mg/Kg	☼	110	75 - 120	3	30
1,1,2,2-Tetrachloroethane	<0.047		2.36	2.69		mg/Kg	☼	114	70 - 128	5	30
Tetrachloroethene	<0.047		2.36	2.37		mg/Kg	☼	101	70 - 123	2	30
Toluene	0.027		2.36	2.55		mg/Kg	☼	107	70 - 120	1	30
trans-1,2-Dichloroethene	<0.047		2.36	2.39		mg/Kg	☼	101	70 - 124	1	30
trans-1,3-Dichloropropene	<0.047		2.36	2.54		mg/Kg	☼	108	70 - 120	3	30
1,1,1-Trichloroethane	<0.047		2.36	2.47		mg/Kg	☼	105	70 - 123	1	30
1,1,2-Trichloroethane	<0.047		2.36	2.41		mg/Kg	☼	102	69 - 120	3	30
Trichloroethene	<0.024		2.36	2.43		mg/Kg	☼	103	70 - 120	1	30
Vinyl chloride	<0.012		2.36	2.47		mg/Kg	☼	105	62 - 138	1	30
Xylenes, Total	4.1		4.71	9.32		mg/Kg	☼	111	70 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*
Dibromofluoromethane	*98*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*126*	*X*	*75 - 125*
Toluene-d8 (Surr)	*104*		*75 - 120*

Lab Sample ID: MB 500-218334/5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218334

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0022	mg/Kg			12/31/13 12:10	1
Benzene	<0.0050		0.0050	0.00069	mg/Kg			12/31/13 12:10	1
Bromodichloromethane	<0.0050		0.0050	0.00086	mg/Kg			12/31/13 12:10	1
Bromoform	<0.0050		0.0050	0.0012	mg/Kg			12/31/13 12:10	1
Bromomethane	<0.0050		0.0050	0.0015	mg/Kg			12/31/13 12:10	1
Carbon disulfide	<0.0050		0.0050	0.00075	mg/Kg			12/31/13 12:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218334/5
Matrix: Solid
Analysis Batch: 218334

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.0050		0.0050	0.00091	mg/Kg			12/31/13 12:10	1
Chlorobenzene	<0.0050		0.0050	0.00051	mg/Kg			12/31/13 12:10	1
Chloroethane	<0.0050		0.0050	0.0014	mg/Kg			12/31/13 12:10	1
Chloroform	<0.0050		0.0050	0.00058	mg/Kg			12/31/13 12:10	1
Chloromethane	<0.0050		0.0050	0.0011	mg/Kg			12/31/13 12:10	1
cis-1,2-Dichloroethene	<0.0050		0.0050	0.00071	mg/Kg			12/31/13 12:10	1
cis-1,3-Dichloropropene	<0.0050		0.0050	0.00066	mg/Kg			12/31/13 12:10	1
Dibromochloromethane	<0.0050		0.0050	0.00087	mg/Kg			12/31/13 12:10	1
1,1-Dichloroethane	<0.0050		0.0050	0.00079	mg/Kg			12/31/13 12:10	1
1,2-Dichloroethane	<0.0050		0.0050	0.00074	mg/Kg			12/31/13 12:10	1
1,1-Dichloroethene	<0.0050		0.0050	0.00081	mg/Kg			12/31/13 12:10	1
1,2-Dichloropropane	<0.0050		0.0050	0.00076	mg/Kg			12/31/13 12:10	1
1,3-Dichloropropene, Total	<0.0050		0.0050	0.00066	mg/Kg			12/31/13 12:10	1
Ethylbenzene	<0.0050		0.0050	0.0010	mg/Kg			12/31/13 12:10	1
2-Hexanone	<0.0050		0.0050	0.0014	mg/Kg			12/31/13 12:10	1
Methylene Chloride	<0.0050		0.0050	0.0014	mg/Kg			12/31/13 12:10	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0018	mg/Kg			12/31/13 12:10	1
methyl isobutyl ketone	<0.0050		0.0050	0.0013	mg/Kg			12/31/13 12:10	1
Methyl tert-butyl ether	<0.0050		0.0050	0.00083	mg/Kg			12/31/13 12:10	1
Styrene	<0.0050		0.0050	0.00066	mg/Kg			12/31/13 12:10	1
1,1,2,2-Tetrachloroethane	<0.0050		0.0050	0.0010	mg/Kg			12/31/13 12:10	1
Tetrachloroethene	<0.0050		0.0050	0.00076	mg/Kg			12/31/13 12:10	1
Toluene	<0.0050		0.0050	0.00070	mg/Kg			12/31/13 12:10	1
trans-1,2-Dichloroethene	<0.0050		0.0050	0.00069	mg/Kg			12/31/13 12:10	1
trans-1,3-Dichloropropene	<0.0050		0.0050	0.00090	mg/Kg			12/31/13 12:10	1
1,1,1-Trichloroethane	<0.0050		0.0050	0.00075	mg/Kg			12/31/13 12:10	1
1,1,2-Trichloroethane	<0.0050		0.0050	0.00068	mg/Kg			12/31/13 12:10	1
Trichloroethene	<0.0050		0.0050	0.00083	mg/Kg			12/31/13 12:10	1
Vinyl chloride	<0.0050		0.0050	0.0011	mg/Kg			12/31/13 12:10	1
Xylenes, Total	<0.010		0.010	0.00045	mg/Kg			12/31/13 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*		*12/31/13 12:10*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*12/31/13 12:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*		*12/31/13 12:10*	*1*
Toluene-d8 (Surr)	*96*		*75 - 122*		*12/31/13 12:10*	*1*

Lab Sample ID: LCS 500-218334/6
Matrix: Solid
Analysis Batch: 218334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0564		mg/Kg		113	50 - 138
Benzene	0.0500	0.0493		mg/Kg		99	70 - 120
Bromodichloromethane	0.0500	0.0494		mg/Kg		99	70 - 120
Bromoform	0.0500	0.0469		mg/Kg		94	63 - 124
Bromomethane	0.0500	0.0586		mg/Kg		117	50 - 150
Carbon disulfide	0.0500	0.0459		mg/Kg		92	50 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218334/6
Matrix: Solid
Analysis Batch: 218334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.0500	0.0502		mg/Kg		100	63 - 124
Chlorobenzene	0.0500	0.0483		mg/Kg		97	70 - 120
Chloroethane	0.0500	0.0598		mg/Kg		120	50 - 150
Chloroform	0.0500	0.0506		mg/Kg		101	70 - 120
Chloromethane	0.0500	0.0522		mg/Kg		104	50 - 130
cis-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0452		mg/Kg		90	70 - 120
Dibromochloromethane	0.0500	0.0478		mg/Kg		96	70 - 120
1,1-Dichloroethane	0.0500	0.0499		mg/Kg		100	67 - 120
1,2-Dichloroethane	0.0500	0.0505		mg/Kg		101	68 - 123
1,1-Dichloroethene	0.0500	0.0470		mg/Kg		94	53 - 122
1,2-Dichloropropane	0.0500	0.0478		mg/Kg		96	70 - 120
Ethylbenzene	0.0500	0.0493		mg/Kg		99	70 - 120
2-Hexanone	0.0500	0.0555		mg/Kg		111	64 - 130
Methylene Chloride	0.0500	0.0529		mg/Kg		106	65 - 124
Methyl Ethyl Ketone	0.0500	0.0607		mg/Kg		121	58 - 133
methyl isobutyl ketone	0.0500	0.0539		mg/Kg		108	68 - 126
Methyl tert-butyl ether	0.0500	0.0497		mg/Kg		99	62 - 123
Styrene	0.0500	0.0490		mg/Kg		98	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0473		mg/Kg		95	70 - 125
Tetrachloroethene	0.0500	0.0480		mg/Kg		96	70 - 120
Toluene	0.0500	0.0482		mg/Kg		96	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0494		mg/Kg		99	68 - 125
trans-1,3-Dichloropropene	0.0500	0.0452		mg/Kg		90	68 - 120
1,1,1-Trichloroethane	0.0500	0.0517		mg/Kg		103	66 - 127
1,1,2-Trichloroethane	0.0500	0.0481		mg/Kg		96	70 - 120
Trichloroethene	0.0500	0.0479		mg/Kg		96	70 - 120
Vinyl chloride	0.0500	0.0538		mg/Kg		108	61 - 137
Xylenes, Total	0.100	0.100		mg/Kg		100	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 122*
Dibromofluoromethane	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*
Toluene-d8 (Surr)	*103*		*75 - 122*

Lab Sample ID: MB 500-218369/6
Matrix: Water
Analysis Batch: 218369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/L			12/31/13 15:15	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/31/13 15:15	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/31/13 15:15	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/31/13 15:15	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/31/13 15:15	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/31/13 15:15	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/31/13 15:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218369/6
Matrix: Water
Analysis Batch: 218369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/31/13 15:15	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/31/13 15:15	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/31/13 15:15	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/31/13 15:15	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/31/13 15:15	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/31/13 15:15	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/31/13 15:15	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/31/13 15:15	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/31/13 15:15	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/31/13 15:15	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/31/13 15:15	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/31/13 15:15	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/31/13 15:15	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/31/13 15:15	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/31/13 15:15	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/31/13 15:15	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/31/13 15:15	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/31/13 15:15	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/31/13 15:15	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/31/13 15:15	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/31/13 15:15	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/31/13 15:15	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/31/13 15:15	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/31/13 15:15	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/31/13 15:15	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/31/13 15:15	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/31/13 15:15	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/31/13 15:15	1
Xylenes, Total	<0.0010		0.0010	0.000068	mg/L			12/31/13 15:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*12/31/13 15:15*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*12/31/13 15:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*12/31/13 15:15*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*12/31/13 15:15*	*1*

Lab Sample ID: LCS 500-218369/4
Matrix: Water
Analysis Batch: 218369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0448		mg/L		90	46 - 153
Benzene	0.0500	0.0478		mg/L		96	70 - 120
Bromodichloromethane	0.0500	0.0522		mg/L		104	70 - 120
Bromoform	0.0500	0.0439		mg/L		88	70 - 125
Bromomethane	0.0500	0.0461		mg/L		92	50 - 150
Carbon disulfide	0.0500	0.0487		mg/L		97	50 - 120
Carbon tetrachloride	0.0500	0.0504		mg/L		101	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218369/4
Matrix: Water
Analysis Batch: 218369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	0.0500	0.0474		mg/L		95	70 - 120
Chloroethane	0.0500	0.0462		mg/L		92	50 - 150
Chloroform	0.0500	0.0485		mg/L		97	70 - 120
Chloromethane	0.0500	0.0488		mg/L		98	50 - 134
cis-1,2-Dichloroethene	0.0500	0.0478		mg/L		96	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0523		mg/L		105	70 - 120
Dibromochloromethane	0.0500	0.0524		mg/L		105	70 - 120
1,1-Dichloroethane	0.0500	0.0485		mg/L		97	68 - 121
1,2-Dichloroethane	0.0500	0.0491		mg/L		98	69 - 120
1,1-Dichloroethene	0.0500	0.0478		mg/L		96	58 - 122
1,2-Dichloropropane	0.0500	0.0499		mg/L		100	70 - 120
Ethylbenzene	0.0500	0.0500		mg/L		100	75 - 120
2-Hexanone	0.0500	0.0526		mg/L		105	55 - 144
Methylene Chloride	0.0500	0.0463		mg/L		93	65 - 125
Methyl Ethyl Ketone	0.0500	0.0481		mg/L		96	54 - 138
methyl isobutyl ketone	0.0500	0.0504		mg/L		101	59 - 135
Methyl tert-butyl ether	0.0500	0.0500		mg/L		100	58 - 122
Styrene	0.0500	0.0495		mg/L		99	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0511		mg/L		102	70 - 128
Tetrachloroethene	0.0500	0.0494		mg/L		99	70 - 123
Toluene	0.0500	0.0504		mg/L		101	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0481		mg/L		96	70 - 124
trans-1,3-Dichloropropene	0.0500	0.0531		mg/L		106	70 - 120
1,1,1-Trichloroethane	0.0500	0.0504		mg/L		101	70 - 123
1,1,2-Trichloroethane	0.0500	0.0486		mg/L		97	69 - 120
Trichloroethene	0.0500	0.0487		mg/L		97	70 - 120
Vinyl chloride	0.0500	0.0499		mg/L		100	62 - 138
Xylenes, Total	0.100	0.0991		mg/L		99	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: MB 500-218455/6
Matrix: Solid
Analysis Batch: 218455

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/Kg			01/01/14 16:16	1
Benzene	<0.00025		0.00025	0.000074	mg/Kg			01/01/14 16:16	1
Bromodichloromethane	<0.0020		0.0020	0.00034	mg/Kg			01/01/14 16:16	1
Bromoform	<0.0020		0.0020	0.00044	mg/Kg			01/01/14 16:16	1
Bromomethane	<0.0020		0.0020	0.00068	mg/Kg			01/01/14 16:16	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/Kg			01/01/14 16:16	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/Kg			01/01/14 16:16	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/Kg			01/01/14 16:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218455/6
Matrix: Solid
Analysis Batch: 218455

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<0.0020		0.0020	0.00044	mg/Kg			01/01/14 16:16	1
Chloroform	<0.0010		0.0010	0.00021	mg/Kg			01/01/14 16:16	1
Chloromethane	<0.0020		0.0020	0.00046	mg/Kg			01/01/14 16:16	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/Kg			01/01/14 16:16	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/Kg			01/01/14 16:16	1
Dibromochloromethane	<0.0020		0.0020	0.00035	mg/Kg			01/01/14 16:16	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/Kg			01/01/14 16:16	1
1,2-Dichloroethane	<0.0010		0.0010	0.00029	mg/Kg			01/01/14 16:16	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/Kg			01/01/14 16:16	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/Kg			01/01/14 16:16	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/Kg			01/01/14 16:16	1
Ethylbenzene	<0.00025		0.00025	0.00013	mg/Kg			01/01/14 16:16	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/Kg			01/01/14 16:16	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/Kg			01/01/14 16:16	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/Kg			01/01/14 16:16	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/Kg			01/01/14 16:16	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00043	mg/Kg			01/01/14 16:16	1
Styrene	<0.0010		0.0010	0.000099	mg/Kg			01/01/14 16:16	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/Kg			01/01/14 16:16	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/Kg			01/01/14 16:16	1
Toluene	<0.00025		0.00025	0.00012	mg/Kg			01/01/14 16:16	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/Kg			01/01/14 16:16	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/Kg			01/01/14 16:16	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/Kg			01/01/14 16:16	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/Kg			01/01/14 16:16	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/Kg			01/01/14 16:16	1
Vinyl chloride	<0.00025		0.00025	0.00010	mg/Kg			01/01/14 16:16	1
Xylenes, Total	<0.00050		0.00050	0.000068	mg/Kg			01/01/14 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*		*01/01/14 16:16*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*01/01/14 16:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*01/01/14 16:16*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*01/01/14 16:16*	*1*

Lab Sample ID: LCS 500-218455/11
Matrix: Solid
Analysis Batch: 218455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0495		mg/Kg		99	46 - 153
Benzene	0.0500	0.0499		mg/Kg		100	70 - 120
Bromodichloromethane	0.0500	0.0528		mg/Kg		106	70 - 120
Bromoform	0.0500	0.0470		mg/Kg		94	70 - 125
Bromomethane	0.0500	0.0533		mg/Kg		107	50 - 150
Carbon disulfide	0.0500	0.0495		mg/Kg		99	50 - 120
Carbon tetrachloride	0.0500	0.0533		mg/Kg		107	70 - 125
Chlorobenzene	0.0500	0.0507		mg/Kg		101	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218455/11
Matrix: Solid
Analysis Batch: 218455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	0.0500	0.0526		mg/Kg		105	50 - 150
Chloroform	0.0500	0.0529		mg/Kg		106	70 - 120
Chloromethane	0.0500	0.0523		mg/Kg		105	50 - 134
cis-1,2-Dichloroethene	0.0500	0.0503		mg/Kg		101	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0535		mg/Kg		107	70 - 120
Dibromochloromethane	0.0500	0.0543		mg/Kg		109	70 - 120
1,1-Dichloroethane	0.0500	0.0520		mg/Kg		104	68 - 121
1,2-Dichloroethane	0.0500	0.0519		mg/Kg		104	69 - 120
1,1-Dichloroethene	0.0500	0.0483		mg/Kg		97	58 - 122
1,2-Dichloropropane	0.0500	0.0507		mg/Kg		101	70 - 120
Ethylbenzene	0.0500	0.0533		mg/Kg		107	75 - 120
2-Hexanone	0.0500	0.0534		mg/Kg		107	55 - 144
Methylene Chloride	0.0500	0.0465		mg/Kg		93	65 - 125
Methyl Ethyl Ketone	0.0500	0.0488		mg/Kg		98	54 - 138
methyl isobutyl ketone	0.0500	0.0536		mg/Kg		107	59 - 135
Methyl tert-butyl ether	0.0500	0.0518		mg/Kg		104	58 - 122
Styrene	0.0500	0.0539		mg/Kg		108	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0525		mg/Kg		105	70 - 128
Tetrachloroethene	0.0500	0.0506		mg/Kg		101	70 - 123
Toluene	0.0500	0.0528		mg/Kg		106	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 124
trans-1,3-Dichloropropene	0.0500	0.0542		mg/Kg		108	70 - 120
1,1,1-Trichloroethane	0.0500	0.0547		mg/Kg		109	70 - 123
1,1,2-Trichloroethane	0.0500	0.0501		mg/Kg		100	69 - 120
Trichloroethene	0.0500	0.0507		mg/Kg		101	70 - 120
Vinyl chloride	0.0500	0.0536		mg/Kg		107	62 - 138
Xylenes, Total	0.100	0.108		mg/Kg		108	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*
Toluene-d8 (Surr)	*104*		*75 - 120*

Lab Sample ID: MB 500-218482/5
Matrix: Solid
Analysis Batch: 218482

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0022	mg/Kg			01/02/14 10:39	1
Benzene	<0.0050		0.0050	0.00069	mg/Kg			01/02/14 10:39	1
Bromodichloromethane	<0.0050		0.0050	0.00086	mg/Kg			01/02/14 10:39	1
Bromoform	<0.0050		0.0050	0.0012	mg/Kg			01/02/14 10:39	1
Bromomethane	<0.0050		0.0050	0.0015	mg/Kg			01/02/14 10:39	1
Carbon disulfide	<0.0050		0.0050	0.00075	mg/Kg			01/02/14 10:39	1
Carbon tetrachloride	<0.0050		0.0050	0.00091	mg/Kg			01/02/14 10:39	1
Chlorobenzene	<0.0050		0.0050	0.00051	mg/Kg			01/02/14 10:39	1
Chloroethane	<0.0050		0.0050	0.0014	mg/Kg			01/02/14 10:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218482/5
Matrix: Solid
Analysis Batch: 218482

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.0050		0.0050	0.00058	mg/Kg			01/02/14 10:39	1
Chloromethane	<0.0050		0.0050	0.0011	mg/Kg			01/02/14 10:39	1
cis-1,2-Dichloroethene	<0.0050		0.0050	0.00071	mg/Kg			01/02/14 10:39	1
cis-1,3-Dichloropropene	<0.0050		0.0050	0.00066	mg/Kg			01/02/14 10:39	1
Dibromochloromethane	<0.0050		0.0050	0.00087	mg/Kg			01/02/14 10:39	1
1,1-Dichloroethane	<0.0050		0.0050	0.00079	mg/Kg			01/02/14 10:39	1
1,2-Dichloroethane	<0.0050		0.0050	0.00074	mg/Kg			01/02/14 10:39	1
1,1-Dichloroethene	<0.0050		0.0050	0.00081	mg/Kg			01/02/14 10:39	1
1,2-Dichloropropane	<0.0050		0.0050	0.00076	mg/Kg			01/02/14 10:39	1
1,3-Dichloropropene, Total	<0.0050		0.0050	0.00066	mg/Kg			01/02/14 10:39	1
Ethylbenzene	<0.0050		0.0050	0.0010	mg/Kg			01/02/14 10:39	1
2-Hexanone	<0.0050		0.0050	0.0014	mg/Kg			01/02/14 10:39	1
Methylene Chloride	<0.0050		0.0050	0.0014	mg/Kg			01/02/14 10:39	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0018	mg/Kg			01/02/14 10:39	1
methyl isobutyl ketone	<0.0050		0.0050	0.0013	mg/Kg			01/02/14 10:39	1
Methyl tert-butyl ether	<0.0050		0.0050	0.00083	mg/Kg			01/02/14 10:39	1
Styrene	<0.0050		0.0050	0.00066	mg/Kg			01/02/14 10:39	1
1,1,2,2-Tetrachloroethane	<0.0050		0.0050	0.0010	mg/Kg			01/02/14 10:39	1
Tetrachloroethene	<0.0050		0.0050	0.00076	mg/Kg			01/02/14 10:39	1
Toluene	<0.0050		0.0050	0.00070	mg/Kg			01/02/14 10:39	1
trans-1,2-Dichloroethene	<0.0050		0.0050	0.00069	mg/Kg			01/02/14 10:39	1
trans-1,3-Dichloropropene	<0.0050		0.0050	0.00090	mg/Kg			01/02/14 10:39	1
1,1,1-Trichloroethane	<0.0050		0.0050	0.00075	mg/Kg			01/02/14 10:39	1
1,1,2-Trichloroethane	<0.0050		0.0050	0.00068	mg/Kg			01/02/14 10:39	1
Trichloroethene	<0.0050		0.0050	0.00083	mg/Kg			01/02/14 10:39	1
Vinyl chloride	<0.0050		0.0050	0.0011	mg/Kg			01/02/14 10:39	1
Xylenes, Total	<0.010		0.010	0.00045	mg/Kg			01/02/14 10:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*01/02/14 10:39*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*01/02/14 10:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 134*		*01/02/14 10:39*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*01/02/14 10:39*	*1*

Lab Sample ID: LCS 500-218482/6
Matrix: Solid
Analysis Batch: 218482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0451		mg/Kg		90	50 - 138
Benzene	0.0500	0.0512		mg/Kg		102	70 - 120
Bromodichloromethane	0.0500	0.0492		mg/Kg		98	70 - 120
Bromoform	0.0500	0.0516		mg/Kg		103	63 - 124
Bromomethane	0.0500	0.0489		mg/Kg		98	50 - 150
Carbon disulfide	0.0500	0.0455		mg/Kg		91	50 - 120
Carbon tetrachloride	0.0500	0.0490		mg/Kg		98	63 - 124
Chlorobenzene	0.0500	0.0518		mg/Kg		104	70 - 120
Chloroethane	0.0500	0.0447		mg/Kg		89	50 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218482/6
Matrix: Solid
Analysis Batch: 218482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.0500	0.0497		mg/Kg		99	70 - 120
Chloromethane	0.0500	0.0506		mg/Kg		101	50 - 130
cis-1,2-Dichloroethene	0.0500	0.0518		mg/Kg		104	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0460		mg/Kg		92	70 - 120
Dibromochloromethane	0.0500	0.0503		mg/Kg		101	70 - 120
1,1-Dichloroethane	0.0500	0.0516		mg/Kg		103	67 - 120
1,2-Dichloroethane	0.0500	0.0453		mg/Kg		91	68 - 123
1,1-Dichloroethene	0.0500	0.0469		mg/Kg		94	53 - 122
1,2-Dichloropropane	0.0500	0.0524		mg/Kg		105	70 - 120
Ethylbenzene	0.0500	0.0521		mg/Kg		104	70 - 120
2-Hexanone	0.0500	0.0480		mg/Kg		96	64 - 130
Methylene Chloride	0.0500	0.0524		mg/Kg		105	65 - 124
Methyl Ethyl Ketone	0.0500	0.0462		mg/Kg		92	58 - 133
methyl isobutyl ketone	0.0500	0.0496		mg/Kg		99	68 - 126
Methyl tert-butyl ether	0.0500	0.0493		mg/Kg		99	62 - 123
Styrene	0.0500	0.0513		mg/Kg		103	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0476		mg/Kg		95	70 - 125
Tetrachloroethene	0.0500	0.0534		mg/Kg		107	70 - 120
Toluene	0.0500	0.0500		mg/Kg		100	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0502		mg/Kg		100	68 - 125
trans-1,3-Dichloropropene	0.0500	0.0453		mg/Kg		91	68 - 120
1,1,1-Trichloroethane	0.0500	0.0489		mg/Kg		98	66 - 127
1,1,2-Trichloroethane	0.0500	0.0485		mg/Kg		97	70 - 120
Trichloroethene	0.0500	0.0516		mg/Kg		103	70 - 120
Vinyl chloride	0.0500	0.0493		mg/Kg		99	61 - 137
Xylenes, Total	0.100	0.103		mg/Kg		103	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 122*
Dibromofluoromethane	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 134*
Toluene-d8 (Surr)	*102*		*75 - 122*

Lab Sample ID: LCSD 500-218482/7
Matrix: Solid
Analysis Batch: 218482

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.0500	0.0380		mg/Kg		76	50 - 138	17	30
Benzene	0.0500	0.0501		mg/Kg		100	70 - 120	2	30
Bromodichloromethane	0.0500	0.0474		mg/Kg		95	70 - 120	4	30
Bromoform	0.0500	0.0489		mg/Kg		98	63 - 124	5	30
Bromomethane	0.0500	0.0394		mg/Kg		79	50 - 150	21	30
Carbon disulfide	0.0500	0.0424		mg/Kg		85	50 - 120	7	30
Carbon tetrachloride	0.0500	0.0462		mg/Kg		92	63 - 124	6	30
Chlorobenzene	0.0500	0.0496		mg/Kg		99	70 - 120	4	30
Chloroethane	0.0500	0.0335		mg/Kg		67	50 - 150	29	30
Chloroform	0.0500	0.0473		mg/Kg		95	70 - 120	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-218482/7
Matrix: Solid
Analysis Batch: 218482

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	0.0500	0.0414		mg/Kg		83	50 - 130	20	30
cis-1,2-Dichloroethene	0.0500	0.0500		mg/Kg		100	70 - 120	4	30
cis-1,3-Dichloropropene	0.0500	0.0468		mg/Kg		94	70 - 120	2	30
Dibromochloromethane	0.0500	0.0494		mg/Kg		99	70 - 120	2	30
1,1-Dichloroethane	0.0500	0.0496		mg/Kg		99	67 - 120	4	30
1,2-Dichloroethane	0.0500	0.0448		mg/Kg		90	68 - 123	1	30
1,1-Dichloroethene	0.0500	0.0442		mg/Kg		88	53 - 122	6	30
1,2-Dichloropropane	0.0500	0.0509		mg/Kg		102	70 - 120	3	30
Ethylbenzene	0.0500	0.0490		mg/Kg		98	70 - 120	6	30
2-Hexanone	0.0500	0.0439		mg/Kg		88	64 - 130	9	30
Methylene Chloride	0.0500	0.0495		mg/Kg		99	65 - 124	6	30
Methyl Ethyl Ketone	0.0500	0.0432		mg/Kg		86	58 - 133	7	30
methyl isobutyl ketone	0.0500	0.0435		mg/Kg		87	68 - 126	13	30
Methyl tert-butyl ether	0.0500	0.0479		mg/Kg		96	62 - 123	3	30
Styrene	0.0500	0.0490		mg/Kg		98	75 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0500	0.0445		mg/Kg		89	70 - 125	7	30
Tetrachloroethene	0.0500	0.0513		mg/Kg		103	70 - 120	4	30
Toluene	0.0500	0.0495		mg/Kg		99	70 - 120	1	30
trans-1,2-Dichloroethene	0.0500	0.0480		mg/Kg		96	68 - 125	4	30
trans-1,3-Dichloropropene	0.0500	0.0457		mg/Kg		91	68 - 120	1	30
1,1,1-Trichloroethane	0.0500	0.0461		mg/Kg		92	66 - 127	6	30
1,1,2-Trichloroethane	0.0500	0.0463		mg/Kg		93	70 - 120	5	30
Trichloroethene	0.0500	0.0510		mg/Kg		102	70 - 120	1	30
Vinyl chloride	0.0500	0.0407		mg/Kg		81	61 - 137	19	30
Xylenes, Total	0.100	0.0975		mg/Kg		98	70 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 122*
Dibromofluoromethane	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 134*
Toluene-d8 (Surr)	*103*		*75 - 122*

Lab Sample ID: MB 500-218487/6
Matrix: Solid
Analysis Batch: 218487

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/Kg			01/02/14 11:57	1
Benzene	<0.00025		0.00025	0.000074	mg/Kg			01/02/14 11:57	1
Bromodichloromethane	<0.0020		0.0020	0.00034	mg/Kg			01/02/14 11:57	1
Bromoform	<0.0020		0.0020	0.00044	mg/Kg			01/02/14 11:57	1
Bromomethane	<0.0020		0.0020	0.00068	mg/Kg			01/02/14 11:57	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/Kg			01/02/14 11:57	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/Kg			01/02/14 11:57	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/Kg			01/02/14 11:57	1
Chloroethane	<0.0020		0.0020	0.00044	mg/Kg			01/02/14 11:57	1
Chloroform	<0.0010		0.0010	0.00021	mg/Kg			01/02/14 11:57	1
Chloromethane	<0.0020		0.0020	0.00046	mg/Kg			01/02/14 11:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218487/6
Matrix: Solid
Analysis Batch: 218487

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/Kg			01/02/14 11:57	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/Kg			01/02/14 11:57	1
Dibromochloromethane	<0.0020		0.0020	0.00035	mg/Kg			01/02/14 11:57	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/Kg			01/02/14 11:57	1
1,2-Dichloroethane	<0.0010		0.0010	0.00029	mg/Kg			01/02/14 11:57	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/Kg			01/02/14 11:57	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/Kg			01/02/14 11:57	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/Kg			01/02/14 11:57	1
Ethylbenzene	<0.00025		0.00025	0.00013	mg/Kg			01/02/14 11:57	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/Kg			01/02/14 11:57	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/Kg			01/02/14 11:57	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/Kg			01/02/14 11:57	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/Kg			01/02/14 11:57	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00043	mg/Kg			01/02/14 11:57	1
Styrene	<0.0010		0.0010	0.000099	mg/Kg			01/02/14 11:57	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/Kg			01/02/14 11:57	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/Kg			01/02/14 11:57	1
Toluene	<0.00025		0.00025	0.00012	mg/Kg			01/02/14 11:57	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/Kg			01/02/14 11:57	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/Kg			01/02/14 11:57	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/Kg			01/02/14 11:57	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/Kg			01/02/14 11:57	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/Kg			01/02/14 11:57	1
Vinyl chloride	<0.00025		0.00025	0.00010	mg/Kg			01/02/14 11:57	1
Xylenes, Total	<0.00050		0.00050	0.000068	mg/Kg			01/02/14 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*01/02/14 11:57*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*01/02/14 11:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*01/02/14 11:57*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*01/02/14 11:57*	*1*

Lab Sample ID: LCS 500-218487/4
Matrix: Solid
Analysis Batch: 218487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0462		mg/Kg		92	46 - 153
Benzene	0.0500	0.0469		mg/Kg		94	70 - 120
Bromodichloromethane	0.0500	0.0517		mg/Kg		103	70 - 120
Bromoform	0.0500	0.0439		mg/Kg		88	70 - 125
Bromomethane	0.0500	0.0472		mg/Kg		94	50 - 150
Carbon disulfide	0.0500	0.0452		mg/Kg		90	50 - 120
Carbon tetrachloride	0.0500	0.0491		mg/Kg		98	70 - 125
Chlorobenzene	0.0500	0.0465		mg/Kg		93	70 - 120
Chloroethane	0.0500	0.0473		mg/Kg		95	50 - 150
Chloroform	0.0500	0.0497		mg/Kg		99	70 - 120
Chloromethane	0.0500	0.0465		mg/Kg		93	50 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218487/4
Matrix: Solid
Analysis Batch: 218487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	0.0500	0.0481		mg/Kg		96	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0509		mg/Kg		102	70 - 120
Dibromochloromethane	0.0500	0.0512		mg/Kg		102	70 - 120
1,1-Dichloroethane	0.0500	0.0487		mg/Kg		97	68 - 121
1,2-Dichloroethane	0.0500	0.0498		mg/Kg		100	69 - 120
1,1-Dichloroethene	0.0500	0.0450		mg/Kg		90	58 - 122
1,2-Dichloropropane	0.0500	0.0489		mg/Kg		98	70 - 120
Ethylbenzene	0.0500	0.0487		mg/Kg		97	75 - 120
2-Hexanone	0.0500	0.0499		mg/Kg		100	55 - 144
Methylene Chloride	0.0500	0.0433		mg/Kg		87	65 - 125
Methyl Ethyl Ketone	0.0500	0.0484		mg/Kg		97	54 - 138
methyl isobutyl ketone	0.0500	0.0502		mg/Kg		100	59 - 135
Methyl tert-butyl ether	0.0500	0.0496		mg/Kg		99	58 - 122
Styrene	0.0500	0.0484		mg/Kg		97	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0508		mg/Kg		102	70 - 128
Tetrachloroethene	0.0500	0.0470		mg/Kg		94	70 - 123
Toluene	0.0500	0.0482		mg/Kg		96	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0464		mg/Kg		93	70 - 124
trans-1,3-Dichloropropene	0.0500	0.0517		mg/Kg		103	70 - 120
1,1,1-Trichloroethane	0.0500	0.0498		mg/Kg		100	70 - 123
1,1,2-Trichloroethane	0.0500	0.0473		mg/Kg		95	69 - 120
Trichloroethene	0.0500	0.0481		mg/Kg		96	70 - 120
Vinyl chloride	0.0500	0.0482		mg/Kg		96	62 - 138
Xylenes, Total	0.100	0.0976		mg/Kg		98	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: MB 500-218488/6
Matrix: Water
Analysis Batch: 218488

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/L			01/02/14 11:57	1
Benzene	<0.00050		0.00050	0.000074	mg/L			01/02/14 11:57	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			01/02/14 11:57	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			01/02/14 11:57	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			01/02/14 11:57	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			01/02/14 11:57	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			01/02/14 11:57	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			01/02/14 11:57	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			01/02/14 11:57	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			01/02/14 11:57	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			01/02/14 11:57	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			01/02/14 11:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218488/6
Matrix: Water
Analysis Batch: 218488

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			01/02/14 11:57	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			01/02/14 11:57	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			01/02/14 11:57	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			01/02/14 11:57	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			01/02/14 11:57	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			01/02/14 11:57	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			01/02/14 11:57	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			01/02/14 11:57	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			01/02/14 11:57	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			01/02/14 11:57	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			01/02/14 11:57	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			01/02/14 11:57	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			01/02/14 11:57	1
Styrene	<0.0010		0.0010	0.00010	mg/L			01/02/14 11:57	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			01/02/14 11:57	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			01/02/14 11:57	1
Toluene	<0.00050		0.00050	0.00011	mg/L			01/02/14 11:57	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			01/02/14 11:57	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			01/02/14 11:57	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			01/02/14 11:57	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			01/02/14 11:57	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			01/02/14 11:57	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			01/02/14 11:57	1
Xylenes, Total	<0.0010		0.0010	0.000068	mg/L			01/02/14 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*01/02/14 11:57*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*01/02/14 11:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*01/02/14 11:57*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*01/02/14 11:57*	*1*

Lab Sample ID: LCS 500-218488/4
Matrix: Water
Analysis Batch: 218488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0462		mg/L		92	46 - 153
Benzene	0.0500	0.0469		mg/L		94	70 - 120
Bromodichloromethane	0.0500	0.0517		mg/L		103	70 - 120
Bromoform	0.0500	0.0439		mg/L		88	70 - 125
Bromomethane	0.0500	0.0472		mg/L		94	50 - 150
Carbon disulfide	0.0500	0.0452		mg/L		90	50 - 120
Carbon tetrachloride	0.0500	0.0491		mg/L		98	70 - 125
Chlorobenzene	0.0500	0.0465		mg/L		93	70 - 120
Chloroethane	0.0500	0.0473		mg/L		95	50 - 150
Chloroform	0.0500	0.0497		mg/L		99	70 - 120
Chloromethane	0.0500	0.0465		mg/L		93	50 - 134
cis-1,2-Dichloroethene	0.0500	0.0481		mg/L		96	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218488/4
Matrix: Water
Analysis Batch: 218488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	0.0500	0.0509		mg/L		102	70 - 120
Dibromochloromethane	0.0500	0.0512		mg/L		102	70 - 120
1,1-Dichloroethane	0.0500	0.0487		mg/L		97	68 - 121
1,2-Dichloroethane	0.0500	0.0498		mg/L		100	69 - 120
1,1-Dichloroethene	0.0500	0.0450		mg/L		90	58 - 122
1,2-Dichloropropane	0.0500	0.0489		mg/L		98	70 - 120
Ethylbenzene	0.0500	0.0487		mg/L		97	75 - 120
2-Hexanone	0.0500	0.0499		mg/L		100	55 - 144
Methylene Chloride	0.0500	0.0433		mg/L		87	65 - 125
Methyl Ethyl Ketone	0.0500	0.0484		mg/L		97	54 - 138
methyl isobutyl ketone	0.0500	0.0502		mg/L		100	59 - 135
Methyl tert-butyl ether	0.0500	0.0496		mg/L		99	58 - 122
Styrene	0.0500	0.0484		mg/L		97	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0508		mg/L		102	70 - 128
Tetrachloroethene	0.0500	0.0470		mg/L		94	70 - 123
Toluene	0.0500	0.0482		mg/L		96	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0464		mg/L		93	70 - 124
trans-1,3-Dichloropropene	0.0500	0.0517		mg/L		103	70 - 120
1,1,1-Trichloroethane	0.0500	0.0498		mg/L		100	70 - 123
1,1,2-Trichloroethane	0.0500	0.0473		mg/L		95	69 - 120
Trichloroethene	0.0500	0.0481		mg/L		96	70 - 120
Vinyl chloride	0.0500	0.0482		mg/L		96	62 - 138
Xylenes, Total	0.100	0.0976		mg/L		98	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: MB 500-218601/6
Matrix: Solid
Analysis Batch: 218601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/Kg			01/02/14 20:10	1
Benzene	<0.00025		0.00025	0.000074	mg/Kg			01/02/14 20:10	1
Bromodichloromethane	<0.0020		0.0020	0.00034	mg/Kg			01/02/14 20:10	1
Bromoform	<0.0020		0.0020	0.00044	mg/Kg			01/02/14 20:10	1
Bromomethane	<0.0020		0.0020	0.00068	mg/Kg			01/02/14 20:10	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/Kg			01/02/14 20:10	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/Kg			01/02/14 20:10	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/Kg			01/02/14 20:10	1
Chloroethane	<0.0020		0.0020	0.00044	mg/Kg			01/02/14 20:10	1
Chloroform	<0.0010		0.0010	0.00021	mg/Kg			01/02/14 20:10	1
Chloromethane	<0.0020		0.0020	0.00046	mg/Kg			01/02/14 20:10	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/Kg			01/02/14 20:10	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/Kg			01/02/14 20:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218601/6
Matrix: Solid
Analysis Batch: 218601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<0.0020		0.0020	0.00035	mg/Kg			01/02/14 20:10	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/Kg			01/02/14 20:10	1
1,2-Dichloroethane	<0.0010		0.0010	0.00029	mg/Kg			01/02/14 20:10	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/Kg			01/02/14 20:10	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/Kg			01/02/14 20:10	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/Kg			01/02/14 20:10	1
Ethylbenzene	<0.00025		0.00025	0.00013	mg/Kg			01/02/14 20:10	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/Kg			01/02/14 20:10	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/Kg			01/02/14 20:10	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/Kg			01/02/14 20:10	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/Kg			01/02/14 20:10	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00043	mg/Kg			01/02/14 20:10	1
Styrene	<0.0010		0.0010	0.000099	mg/Kg			01/02/14 20:10	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/Kg			01/02/14 20:10	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/Kg			01/02/14 20:10	1
Toluene	<0.00025		0.00025	0.00012	mg/Kg			01/02/14 20:10	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/Kg			01/02/14 20:10	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/Kg			01/02/14 20:10	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/Kg			01/02/14 20:10	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/Kg			01/02/14 20:10	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/Kg			01/02/14 20:10	1
Vinyl chloride	<0.00025		0.00025	0.00010	mg/Kg			01/02/14 20:10	1
Xylenes, Total	<0.00050		0.00050	0.000068	mg/Kg			01/02/14 20:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*75 - 120*		*01/02/14 20:10*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*01/02/14 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*01/02/14 20:10*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*01/02/14 20:10*	*1*

Lab Sample ID: LCS 500-218601/4
Matrix: Solid
Analysis Batch: 218601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0552		mg/Kg		110	46 - 153
Benzene	0.0500	0.0517		mg/Kg		103	70 - 120
Bromodichloromethane	0.0500	0.0523		mg/Kg		105	70 - 120
Bromoform	0.0500	0.0507		mg/Kg		101	70 - 125
Bromomethane	0.0500	0.0473		mg/Kg		95	50 - 150
Carbon disulfide	0.0500	0.0515		mg/Kg		103	50 - 120
Carbon tetrachloride	0.0500	0.0524		mg/Kg		105	70 - 125
Chlorobenzene	0.0500	0.0524		mg/Kg		105	70 - 120
Chloroethane	0.0500	0.0466		mg/Kg		93	50 - 150
Chloroform	0.0500	0.0528		mg/Kg		106	70 - 120
Chloromethane	0.0500	0.0524		mg/Kg		105	50 - 134
cis-1,2-Dichloroethene	0.0500	0.0530		mg/Kg		106	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0518		mg/Kg		104	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218601/4
Matrix: Solid
Analysis Batch: 218601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	0.0500	0.0506		mg/Kg		101	70 - 120
1,1-Dichloroethane	0.0500	0.0534		mg/Kg		107	68 - 121
1,2-Dichloroethane	0.0500	0.0525		mg/Kg		105	69 - 120
1,1-Dichloroethene	0.0500	0.0520		mg/Kg		104	58 - 122
1,2-Dichloropropane	0.0500	0.0523		mg/Kg		105	70 - 120
Ethylbenzene	0.0500	0.0531		mg/Kg		106	75 - 120
2-Hexanone	0.0500	0.0546		mg/Kg		109	55 - 144
Methylene Chloride	0.0500	0.0490		mg/Kg		98	65 - 125
Methyl Ethyl Ketone	0.0500	0.0515		mg/Kg		103	54 - 138
methyl isobutyl ketone	0.0500	0.0499		mg/Kg		100	59 - 135
Methyl tert-butyl ether	0.0500	0.0513		mg/Kg		103	58 - 122
Styrene	0.0500	0.0542		mg/Kg		108	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0446		mg/Kg		89	70 - 128
Tetrachloroethene	0.0500	0.0518		mg/Kg		104	70 - 123
Toluene	0.0500	0.0512		mg/Kg		102	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0516		mg/Kg		103	70 - 124
trans-1,3-Dichloropropene	0.0500	0.0522		mg/Kg		104	70 - 120
1,1,1-Trichloroethane	0.0500	0.0524		mg/Kg		105	70 - 123
1,1,2-Trichloroethane	0.0500	0.0513		mg/Kg		103	69 - 120
Trichloroethene	0.0500	0.0510		mg/Kg		102	70 - 120
Vinyl chloride	0.0500	0.0546		mg/Kg		109	62 - 138
Xylenes, Total	0.100	0.107		mg/Kg		107	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*
Dibromofluoromethane	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
Toluene-d8 (Surr)	*106*		*75 - 120*

Lab Sample ID: MB 500-218642/6
Matrix: Solid
Analysis Batch: 218642

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0050		0.0050	0.0013	mg/Kg			01/03/14 11:07	1
Benzene	<0.00025		0.00025	0.000074	mg/Kg			01/03/14 11:07	1
Bromodichloromethane	<0.0020		0.0020	0.00034	mg/Kg			01/03/14 11:07	1
Bromoform	<0.0020		0.0020	0.00044	mg/Kg			01/03/14 11:07	1
Bromomethane	<0.0020		0.0020	0.00068	mg/Kg			01/03/14 11:07	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/Kg			01/03/14 11:07	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/Kg			01/03/14 11:07	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/Kg			01/03/14 11:07	1
Chloroethane	<0.0020		0.0020	0.00044	mg/Kg			01/03/14 11:07	1
Chloroform	<0.0010		0.0010	0.00021	mg/Kg			01/03/14 11:07	1
Chloromethane	<0.0020		0.0020	0.00046	mg/Kg			01/03/14 11:07	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/Kg			01/03/14 11:07	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/Kg			01/03/14 11:07	1
Dibromochloromethane	<0.0020		0.0020	0.00035	mg/Kg			01/03/14 11:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218642/6
Matrix: Solid
Analysis Batch: 218642

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/Kg			01/03/14 11:07	1
1,2-Dichloroethane	<0.0010		0.0010	0.00029	mg/Kg			01/03/14 11:07	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/Kg			01/03/14 11:07	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/Kg			01/03/14 11:07	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/Kg			01/03/14 11:07	1
Ethylbenzene	<0.00025		0.00025	0.00013	mg/Kg			01/03/14 11:07	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/Kg			01/03/14 11:07	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/Kg			01/03/14 11:07	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/Kg			01/03/14 11:07	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/Kg			01/03/14 11:07	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00043	mg/Kg			01/03/14 11:07	1
Styrene	<0.0010		0.0010	0.000099	mg/Kg			01/03/14 11:07	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/Kg			01/03/14 11:07	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/Kg			01/03/14 11:07	1
Toluene	<0.00025		0.00025	0.00012	mg/Kg			01/03/14 11:07	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/Kg			01/03/14 11:07	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/Kg			01/03/14 11:07	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/Kg			01/03/14 11:07	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/Kg			01/03/14 11:07	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/Kg			01/03/14 11:07	1
Vinyl chloride	<0.00025		0.00025	0.00010	mg/Kg			01/03/14 11:07	1
Xylenes, Total	<0.00050		0.00050	0.000068	mg/Kg			01/03/14 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*01/03/14 11:07*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*01/03/14 11:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 125*		*01/03/14 11:07*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*01/03/14 11:07*	*1*

Lab Sample ID: LCS 500-218642/4
Matrix: Solid
Analysis Batch: 218642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.0500	0.0448		mg/Kg		90	46 - 153
Benzene	0.0500	0.0537		mg/Kg		107	70 - 120
Bromodichloromethane	0.0500	0.0560		mg/Kg		112	70 - 120
Bromoform	0.0500	0.0464		mg/Kg		93	70 - 125
Bromomethane	0.0500	0.0562		mg/Kg		112	50 - 150
Carbon disulfide	0.0500	0.0596		mg/Kg		119	50 - 120
Carbon tetrachloride	0.0500	0.0608		mg/Kg		122	70 - 125
Chlorobenzene	0.0500	0.0526		mg/Kg		105	70 - 120
Chloroethane	0.0500	0.0564		mg/Kg		113	50 - 150
Chloroform	0.0500	0.0569		mg/Kg		114	70 - 120
Chloromethane	0.0500	0.0527		mg/Kg		105	50 - 134
cis-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0547		mg/Kg		109	70 - 120
Dibromochloromethane	0.0500	0.0532		mg/Kg		106	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218642/4
Matrix: Solid
Analysis Batch: 218642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.0500	0.0575		mg/Kg		115	68 - 121
1,2-Dichloroethane	0.0500	0.0522		mg/Kg		104	69 - 120
1,1-Dichloroethene	0.0500	0.0566		mg/Kg		113	58 - 122
1,2-Dichloropropane	0.0500	0.0529		mg/Kg		106	70 - 120
Ethylbenzene	0.0500	0.0569		mg/Kg		114	75 - 120
2-Hexanone	0.0500	0.0465		mg/Kg		93	55 - 144
Methylene Chloride	0.0500	0.0502		mg/Kg		100	65 - 125
Methyl Ethyl Ketone	0.0500	0.0415		mg/Kg		83	54 - 138
methyl isobutyl ketone	0.0500	0.0455		mg/Kg		91	59 - 135
Methyl tert-butyl ether	0.0500	0.0533		mg/Kg		107	58 - 122
Styrene	0.0500	0.0550		mg/Kg		110	75 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 128
Tetrachloroethene	0.0500	0.0541		mg/Kg		108	70 - 123
Toluene	0.0500	0.0556		mg/Kg		111	70 - 120
trans-1,2-Dichloroethene	0.0500	0.0573		mg/Kg		115	70 - 124
trans-1,3-Dichloropropene	0.0500	0.0540		mg/Kg		108	70 - 120
1,1,1-Trichloroethane	0.0500	0.0622	*	mg/Kg		124	70 - 123
1,1,2-Trichloroethane	0.0500	0.0483		mg/Kg		97	69 - 120
Trichloroethene	0.0500	0.0548		mg/Kg		110	70 - 120
Vinyl chloride	0.0500	0.0549		mg/Kg		110	62 - 138
Xylenes, Total	0.100	0.115		mg/Kg		115	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 125*
Toluene-d8 (Surr)	*102*		*75 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-218462/1-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0060	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Acenaphthylene	<0.033		0.033	0.0044	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Anthracene	<0.033		0.033	0.0056	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Benzo[a]anthracene	<0.033		0.033	0.0045	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Benzo[a]pyrene	<0.033		0.033	0.0064	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Benzo[b]fluoranthene	<0.033		0.033	0.0072	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Benzo[g,h,i]perylene	<0.033		0.033	0.011	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Benzo[k]fluoranthene	<0.033		0.033	0.0098	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.034	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.050	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.061	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Butyl benzyl phthalate	<0.17		0.17	0.063	mg/Kg		01/02/14 07:04	01/02/14 17:15	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218462/1-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	<0.17		0.17	0.086	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4-Chloroaniline	<0.67		0.67	0.16	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4-Chloro-3-methylphenol	<0.33		0.33	0.11	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2-Chloronaphthalene	<0.17		0.17	0.037	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2-Chlorophenol	<0.17		0.17	0.057	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.039	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Chrysene	<0.033		0.033	0.0091	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Dibenz(a,h)anthracene	<0.033		0.033	0.0064	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Dibenzofuran	<0.17		0.17	0.039	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
1,2-Dichlorobenzene	<0.17		0.17	0.040	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
1,3-Dichlorobenzene	<0.17		0.17	0.037	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
1,4-Dichlorobenzene	<0.17		0.17	0.043	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.047	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,4-Dichlorophenol	<0.33		0.33	0.079	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Diethyl phthalate	<0.17		0.17	0.056	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,4-Dimethylphenol	<0.33		0.33	0.13	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Dimethyl phthalate	<0.17		0.17	0.043	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Di-n-butyl phthalate	<0.17		0.17	0.051	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4,6-Dinitro-2-methylphenol	<0.33		0.33	0.27	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,4-Dinitrophenol	<0.67		0.67	0.59	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,4-Dinitrotoluene	<0.17		0.17	0.053	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,6-Dinitrotoluene	<0.17		0.17	0.065	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Di-n-octyl phthalate	<0.17		0.17	0.054	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Fluoranthene	<0.033		0.033	0.0062	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Fluorene	<0.033		0.033	0.0047	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Hexachlorobenzene	<0.067		0.067	0.0077	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Hexachlorobutadiene	<0.17		0.17	0.052	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Hexachlorocyclopentadiene	<0.67		0.67	0.19	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Hexachloroethane	<0.17		0.17	0.051	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.0086	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Isophorone	<0.17		0.17	0.037	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2-Methylnaphthalene	<0.033		0.033	0.0061	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2-Methylphenol	<0.17		0.17	0.053	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
3 & 4 Methylphenol	<0.17		0.17	0.055	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Naphthalene	<0.033		0.033	0.0051	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2-Nitroaniline	<0.17		0.17	0.045	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
3-Nitroaniline	<0.33		0.33	0.10	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4-Nitroaniline	<0.33		0.33	0.14	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Nitrobenzene	<0.033		0.033	0.0083	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2-Nitrophenol	<0.33		0.33	0.079	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
4-Nitrophenol	<0.67		0.67	0.32	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
N-Nitrosodi-n-propylamine	<0.17		0.17	0.041	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
N-Nitrosodiphenylamine	<0.17		0.17	0.039	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.039	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Pentachlorophenol	<0.67		0.67	0.53	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Phenanthrene	<0.033		0.033	0.0046	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Phenol	<0.17		0.17	0.074	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
Pyrene	<0.033		0.033	0.0066	mg/Kg		01/02/14 07:04	01/02/14 17:15	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218462/1-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.036	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,4,5-Trichlorophenol	<0.33		0.33	0.076	mg/Kg		01/02/14 07:04	01/02/14 17:15	1
2,4,6-Trichlorophenol	<0.33		0.33	0.11	mg/Kg		01/02/14 07:04	01/02/14 17:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*25 - 119*	*01/02/14 07:04*	*01/02/14 17:15*	*1*
2-Fluorophenol	*84*		*25 - 110*	*01/02/14 07:04*	*01/02/14 17:15*	*1*
Nitrobenzene-d5	*79*		*25 - 115*	*01/02/14 07:04*	*01/02/14 17:15*	*1*
Phenol-d5	*83*		*31 - 110*	*01/02/14 07:04*	*01/02/14 17:15*	*1*
Terphenyl-d14	*90*		*36 - 134*	*01/02/14 07:04*	*01/02/14 17:15*	*1*
2,4,6-Tribromophenol	*91*		*35 - 137*	*01/02/14 07:04*	*01/02/14 17:15*	*1*

Lab Sample ID: LCS 500-218462/2-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.33	1.01		mg/Kg		76	53 - 110
Acenaphthylene	1.33	0.990		mg/Kg		74	51 - 110
Anthracene	1.33	1.05		mg/Kg		79	52 - 110
Benzo[a]anthracene	1.33	1.00		mg/Kg		75	57 - 110
Benzo[a]pyrene	1.33	1.07		mg/Kg		80	56 - 110
Benzo[b]fluoranthene	1.33	1.05		mg/Kg		79	50 - 110
Benzo[g,h,i]perylene	1.33	1.18		mg/Kg		89	54 - 117
Benzo[k]fluoranthene	1.33	0.976		mg/Kg		73	43 - 121
Bis(2-chloroethoxy)methane	1.33	1.10		mg/Kg		82	56 - 110
Bis(2-chloroethyl)ether	1.33	1.06		mg/Kg		79	48 - 110
Bis(2-ethylhexyl) phthalate	1.33	1.11		mg/Kg		84	56 - 114
4-Bromophenyl phenyl ether	1.33	1.21		mg/Kg		90	58 - 111
Butyl benzyl phthalate	1.33	1.15		mg/Kg		86	60 - 120
Carbazole	1.33	1.13		mg/Kg		85	57 - 110
4-Chloroaniline	1.33	0.896		mg/Kg		67	25 - 110
4-Chloro-3-methylphenol	1.33	1.36		mg/Kg		102	54 - 111
2-Chloronaphthalene	1.33	1.08		mg/Kg		81	54 - 110
2-Chlorophenol	1.33	1.15		mg/Kg		86	53 - 110
4-Chlorophenyl phenyl ether	1.33	1.19		mg/Kg		89	57 - 110
Chrysene	1.33	1.02		mg/Kg		76	54 - 110
Dibenz(a,h)anthracene	1.33	1.16		mg/Kg		87	52 - 118
Dibenzofuran	1.33	1.20		mg/Kg		90	54 - 110
1,2-Dichlorobenzene	1.33	1.04		mg/Kg		78	55 - 110
1,3-Dichlorobenzene	1.33	0.972		mg/Kg		73	52 - 110
1,4-Dichlorobenzene	1.33	0.979		mg/Kg		73	52 - 110
3,3'-Dichlorobenzidine	1.33	0.933		mg/Kg		70	31 - 110
2,4-Dichlorophenol	1.33	1.22		mg/Kg		91	60 - 110
Diethyl phthalate	1.33	1.26		mg/Kg		95	58 - 112
2,4-Dimethylphenol	1.33	1.22		mg/Kg		92	52 - 110
Dimethyl phthalate	1.33	1.15		mg/Kg		87	60 - 110
Di-n-butyl phthalate	1.33	0.963		mg/Kg		72	56 - 117

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218462/2-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,6-Dinitro-2-methylphenol	2.67	1.81		mg/Kg		68	10 - 110
2,4-Dinitrophenol	2.67	1.47		mg/Kg		55	10 - 110
2,4-Dinitrotoluene	1.33	1.36		mg/Kg		102	57 - 116
2,6-Dinitrotoluene	1.33	1.29		mg/Kg		96	60 - 110
Di-n-octyl phthalate	1.33	1.14		mg/Kg		85	49 - 121
Fluoranthene	1.33	1.16		mg/Kg		87	55 - 113
Fluorene	1.33	1.10		mg/Kg		83	52 - 112
Hexachlorobenzene	1.33	1.17		mg/Kg		87	54 - 114
Hexachlorobutadiene	1.33	1.17		mg/Kg		88	53 - 110
Hexachlorocyclopentadiene	1.33	0.651	J	mg/Kg		49	10 - 112
Hexachloroethane	1.33	1.02		mg/Kg		76	51 - 110
Indeno[1,2,3-cd]pyrene	1.33	1.16		mg/Kg		87	53 - 116
Isophorone	1.33	0.983		mg/Kg		74	49 - 110
2-Methylnaphthalene	1.33	1.13		mg/Kg		85	51 - 110
2-Methylphenol	1.33	1.12		mg/Kg		84	48 - 110
3 & 4 Methylphenol	1.33	1.12		mg/Kg		84	44 - 121
Naphthalene	1.33	1.03		mg/Kg		78	48 - 110
2-Nitroaniline	1.33	1.20		mg/Kg		90	53 - 126
3-Nitroaniline	1.33	1.05		mg/Kg		78	36 - 110
4-Nitroaniline	1.33	1.11		mg/Kg		83	44 - 124
Nitrobenzene	1.33	1.07		mg/Kg		80	52 - 110
2-Nitrophenol	1.33	1.22		mg/Kg		92	54 - 112
4-Nitrophenol	2.67	2.24		mg/Kg		84	39 - 125
N-Nitrosodi-n-propylamine	1.33	1.02		mg/Kg		77	40 - 121
N-Nitrosodiphenylamine	1.33	1.11		mg/Kg		83	58 - 110
2,2'-oxybis[1-chloropropane]	1.33	0.934		mg/Kg		70	36 - 110
Pentachlorophenol	2.67	2.44		mg/Kg		91	20 - 117
Phenanthrene	1.33	1.12		mg/Kg		84	51 - 116
Phenol	1.33	1.13		mg/Kg		85	49 - 110
Pyrene	1.33	1.03		mg/Kg		77	50 - 112
1,2,4-Trichlorobenzene	1.33	1.13		mg/Kg		85	57 - 110
2,4,5-Trichlorophenol	1.33	1.33		mg/Kg		100	57 - 113
2,4,6-Trichlorophenol	1.33	1.23		mg/Kg		92	55 - 112

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*84*		*25 - 119*
2-Fluorophenol	*87*		*25 - 110*
Nitrobenzene-d5	*86*		*25 - 115*
Phenol-d5	*88*		*31 - 110*
Terphenyl-d14	*89*		*36 - 134*
2,4,6-Tribromophenol	*93*		*35 - 137*

Lab Sample ID: 500-69043-26 MS
Matrix: Solid
Analysis Batch: 218873

Client Sample ID: GP-04A-131220
Prep Type: Total/NA
Prep Batch: 218462

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	<0.037		1.52	1.01		mg/Kg	☼	66	53 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-26 MS | **Client Sample ID: GP-04A-131220**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 218873 | **Prep Batch: 218462**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	<0.037		1.52	0.928		mg/Kg	☼	61	51 - 110
Anthracene	<0.037		1.52	1.09		mg/Kg	☼	72	52 - 110
Benzo[a]anthracene	<0.037		1.52	1.20		mg/Kg	☼	79	57 - 110
Benzo[a]pyrene	<0.037		1.52	1.17		mg/Kg	☼	77	56 - 110
Benzo[b]fluoranthene	<0.037		1.52	1.06		mg/Kg	☼	70	50 - 110
Benzo[g,h,i]perylene	<0.037		1.52	0.866		mg/Kg	☼	57	54 - 117
Benzo[k]fluoranthene	<0.037		1.52	1.08		mg/Kg	☼	71	43 - 121
Bis(2-chloroethoxy)methane	<0.19		1.52	0.998		mg/Kg	☼	66	56 - 110
Bis(2-chloroethyl)ether	<0.19		1.52	0.976		mg/Kg	☼	64	48 - 110
Bis(2-ethylhexyl) phthalate	<0.19		1.52	1.37		mg/Kg	☼	90	56 - 114
4-Bromophenyl phenyl ether	<0.19		1.52	1.01		mg/Kg	☼	66	58 - 111
Butyl benzyl phthalate	<0.19		1.52	1.30		mg/Kg	☼	86	60 - 120
Carbazole	<0.19		1.52	1.22		mg/Kg	☼	80	57 - 110
4-Chloroaniline	<0.76		1.52	0.718	J	mg/Kg	☼	47	25 - 110
4-Chloro-3-methylphenol	<0.37		1.52	1.07		mg/Kg	☼	71	54 - 111
2-Chloronaphthalene	<0.19		1.52	1.00		mg/Kg	☼	66	54 - 110
2-Chlorophenol	<0.19		1.52	0.980		mg/Kg	☼	65	53 - 110
4-Chlorophenyl phenyl ether	<0.19		1.52	0.972		mg/Kg	☼	64	57 - 110
Chrysene	<0.037		1.52	1.20		mg/Kg	☼	79	54 - 110
Dibenz(a,h)anthracene	<0.037		1.52	0.984		mg/Kg	☼	65	52 - 118
Dibenzofuran	<0.19		1.52	0.990		mg/Kg	☼	65	54 - 110
1,2-Dichlorobenzene	<0.19		1.52	0.868		mg/Kg	☼	57	55 - 110
1,3-Dichlorobenzene	<0.19		1.52	0.791		mg/Kg	☼	52	52 - 110
1,4-Dichlorobenzene	<0.19		1.52	0.809		mg/Kg	☼	53	52 - 110
3,3'-Dichlorobenzidine	<0.19		1.52	1.08		mg/Kg	☼	71	31 - 110
2,4-Dichlorophenol	<0.37		1.52	1.06		mg/Kg	☼	70	60 - 110
Diethyl phthalate	<0.19		1.52	1.22		mg/Kg	☼	80	58 - 112
2,4-Dimethylphenol	<0.37		1.52	1.19		mg/Kg	☼	78	52 - 110
Dimethyl phthalate	<0.19		1.52	1.08		mg/Kg	☼	71	60 - 110
Di-n-butyl phthalate	<0.19		1.52	1.13		mg/Kg	☼	75	56 - 117
4,6-Dinitro-2-methylphenol	<0.37		3.03	1.85		mg/Kg	☼	61	10 - 110
2,4-Dinitrophenol	<0.76		3.03	1.29		mg/Kg	☼	43	10 - 110
2,4-Dinitrotoluene	<0.19		1.52	1.18		mg/Kg	☼	78	57 - 116
2,6-Dinitrotoluene	<0.19		1.52	1.10		mg/Kg	☼	72	60 - 110
Di-n-octyl phthalate	<0.19		1.52	1.47		mg/Kg	☼	97	49 - 121
Fluoranthene	<0.037		1.52	1.12		mg/Kg	☼	74	55 - 113
Fluorene	<0.037		1.52	1.09		mg/Kg	☼	72	52 - 112
Hexachlorobenzene	<0.076		1.52	0.852		mg/Kg	☼	56	54 - 114
Hexachlorobutadiene	<0.19		1.52	0.838		mg/Kg	☼	55	53 - 110
Hexachlorocyclopentadiene	<0.76		1.52	<0.76	F1	mg/Kg	☼	0	10 - 112
Hexachloroethane	<0.19		1.52	0.805		mg/Kg	☼	53	51 - 110
Indeno[1,2,3-cd]pyrene	<0.037		1.52	0.881		mg/Kg	☼	58	53 - 116
Isophorone	<0.19		1.52	0.912		mg/Kg	☼	60	49 - 110
2-Methylnaphthalene	<0.037		1.52	0.872		mg/Kg	☼	57	51 - 110
2-Methylphenol	<0.19		1.52	0.990		mg/Kg	☼	65	48 - 110
3 & 4 Methylphenol	<0.19		1.52	1.05		mg/Kg	☼	69	44 - 121
Naphthalene	<0.037		1.52	0.948		mg/Kg	☼	62	48 - 110
2-Nitroaniline	<0.19		1.52	1.30		mg/Kg	☼	86	53 - 126

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-26 MS — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218873 — **Prep Batch: 218462**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	<0.37		1.52	1.13		mg/Kg	☼	75	36 - 110
4-Nitroaniline	<0.37		1.52	1.34		mg/Kg	☼	88	44 - 124
Nitrobenzene	<0.037		1.52	0.983		mg/Kg	☼	65	52 - 110
2-Nitrophenol	<0.37		1.52	1.11		mg/Kg	☼	73	54 - 112
4-Nitrophenol	<0.76		3.03	1.84		mg/Kg	☼	61	39 - 125
N-Nitrosodi-n-propylamine	<0.19		1.52	1.02		mg/Kg	☼	68	40 - 121
N-Nitrosodiphenylamine	<0.19		1.52	1.14		mg/Kg	☼	75	58 - 110
2,2'-oxybis[1-chloropropane]	<0.19		1.52	1.11		mg/Kg	☼	73	36 - 110
Pentachlorophenol	<0.76		3.03	0.925		mg/Kg	☼	31	20 - 117
Phenanthrene	0.0082	J	1.52	1.10		mg/Kg	☼	72	51 - 116
Phenol	<0.19		1.52	1.18		mg/Kg	☼	78	49 - 110
Pyrene	<0.037		1.52	1.14		mg/Kg	☼	75	50 - 112
1,2,4-Trichlorobenzene	<0.19		1.52	0.842	F1	mg/Kg	☼	56	57 - 110
2,4,5-Trichlorophenol	<0.37		1.52	0.911		mg/Kg	☼	60	57 - 113
2,4,6-Trichlorophenol	<0.37		1.52	0.985		mg/Kg	☼	65	55 - 112

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*25 - 119*
2-Fluorophenol	*69*		*25 - 110*
Nitrobenzene-d5	*68*		*25 - 115*
Phenol-d5	*67*		*31 - 110*
Terphenyl-d14	*70*		*36 - 134*
2,4,6-Tribromophenol	*51*		*35 - 137*

Lab Sample ID: 500-69043-26 MSD — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218873 — **Prep Batch: 218462**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	<0.037		1.47	1.14		mg/Kg	☼	78	53 - 110	13	30
Acenaphthylene	<0.037		1.47	1.01		mg/Kg	☼	69	51 - 110	8	30
Anthracene	<0.037		1.47	1.18		mg/Kg	☼	81	52 - 110	8	30
Benzo[a]anthracene	<0.037		1.47	1.26		mg/Kg	☼	86	57 - 110	4	30
Benzo[a]pyrene	<0.037		1.47	1.24		mg/Kg	☼	85	56 - 110	6	30
Benzo[b]fluoranthene	<0.037		1.47	1.08		mg/Kg	☼	74	50 - 110	2	30
Benzo[g,h,i]perylene	<0.037		1.47	0.951		mg/Kg	☼	65	54 - 117	9	30
Benzo[k]fluoranthene	<0.037		1.47	1.16		mg/Kg	☼	79	43 - 121	7	30
Bis(2-chloroethoxy)methane	<0.19		1.47	1.11		mg/Kg	☼	75	56 - 110	10	30
Bis(2-chloroethyl)ether	<0.19		1.47	1.13		mg/Kg	☼	77	48 - 110	15	30
Bis(2-ethylhexyl) phthalate	<0.19		1.47	1.41		mg/Kg	☼	96	56 - 114	3	30
4-Bromophenyl phenyl ether	<0.19		1.47	1.11		mg/Kg	☼	76	58 - 111	10	30
Butyl benzyl phthalate	<0.19		1.47	1.33		mg/Kg	☼	90	60 - 120	2	30
Carbazole	<0.19		1.47	1.27		mg/Kg	☼	87	57 - 110	5	30
4-Chloroaniline	<0.76		1.47	0.776		mg/Kg	☼	53	25 - 110	8	30
4-Chloro-3-methylphenol	<0.37		1.47	1.24		mg/Kg	☼	85	54 - 111	15	30
2-Chloronaphthalene	<0.19		1.47	1.10		mg/Kg	☼	75	54 - 110	9	30
2-Chlorophenol	<0.19		1.47	1.10		mg/Kg	☼	75	53 - 110	11	30
4-Chlorophenyl phenyl ether	<0.19		1.47	1.10		mg/Kg	☼	75	57 - 110	12	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-26 MSD — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218873 — **Prep Batch: 218462**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chrysene	<0.037		1.47	1.25		mg/Kg	☼	85	54 - 110	4	30
Dibenz(a,h)anthracene	<0.037		1.47	1.07		mg/Kg	☼	73	52 - 118	8	30
Dibenzofuran	<0.19		1.47	1.08		mg/Kg	☼	74	54 - 110	9	30
1,2-Dichlorobenzene	<0.19		1.47	0.998		mg/Kg	☼	68	55 - 110	14	30
1,3-Dichlorobenzene	<0.19		1.47	0.917		mg/Kg	☼	63	52 - 110	15	30
1,4-Dichlorobenzene	<0.19		1.47	0.916		mg/Kg	☼	62	52 - 110	12	30
3,3'-Dichlorobenzidine	<0.19		1.47	1.19		mg/Kg	☼	81	31 - 110	10	30
2,4-Dichlorophenol	<0.37		1.47	1.18		mg/Kg	☼	80	60 - 110	10	30
Diethyl phthalate	<0.19		1.47	1.31		mg/Kg	☼	89	58 - 112	7	30
2,4-Dimethylphenol	<0.37		1.47	1.39		mg/Kg	☼	95	52 - 110	16	30
Dimethyl phthalate	<0.19		1.47	1.21		mg/Kg	☼	83	60 - 110	12	30
Di-n-butyl phthalate	<0.19		1.47	1.21		mg/Kg	☼	82	56 - 117	6	30
4,6-Dinitro-2-methylphenol	<0.37		2.93	2.19		mg/Kg	☼	75	10 - 110	17	30
2,4-Dinitrophenol	<0.76		2.93	2.21	F2	mg/Kg	☼	75	10 - 110	52	30
2,4-Dinitrotoluene	<0.19		1.47	1.24		mg/Kg	☼	84	57 - 116	5	30
2,6-Dinitrotoluene	<0.19		1.47	1.18		mg/Kg	☼	80	60 - 110	7	30
Di-n-octyl phthalate	<0.19		1.47	1.73		mg/Kg	☼	118	49 - 121	16	30
Fluoranthene	<0.037		1.47	1.19		mg/Kg	☼	81	55 - 113	6	30
Fluorene	<0.037		1.47	1.25		mg/Kg	☼	85	52 - 112	13	30
Hexachlorobenzene	<0.076		1.47	0.934		mg/Kg	☼	64	54 - 114	9	30
Hexachlorobutadiene	<0.19		1.47	0.925		mg/Kg	☼	63	53 - 110	10	30
Hexachlorocyclopentadiene	<0.76		1.47	<0.74	F1	mg/Kg	☼	0	10 - 112	NC	30
Hexachloroethane	<0.19		1.47	0.927		mg/Kg	☼	63	51 - 110	14	30
Indeno[1,2,3-cd]pyrene	<0.037		1.47	0.977		mg/Kg	☼	67	53 - 116	10	30
Isophorone	<0.19		1.47	1.02		mg/Kg	☼	69	49 - 110	11	30
2-Methylnaphthalene	<0.037		1.47	0.959		mg/Kg	☼	65	51 - 110	10	30
2-Methylphenol	<0.19		1.47	1.14		mg/Kg	☼	78	48 - 110	14	30
3 & 4 Methylphenol	<0.19		1.47	1.15		mg/Kg	☼	78	44 - 121	9	30
Naphthalene	<0.037		1.47	1.03		mg/Kg	☼	70	48 - 110	8	30
2-Nitroaniline	<0.19		1.47	1.45		mg/Kg	☼	99	53 - 126	11	30
3-Nitroaniline	<0.37		1.47	1.18		mg/Kg	☼	80	36 - 110	4	30
4-Nitroaniline	<0.37		1.47	1.33		mg/Kg	☼	91	44 - 124	0	30
Nitrobenzene	<0.037		1.47	1.15		mg/Kg	☼	78	52 - 110	16	30
2-Nitrophenol	<0.37		1.47	1.22		mg/Kg	☼	83	54 - 112	9	30
4-Nitrophenol	<0.76		2.93	1.76		mg/Kg	☼	60	39 - 125	4	30
N-Nitrosodi-n-propylamine	<0.19		1.47	1.11		mg/Kg	☼	76	40 - 121	8	30
N-Nitrosodiphenylamine	<0.19		1.47	1.26		mg/Kg	☼	86	58 - 110	10	30
2,2'-oxybis[1-chloropropane]	<0.19		1.47	1.25		mg/Kg	☼	85	36 - 110	12	30
Pentachlorophenol	<0.76		2.93	1.30		mg/Kg	☼	44	20 - 117	NC	30
Phenanthrene	0.0082	J	1.47	1.14		mg/Kg	☼	77	51 - 116	3	30
Phenol	<0.19		1.47	1.27		mg/Kg	☼	87	49 - 110	7	30
Pyrene	<0.037		1.47	1.17		mg/Kg	☼	79	50 - 112	3	30
1,2,4-Trichlorobenzene	<0.19		1.47	0.949		mg/Kg	☼	65	57 - 110	12	30
2,4,5-Trichlorophenol	<0.37		1.47	1.49	F2	mg/Kg	☼	102	57 - 113	48	30
2,4,6-Trichlorophenol	<0.37		1.47	1.02		mg/Kg	☼	70	55 - 112	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*25 - 119*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-26 MSD
Matrix: Solid
Analysis Batch: 218873

Client Sample ID: GP-04A-131220
Prep Type: Total/NA
Prep Batch: 218462

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorophenol	*77*		*25 - 110*
Nitrobenzene-d5	*79*		*25 - 115*
Phenol-d5	*77*		*31 - 110*
Terphenyl-d14	*75*		*36 - 134*
2,4,6-Tribromophenol	*69*		*35 - 137*

Lab Sample ID: MB 500-218463/1-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218463

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0060	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Acenaphthylene	<0.033		0.033	0.0044	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Anthracene	<0.033		0.033	0.0056	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Benzo[a]anthracene	<0.033		0.033	0.0045	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Benzo[a]pyrene	<0.033		0.033	0.0064	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Benzo[b]fluoranthene	<0.033		0.033	0.0072	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Benzo[g,h,i]perylene	<0.033		0.033	0.011	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Benzo[k]fluoranthene	<0.033		0.033	0.0098	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.034	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.050	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.061	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Butyl benzyl phthalate	<0.17		0.17	0.063	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Carbazole	<0.17		0.17	0.086	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4-Chloroaniline	<0.67		0.67	0.16	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4-Chloro-3-methylphenol	<0.33		0.33	0.11	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2-Chloronaphthalene	<0.17		0.17	0.037	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2-Chlorophenol	<0.17		0.17	0.057	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.039	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Chrysene	<0.033		0.033	0.0091	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Dibenz(a,h)anthracene	<0.033		0.033	0.0064	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Dibenzofuran	<0.17		0.17	0.039	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
1,2-Dichlorobenzene	<0.17		0.17	0.040	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
1,3-Dichlorobenzene	<0.17		0.17	0.037	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
1,4-Dichlorobenzene	<0.17		0.17	0.043	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.047	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,4-Dichlorophenol	<0.33		0.33	0.079	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Diethyl phthalate	<0.17		0.17	0.056	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,4-Dimethylphenol	<0.33		0.33	0.13	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Dimethyl phthalate	<0.17		0.17	0.043	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Di-n-butyl phthalate	<0.17		0.17	0.051	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4,6-Dinitro-2-methylphenol	<0.33		0.33	0.27	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,4-Dinitrophenol	<0.67		0.67	0.59	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,4-Dinitrotoluene	<0.17		0.17	0.053	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,6-Dinitrotoluene	<0.17		0.17	0.065	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Di-n-octyl phthalate	<0.17		0.17	0.054	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Fluoranthene	<0.033		0.033	0.0062	mg/Kg		01/02/14 07:08	01/02/14 17:40	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-218463/1-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218463

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.033		0.033	0.0047	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Hexachlorobenzene	<0.067		0.067	0.0077	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Hexachlorobutadiene	<0.17		0.17	0.052	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Hexachlorocyclopentadiene	<0.67		0.67	0.19	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Hexachloroethane	<0.17		0.17	0.051	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.0086	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Isophorone	<0.17		0.17	0.037	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2-Methylnaphthalene	<0.033		0.033	0.0061	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2-Methylphenol	<0.17		0.17	0.053	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
3 & 4 Methylphenol	<0.17		0.17	0.055	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Naphthalene	<0.033		0.033	0.0051	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2-Nitroaniline	<0.17		0.17	0.045	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
3-Nitroaniline	<0.33		0.33	0.10	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4-Nitroaniline	<0.33		0.33	0.14	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Nitrobenzene	<0.033		0.033	0.0083	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2-Nitrophenol	<0.33		0.33	0.079	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
4-Nitrophenol	<0.67		0.67	0.32	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
N-Nitrosodi-n-propylamine	<0.17		0.17	0.041	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
N-Nitrosodiphenylamine	<0.17		0.17	0.039	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.039	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Pentachlorophenol	<0.67		0.67	0.53	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Phenanthrene	<0.033		0.033	0.0046	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Phenol	<0.17		0.17	0.074	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
Pyrene	<0.033		0.033	0.0066	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.036	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,4,5-Trichlorophenol	<0.33		0.33	0.076	mg/Kg		01/02/14 07:08	01/02/14 17:40	1
2,4,6-Trichlorophenol	<0.33		0.33	0.11	mg/Kg		01/02/14 07:08	01/02/14 17:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*25 - 119*	*01/02/14 07:08*	*01/02/14 17:40*	*1*
2-Fluorophenol	*72*		*25 - 110*	*01/02/14 07:08*	*01/02/14 17:40*	*1*
Nitrobenzene-d5	*77*		*25 - 115*	*01/02/14 07:08*	*01/02/14 17:40*	*1*
Phenol-d5	*76*		*31 - 110*	*01/02/14 07:08*	*01/02/14 17:40*	*1*
Terphenyl-d14	*102*		*36 - 134*	*01/02/14 07:08*	*01/02/14 17:40*	*1*
2,4,6-Tribromophenol	*86*		*35 - 137*	*01/02/14 07:08*	*01/02/14 17:40*	*1*

Lab Sample ID: LCS 500-218463/2-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.33	0.983		mg/Kg		74	53 - 110
Acenaphthylene	1.33	1.01		mg/Kg		76	51 - 110
Anthracene	1.33	1.11		mg/Kg		84	52 - 110
Benzo[a]anthracene	1.33	1.05		mg/Kg		79	57 - 110
Benzo[a]pyrene	1.33	1.11		mg/Kg		84	56 - 110
Benzo[b]fluoranthene	1.33	1.13		mg/Kg		85	50 - 110
Benzo[g,h,i]perylene	1.33	1.12		mg/Kg		84	54 - 117

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218463/2-A
Matrix: Solid
Analysis Batch: 218566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[k]fluoranthene	1.33	1.08		mg/Kg		81	43 - 121
Bis(2-chloroethoxy)methane	1.33	1.13		mg/Kg		85	56 - 110
Bis(2-chloroethyl)ether	1.33	0.949		mg/Kg		71	48 - 110
Bis(2-ethylhexyl) phthalate	1.33	1.23		mg/Kg		92	56 - 114
4-Bromophenyl phenyl ether	1.33	1.23		mg/Kg		93	58 - 111
Butyl benzyl phthalate	1.33	1.29		mg/Kg		97	60 - 120
Carbazole	1.33	1.17		mg/Kg		88	57 - 110
4-Chloroaniline	1.33	0.949		mg/Kg		71	25 - 110
4-Chloro-3-methylphenol	1.33	1.32		mg/Kg		99	54 - 111
2-Chloronaphthalene	1.33	1.06		mg/Kg		79	54 - 110
2-Chlorophenol	1.33	1.09		mg/Kg		82	53 - 110
4-Chlorophenyl phenyl ether	1.33	1.23		mg/Kg		93	57 - 110
Chrysene	1.33	1.12		mg/Kg		84	54 - 110
Dibenz(a,h)anthracene	1.33	1.05		mg/Kg		79	52 - 118
Dibenzofuran	1.33	1.20		mg/Kg		90	54 - 110
1,2-Dichlorobenzene	1.33	1.12		mg/Kg		84	55 - 110
1,3-Dichlorobenzene	1.33	1.03		mg/Kg		77	52 - 110
1,4-Dichlorobenzene	1.33	1.05		mg/Kg		78	52 - 110
3,3'-Dichlorobenzidine	1.33	1.05		mg/Kg		79	31 - 110
2,4-Dichlorophenol	1.33	1.26		mg/Kg		94	60 - 110
Diethyl phthalate	1.33	1.27		mg/Kg		95	58 - 112
2,4-Dimethylphenol	1.33	1.16		mg/Kg		87	52 - 110
Dimethyl phthalate	1.33	1.13		mg/Kg		85	60 - 110
Di-n-butyl phthalate	1.33	1.08		mg/Kg		81	56 - 117
4,6-Dinitro-2-methylphenol	2.67	0.825		mg/Kg		31	10 - 110
2,4-Dinitrophenol	2.67	<0.67		mg/Kg		13	10 - 110
2,4-Dinitrotoluene	1.33	1.33		mg/Kg		100	57 - 116
2,6-Dinitrotoluene	1.33	1.29		mg/Kg		97	60 - 110
Di-n-octyl phthalate	1.33	1.12		mg/Kg		84	49 - 121
Fluoranthene	1.33	1.25		mg/Kg		94	55 - 113
Fluorene	1.33	1.14		mg/Kg		86	52 - 112
Hexachlorobenzene	1.33	1.16		mg/Kg		87	54 - 114
Hexachlorobutadiene	1.33	1.14		mg/Kg		85	53 - 110
Hexachlorocyclopentadiene	1.33	0.848		mg/Kg		64	10 - 112
Hexachloroethane	1.33	1.09		mg/Kg		81	51 - 110
Indeno[1,2,3-cd]pyrene	1.33	1.09		mg/Kg		81	53 - 116
Isophorone	1.33	1.07		mg/Kg		80	49 - 110
2-Methylnaphthalene	1.33	1.09		mg/Kg		82	51 - 110
2-Methylphenol	1.33	1.22		mg/Kg		92	48 - 110
3 & 4 Methylphenol	1.33	1.28		mg/Kg		96	44 - 121
Naphthalene	1.33	1.09		mg/Kg		82	48 - 110
2-Nitroaniline	1.33	1.19		mg/Kg		90	53 - 126
3-Nitroaniline	1.33	1.12		mg/Kg		84	36 - 110
4-Nitroaniline	1.33	0.988		mg/Kg		74	44 - 124
Nitrobenzene	1.33	0.911		mg/Kg		68	52 - 110
2-Nitrophenol	1.33	1.21		mg/Kg		90	54 - 112
4-Nitrophenol	2.67	2.30		mg/Kg		86	39 - 125
N-Nitrosodi-n-propylamine	1.33	1.18		mg/Kg		89	40 - 121

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-218463/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218566 — **Prep Batch: 218463**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodiphenylamine	1.33	1.15		mg/Kg		86	58 - 110
2,2'-oxybis[1-chloropropane]	1.33	0.996		mg/Kg		75	36 - 110
Pentachlorophenol	2.67	1.99		mg/Kg		74	20 - 117
Phenanthrene	1.33	1.11		mg/Kg		83	51 - 116
Phenol	1.33	1.16		mg/Kg		87	49 - 110
Pyrene	1.33	1.20		mg/Kg		90	50 - 112
1,2,4-Trichlorobenzene	1.33	1.11		mg/Kg		83	57 - 110
2,4,5-Trichlorophenol	1.33	1.25		mg/Kg		93	57 - 113
2,4,6-Trichlorophenol	1.33	1.19		mg/Kg		89	55 - 112

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*81*		*25 - 119*
2-Fluorophenol	*65*		*25 - 110*
Nitrobenzene-d5	*72*		*25 - 115*
Phenol-d5	*89*		*31 - 110*
Terphenyl-d14	*98*		*36 - 134*
2,4,6-Tribromophenol	*99*		*35 - 137*

Lab Sample ID: 500-69043-11 MS — **Client Sample ID: GP-06A-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218651 — **Prep Batch: 218463**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	<0.034		1.34	1.10		mg/Kg	☼	82	53 - 110
Acenaphthylene	<0.034		1.34	1.08		mg/Kg	☼	80	51 - 110
Anthracene	<0.034		1.34	1.27		mg/Kg	☼	95	52 - 110
Benzo[a]anthracene	<0.034		1.34	1.14		mg/Kg	☼	85	57 - 110
Benzo[a]pyrene	<0.034		1.34	1.09		mg/Kg	☼	81	56 - 110
Benzo[b]fluoranthene	<0.034		1.34	1.15		mg/Kg	☼	85	50 - 110
Benzo[g,h,i]perylene	<0.034		1.34	1.15		mg/Kg	☼	85	54 - 117
Benzo[k]fluoranthene	<0.034		1.34	1.10		mg/Kg	☼	82	43 - 121
Bis(2-chloroethoxy)methane	<0.17		1.34	1.11		mg/Kg	☼	83	56 - 110
Bis(2-chloroethyl)ether	<0.17		1.34	1.08		mg/Kg	☼	80	48 - 110
Bis(2-ethylhexyl) phthalate	<0.17		1.34	1.22		mg/Kg	☼	91	56 - 114
4-Bromophenyl phenyl ether	<0.17		1.34	1.19		mg/Kg	☼	89	58 - 111
Butyl benzyl phthalate	<0.17		1.34	1.21		mg/Kg	☼	90	60 - 120
Carbazole	<0.17		1.34	1.29		mg/Kg	☼	96	57 - 110
4-Chloroaniline	<0.68		1.34	0.913		mg/Kg	☼	68	25 - 110
4-Chloro-3-methylphenol	<0.34		1.34	1.28		mg/Kg	☼	95	54 - 111
2-Chloronaphthalene	<0.17		1.34	1.20		mg/Kg	☼	89	54 - 110
2-Chlorophenol	<0.17		1.34	1.12		mg/Kg	☼	83	53 - 110
4-Chlorophenyl phenyl ether	<0.17		1.34	1.19		mg/Kg	☼	89	57 - 110
Chrysene	<0.034		1.34	1.16		mg/Kg	☼	86	54 - 110
Dibenz(a,h)anthracene	<0.034		1.34	1.13		mg/Kg	☼	84	52 - 118
Dibenzofuran	<0.17		1.34	1.28		mg/Kg	☼	96	54 - 110
1,2-Dichlorobenzene	<0.17		1.34	1.02		mg/Kg	☼	76	55 - 110
1,3-Dichlorobenzene	<0.17		1.34	0.913		mg/Kg	☼	68	52 - 110
1,4-Dichlorobenzene	<0.17		1.34	0.930		mg/Kg	☼	69	52 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-11 MS | **Client Sample ID: GP-06A-131219**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 218651 | **Prep Batch: 218463**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
3,3'-Dichlorobenzidine	<0.17		1.34	1.12		mg/Kg	☼	84	31 - 110
2,4-Dichlorophenol	<0.34		1.34	1.27		mg/Kg	☼	94	60 - 110
Diethyl phthalate	<0.17		1.34	1.35		mg/Kg	☼	100	58 - 112
2,4-Dimethylphenol	<0.34		1.34	1.29		mg/Kg	☼	96	52 - 110
Dimethyl phthalate	<0.17		1.34	1.13		mg/Kg	☼	84	60 - 110
Di-n-butyl phthalate	<0.17		1.34	1.24		mg/Kg	☼	93	56 - 117
4,6-Dinitro-2-methylphenol	<0.34		2.68	0.330		mg/Kg	☼	12	10 - 110
2,4-Dinitrophenol	<0.68		2.68	<0.67	F1	mg/Kg	☼	0	10 - 110
2,4-Dinitrotoluene	<0.17		1.34	1.16		mg/Kg	☼	86	57 - 116
2,6-Dinitrotoluene	<0.17		1.34	1.12		mg/Kg	☼	83	60 - 110
Di-n-octyl phthalate	<0.17		1.34	1.12		mg/Kg	☼	84	49 - 121
Fluoranthene	<0.034		1.34	1.12		mg/Kg	☼	84	55 - 113
Fluorene	<0.034		1.34	1.21		mg/Kg	☼	90	52 - 112
Hexachlorobenzene	<0.068		1.34	1.11		mg/Kg	☼	83	54 - 114
Hexachlorobutadiene	<0.17		1.34	1.14		mg/Kg	☼	85	53 - 110
Hexachlorocyclopentadiene	<0.68		1.34	<0.67	F1	mg/Kg	☼	0	10 - 112
Hexachloroethane	<0.17		1.34	0.878		mg/Kg	☼	65	51 - 110
Indeno[1,2,3-cd]pyrene	<0.034		1.34	1.09		mg/Kg	☼	81	53 - 116
Isophorone	<0.17		1.34	1.01		mg/Kg	☼	76	49 - 110
2-Methylnaphthalene	<0.034		1.34	1.06		mg/Kg	☼	79	51 - 110
2-Methylphenol	<0.17		1.34	1.17		mg/Kg	☼	87	48 - 110
3 & 4 Methylphenol	<0.17		1.34	1.15		mg/Kg	☼	86	44 - 121
Naphthalene	<0.034		1.34	1.13		mg/Kg	☼	84	48 - 110
2-Nitroaniline	<0.17		1.34	1.19		mg/Kg	☼	88	53 - 126
3-Nitroaniline	<0.34		1.34	1.13		mg/Kg	☼	84	36 - 110
4-Nitroaniline	<0.34		1.34	1.28		mg/Kg	☼	95	44 - 124
Nitrobenzene	<0.034		1.34	1.06		mg/Kg	☼	79	52 - 110
2-Nitrophenol	<0.34		1.34	1.11		mg/Kg	☼	83	54 - 112
4-Nitrophenol	<0.68		2.68	2.59		mg/Kg	☼	96	39 - 125
N-Nitrosodi-n-propylamine	<0.17		1.34	0.956		mg/Kg	☼	71	40 - 121
N-Nitrosodiphenylamine	<0.17		1.34	1.27		mg/Kg	☼	94	58 - 110
2,2'-oxybis[1-chloropropane]	<0.17		1.34	0.783		mg/Kg	☼	58	36 - 110
Pentachlorophenol	<0.68		2.68	2.27		mg/Kg	☼	85	20 - 117
Phenanthrene	<0.034		1.34	1.31		mg/Kg	☼	97	51 - 116
Phenol	<0.17		1.34	1.26		mg/Kg	☼	94	49 - 110
Pyrene	<0.034		1.34	1.24		mg/Kg	☼	92	50 - 112
1,2,4-Trichlorobenzene	<0.17		1.34	1.09		mg/Kg	☼	81	57 - 110
2,4,5-Trichlorophenol	<0.34		1.34	1.38		mg/Kg	☼	103	57 - 113
2,4,6-Trichlorophenol	<0.34		1.34	1.16		mg/Kg	☼	87	55 - 112

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*80*		*25 - 119*
2-Fluorophenol	*80*		*25 - 110*
Nitrobenzene-d5	*79*		*25 - 115*
Phenol-d5	*84*		*31 - 110*
Terphenyl-d14	*101*		*36 - 134*
2,4,6-Tribromophenol	*101*		*35 - 137*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-11 MSD | **Client Sample ID: GP-06A-131219**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 218651 | **Prep Batch: 218463**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	<0.034		1.38	1.08		mg/Kg	☼	79	53 - 110	1	30
Acenaphthylene	<0.034		1.38	1.08		mg/Kg	☼	78	51 - 110	0	30
Anthracene	<0.034		1.38	1.22		mg/Kg	☼	88	52 - 110	4	30
Benzo[a]anthracene	<0.034		1.38	1.14		mg/Kg	☼	83	57 - 110	0	30
Benzo[a]pyrene	<0.034		1.38	1.06		mg/Kg	☼	77	56 - 110	3	30
Benzo[b]fluoranthene	<0.034		1.38	1.09		mg/Kg	☼	80	50 - 110	5	30
Benzo[g,h,i]perylene	<0.034		1.38	1.12		mg/Kg	☼	82	54 - 117	2	30
Benzo[k]fluoranthene	<0.034		1.38	1.19		mg/Kg	☼	86	43 - 121	8	30
Bis(2-chloroethoxy)methane	<0.17		1.38	1.11		mg/Kg	☼	81	56 - 110	0	30
Bis(2-chloroethyl)ether	<0.17		1.38	1.08		mg/Kg	☼	79	48 - 110	1	30
Bis(2-ethylhexyl) phthalate	<0.17		1.38	1.30		mg/Kg	☼	94	56 - 114	6	30
4-Bromophenyl phenyl ether	<0.17		1.38	1.18		mg/Kg	☼	86	58 - 111	1	30
Butyl benzyl phthalate	<0.17		1.38	1.27		mg/Kg	☼	92	60 - 120	5	30
Carbazole	<0.17		1.38	1.26		mg/Kg	☼	92	57 - 110	2	30
4-Chloroaniline	<0.68		1.38	0.946		mg/Kg	☼	69	25 - 110	4	30
4-Chloro-3-methylphenol	<0.34		1.38	1.28		mg/Kg	☼	93	54 - 111	0	30
2-Chloronaphthalene	<0.17		1.38	1.20		mg/Kg	☼	87	54 - 110	0	30
2-Chlorophenol	<0.17		1.38	1.12		mg/Kg	☼	81	53 - 110	0	30
4-Chlorophenyl phenyl ether	<0.17		1.38	1.22		mg/Kg	☼	89	57 - 110	3	30
Chrysene	<0.034		1.38	1.18		mg/Kg	☼	86	54 - 110	2	30
Dibenz(a,h)anthracene	<0.034		1.38	1.12		mg/Kg	☼	81	52 - 118	1	30
Dibenzofuran	<0.17		1.38	1.29		mg/Kg	☼	93	54 - 110	0	30
1,2-Dichlorobenzene	<0.17		1.38	1.03		mg/Kg	☼	75	55 - 110	1	30
1,3-Dichlorobenzene	<0.17		1.38	0.932		mg/Kg	☼	68	52 - 110	2	30
1,4-Dichlorobenzene	<0.17		1.38	0.949		mg/Kg	☼	69	52 - 110	2	30
3,3'-Dichlorobenzidine	<0.17		1.38	1.10		mg/Kg	☼	80	31 - 110	2	30
2,4-Dichlorophenol	<0.34		1.38	1.27		mg/Kg	☼	92	60 - 110	0	30
Diethyl phthalate	<0.17		1.38	1.34		mg/Kg	☼	97	58 - 112	1	30
2,4-Dimethylphenol	<0.34		1.38	1.29		mg/Kg	☼	94	52 - 110	0	30
Dimethyl phthalate	<0.17		1.38	1.15		mg/Kg	☼	83	60 - 110	1	30
Di-n-butyl phthalate	<0.17		1.38	1.34		mg/Kg	☼	97	56 - 117	8	30
4,6-Dinitro-2-methylphenol	<0.34		2.75	0.372		mg/Kg	☼	14	10 - 110	12	30
2,4-Dinitrophenol	<0.68		2.75	<0.69	F1	mg/Kg	☼	0	10 - 110	NC	30
2,4-Dinitrotoluene	<0.17		1.38	1.16		mg/Kg	☼	84	57 - 116	0	30
2,6-Dinitrotoluene	<0.17		1.38	1.12		mg/Kg	☼	82	60 - 110	1	30
Di-n-octyl phthalate	<0.17		1.38	1.32		mg/Kg	☼	96	49 - 121	16	30
Fluoranthene	<0.034		1.38	1.21		mg/Kg	☼	88	55 - 113	7	30
Fluorene	<0.034		1.38	1.20		mg/Kg	☼	87	52 - 112	1	30
Hexachlorobenzene	<0.068		1.38	1.09		mg/Kg	☼	79	54 - 114	2	30
Hexachlorobutadiene	<0.17		1.38	1.14		mg/Kg	☼	83	53 - 110	0	30
Hexachlorocyclopentadiene	<0.68		1.38	<0.69	F1	mg/Kg	☼	0	10 - 112	NC	30
Hexachloroethane	<0.17		1.38	0.945		mg/Kg	☼	69	51 - 110	7	30
Indeno[1,2,3-cd]pyrene	<0.034		1.38	1.08		mg/Kg	☼	79	53 - 116	1	30
Isophorone	<0.17		1.38	1.02		mg/Kg	☼	74	49 - 110	1	30
2-Methylnaphthalene	<0.034		1.38	0.999		mg/Kg	☼	73	51 - 110	6	30
2-Methylphenol	<0.17		1.38	1.21		mg/Kg	☼	88	48 - 110	3	30
3 & 4 Methylphenol	<0.17		1.38	1.34		mg/Kg	☼	98	44 - 121	16	30
Naphthalene	<0.034		1.38	1.11		mg/Kg	☼	81	48 - 110	2	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-69043-11 MSD — **Client Sample ID: GP-06A-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218651 — **Prep Batch: 218463**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Nitroaniline	<0.17		1.38	1.16		mg/Kg	☼	84	53 - 126	2	30
3-Nitroaniline	<0.34		1.38	1.15		mg/Kg	☼	84	36 - 110	2	30
4-Nitroaniline	<0.34		1.38	1.30		mg/Kg	☼	95	44 - 124	2	30
Nitrobenzene	<0.034		1.38	1.11		mg/Kg	☼	81	52 - 110	5	30
2-Nitrophenol	<0.34		1.38	1.11		mg/Kg	☼	81	54 - 112	0	30
4-Nitrophenol	<0.68		2.75	2.50		mg/Kg	☼	91	39 - 125	3	30
N-Nitrosodi-n-propylamine	<0.17		1.38	1.02		mg/Kg	☼	74	40 - 121	6	30
N-Nitrosodiphenylamine	<0.17		1.38	1.24		mg/Kg	☼	90	58 - 110	2	30
2,2'-oxybis[1-chloropropane]	<0.17		1.38	0.806		mg/Kg	☼	59	36 - 110	3	30
Pentachlorophenol	<0.68		2.75	2.29		mg/Kg	☼	83	20 - 117	1	30
Phenanthrene	<0.034		1.38	1.24		mg/Kg	☼	90	51 - 116	5	30
Phenol	<0.17		1.38	1.26		mg/Kg	☼	91	49 - 110	0	30
Pyrene	<0.034		1.38	1.18		mg/Kg	☼	86	50 - 112	4	30
1,2,4-Trichlorobenzene	<0.17		1.38	1.10		mg/Kg	☼	80	57 - 110	1	30
2,4,5-Trichlorophenol	<0.34		1.38	1.41		mg/Kg	☼	102	57 - 113	2	30
2,4,6-Trichlorophenol	<0.34		1.38	1.10		mg/Kg	☼	80	55 - 112	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*25 - 119*
2-Fluorophenol	*80*		*25 - 110*
Nitrobenzene-d5	*77*		*25 - 115*
Phenol-d5	*82*		*31 - 110*
Terphenyl-d14	*95*		*36 - 134*
2,4,6-Tribromophenol	*105*		*35 - 137*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-218329/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218474 — **Prep Batch: 218329**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.255	J	0.50	0.15	mg/Kg		12/31/13 09:30	01/01/14 01:43	1

Lab Sample ID: LCS 500-218329/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218474 — **Prep Batch: 218329**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	10.0	10.2		mg/Kg		102	80 - 120

Lab Sample ID: 500-69043-11 MS — **Client Sample ID: GP-06A-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218474 — **Prep Batch: 218329**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.6	B	9.52	7.85	F1	mg/Kg	☼	55	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-69043-11 MSD — **Client Sample ID: GP-06A-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218474 — **Prep Batch: 218329**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	2.6	B	9.34	12.0	F2	mg/Kg	☼	100	75 - 125	42	20

Lab Sample ID: 500-69043-11 DU — **Client Sample ID: GP-06A-131219**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218474 — **Prep Batch: 218329**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	2.6	B		2.78		mg/Kg	☼			5	20

Lab Sample ID: MB 500-218336/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218473 — **Prep Batch: 218336**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.164	J	0.50	0.15	mg/Kg		12/31/13 09:45	12/31/13 13:46	1

Lab Sample ID: LCS 500-218336/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218473 — **Prep Batch: 218336**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			10.0	10.3		mg/Kg		103	80 - 120		

Lab Sample ID: 500-69043-26 MS — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218473 — **Prep Batch: 218336**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	7.9	B	9.83	14.2	F1	mg/Kg	☼	65	75 - 125		

Lab Sample ID: 500-69043-26 MSD — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218473 — **Prep Batch: 218336**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	7.9	B	11.0	13.3	F1	mg/Kg	☼	49	75 - 125	7	20

Lab Sample ID: 500-69043-26 DU — **Client Sample ID: GP-04A-131220**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 218473 — **Prep Batch: 218336**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	7.9	B		7.85		mg/Kg	☼			0.6	20

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-01A-131219 — Lab Sample ID: 500-69043-1

Date Collected: 12/19/13 09:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 17:53	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 13:43	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:10	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-01B-131219 — Lab Sample ID: 500-69043-2

Date Collected: 12/19/13 09:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 88.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 09:45	WRE	TAL CHI
Total/NA	Analysis	8260B		500	218455	01/01/14 19:27	BBS	TAL CHI
Total/NA	Prep	5035	DL		218172	12/19/13 09:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	5000	218455	01/01/14 19:54	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 14:02	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:16	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-02A-131219 — Lab Sample ID: 500-69043-3

Date Collected: 12/19/13 10:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 91.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 18:16	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 14:20	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:22	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-02B-131219 — Lab Sample ID: 500-69043-4

Date Collected: 12/19/13 10:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 10:45	WRE	TAL CHI
Total/NA	Analysis	8260B		5000	218455	01/01/14 20:21	BBS	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-02B-131219 — Lab Sample ID: 500-69043-4

Date Collected: 12/19/13 10:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035	DL		218172	12/19/13 10:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	50000	218455	01/01/14 20:49	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		5	219013	01/08/14 10:57	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:29	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-03A-131219 — Lab Sample ID: 500-69043-5

Date Collected: 12/19/13 11:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 88.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 18:38	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 17:33	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:35	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-03B-131219 — Lab Sample ID: 500-69043-6

Date Collected: 12/19/13 11:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 86.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		100	218455	01/01/14 21:16	BBS	TAL CHI
Total/NA	Prep	5035	DL		218172	12/19/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	1000	218455	01/01/14 21:43	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 17:52	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:41	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-05A-131219 — Lab Sample ID: 500-69043-7

Date Collected: 12/19/13 13:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 92.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 19:01	DJD	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-05A-131219 — Lab Sample ID: 500-69043-7

Date Collected: 12/19/13 13:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 92.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 18:11	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:47	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-05B-131219 — Lab Sample ID: 500-69043-8

Date Collected: 12/19/13 13:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 91.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 13:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	218455	01/01/14 22:10	BBS	TAL CHI
Total/NA	Prep	5035	DL		218172	12/19/13 13:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	218487	01/02/14 12:51	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		5	219013	01/08/14 11:17	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 02:54	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-08A-131219 — Lab Sample ID: 500-69043-9

Date Collected: 12/19/13 15:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 94.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 19:24	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 18:48	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 03:00	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-08B-131219 — Lab Sample ID: 500-69043-10

Date Collected: 12/19/13 16:00 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 90.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 16:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	218455	01/01/14 22:37	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 19:07	AJD	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-08B-131219 — Lab Sample ID: 500-69043-10

Date Collected: 12/19/13 16:00 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 90.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 03:06	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-06A-131219 — Lab Sample ID: 500-69043-11

Date Collected: 12/19/13 14:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 94.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 19:46	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 19:25	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 03:27	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-06B-131219 — Lab Sample ID: 500-69043-12

Date Collected: 12/19/13 14:50 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 90.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 14:50	WRE	TAL CHI
Total/NA	Analysis	8260B		500	218455	01/01/14 23:05	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 19:44	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 03:58	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-06B-131219D — Lab Sample ID: 500-69043-13

Date Collected: 12/19/13 14:55 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/19/13 14:55	WRE	TAL CHI
Total/NA	Analysis	8260B		500	218455	01/01/14 23:32	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 20:03	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:05	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: Trip Blank 121913

Lab Sample ID: 500-69043-14
Date Collected: 12/19/13 00:00
Matrix: Water
Date Received: 12/20/13 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	218369	12/31/13 16:09	JMP	TAL CHI

Client Sample ID: GP-09A-131220

Lab Sample ID: 500-69043-15
Date Collected: 12/20/13 08:45
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218482	01/02/14 12:53	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	219013	01/08/14 11:36	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:11	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-09B-131220

Lab Sample ID: 500-69043-16
Date Collected: 12/20/13 08:55
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 20:54	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	218651	01/03/14 20:40	AJD	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:17	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-10A-131220

Lab Sample ID: 500-69043-17
Date Collected: 12/20/13 09:45
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 21:17	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	219013	01/08/14 11:55	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:23	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-10B-131220 — Lab Sample ID: 500-69043-18

Date Collected: 12/20/13 10:00 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218334	12/31/13 21:40	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	219013	01/08/14 12:15	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:44	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-11A-131220 — Lab Sample ID: 500-69043-19

Date Collected: 12/20/13 11:20 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 95.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218482	01/02/14 13:16	DJD	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	219013	01/08/14 12:54	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:51	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-11B-131220 — Lab Sample ID: 500-69043-20

Date Collected: 12/20/13 11:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/20/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		100	218487	01/02/14 19:29	BBS	TAL CHI
Total/NA	Prep	5035	DL		218172	12/20/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	5000	218642	01/03/14 11:34	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	219013	01/08/14 13:13	PMF	TAL CHI
Total/NA	Prep	3541	DL		218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D	DL	5	219013	01/08/14 15:08	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 04:57	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-11B-131220D — Lab Sample ID: 500-69043-21

Date Collected: 12/20/13 11:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/20/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		500	218487	01/02/14 20:51	BBS	TAL CHI
Total/NA	Prep	5035	DL		218172	12/20/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	5000	218642	01/03/14 12:01	BBS	TAL CHI
Total/NA	Prep	3541			218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D		1	219013	01/08/14 13:33	PMF	TAL CHI
Total/NA	Prep	3541	DL		218463	01/02/14 07:08	STW	TAL CHI
Total/NA	Analysis	8270D	DL	20	219013	01/08/14 15:26	PMF	TAL CHI
Total/NA	Prep	3050B			218329	12/31/13 09:30	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218474	01/01/14 05:03	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: Trip Blank 122013 — Lab Sample ID: 500-69043-22

Date Collected: 12/20/13 00:00 — **Matrix: Water**
Date Received: 12/20/13 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	218488	01/02/14 19:02	BBS	TAL CHI

Client Sample ID: GP-07A-131220 — Lab Sample ID: 500-69043-23

Date Collected: 12/20/13 13:30 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 81.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/20/13 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		5000	218601	01/03/14 02:56	EMA	TAL CHI
Total/NA	Prep	3541			218462	01/02/14 07:04	STW	TAL CHI
Total/NA	Analysis	8270D		1	218873	01/07/14 21:19	GES	TAL CHI
Total/NA	Prep	3050B			218336	12/31/13 09:45	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218473	12/31/13 13:59	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-07B-131220 — Lab Sample ID: 500-69043-24

Date Collected: 12/20/13 13:45 — **Matrix: Solid**
Date Received: 12/20/13 17:15 — **Percent Solids: 80.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/20/13 13:45	WRE	TAL CHI
Total/NA	Analysis	8260B		5000	218601	01/03/14 03:20	EMA	TAL CHI
Total/NA	Prep	3541			218462	01/02/14 07:04	STW	TAL CHI
Total/NA	Analysis	8270D		1	218873	01/07/14 21:42	GES	TAL CHI
Total/NA	Prep	3050B			218336	12/31/13 09:45	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218473	12/31/13 14:05	LEG	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Client Sample ID: GP-07B-131220

Lab Sample ID: 500-69043-24
Date Collected: 12/20/13 13:45
Matrix: Solid
Date Received: 12/20/13 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-07B-131220D

Lab Sample ID: 500-69043-25
Date Collected: 12/20/13 13:55
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/20/13 13:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	218601	01/03/14 03:43	EMA	TAL CHI
Total/NA	Prep	3541			218462	01/02/14 07:04	STW	TAL CHI
Total/NA	Analysis	8270D		1	218873	01/07/14 22:05	GES	TAL CHI
Total/NA	Prep	3050B			218336	12/31/13 09:45	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218473	12/31/13 14:11	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-04A-131220

Lab Sample ID: 500-69043-26
Date Collected: 12/20/13 14:25
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217834	12/21/13 06:55	WEH	TAL CHI
Total/NA	Analysis	8260B		1	218482	01/02/14 13:39	DJD	TAL CHI
Total/NA	Prep	3541			218462	01/02/14 07:04	STW	TAL CHI
Total/NA	Analysis	8270D		1	218873	01/07/14 22:28	GES	TAL CHI
Total/NA	Prep	3050B			218336	12/31/13 09:45	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218473	12/31/13 14:17	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Client Sample ID: GP-04B-131220

Lab Sample ID: 500-69043-27
Date Collected: 12/20/13 14:35
Matrix: Solid
Date Received: 12/20/13 17:15
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			218172	12/20/13 14:35	WRE	TAL CHI
Total/NA	Analysis	8260B		5000	218601	01/03/14 04:07	EMA	TAL CHI
Total/NA	Prep	3541			218462	01/02/14 07:04	STW	TAL CHI
Total/NA	Analysis	8270D		1	218873	01/07/14 22:51	GES	TAL CHI
Total/NA	Prep	3541	DL		218462	01/02/14 07:04	STW	TAL CHI
Total/NA	Analysis	8270D	DL	5	219013	01/08/14 13:52	PMF	TAL CHI
Total/NA	Prep	3050B			218336	12/31/13 09:45	MJP	TAL CHI
Total/NA	Analysis	6010B		1	218473	12/31/13 15:33	LEG	TAL CHI
Total/NA	Analysis	Moisture		1	217924	12/27/13 12:00	LWN	TAL CHI

Lab Chronicle

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: CDM Smith, Inc.
Project/Site: 3450 E 2056th Wedron IL

TestAmerica Job ID: 500-69043-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-14
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-14
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-14
Massachusetts	State Program	1	M-IL035	06-30-14
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-14
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-14
South Carolina	State Program	4	77001	04-30-14
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-14
Wyoming	State Program	8	8TMS-Q	04-30-14

TestAmerica

THE LEADER IN ENVIRONMENTA

2417 Bond Street, University Park, IL 6
Phone: 708.534.5200 Fax: 708.5

500-69043 COC

Report To (optional)
Contact: Chris Albrecht
Company: CDM Smith
Address: 125 S. Wacker Dr
Address: Ste 600
Phone: 312-346-5000
Fax:
E-Mail: albrechtca@cdm.com

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-69043
Chain of Custody Number:
Page 1 of 2
Temperature °C of Cooler: 2.6, 2.9

Client: CDM Smith
Client Project #: 101127
Project Name: Wedron
Project Location/State: Wedron, IL
Lab Project #:
Sampler: C. Cox
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Preservative: 7)	SVOCs, Total Lead (Preservative: 7)							Comments
1		GP-01A-131219	12/19/13	0930	5	S	X	X							
2		GP-01B-131219		0945	5	S	X	X							
3		GP-02A-131219		1030	5	S	X	X							
4		GP-02B-131219		1045	5	S	X	X							
5		GP-03A-131219		1130	5	S	X	X							
6		GP-03B-131219		1145	5	S	X	X							
7		GP-05A-131219		1330	5	S	X	X							
8		GP-05B-131219		1345	5	S	X	X							
9		GP-08A-131219		1545	5	S	X	X							
10		GP-08B-131219		1600	5	S	X	X							

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Catherine Cox	CDM Smith	12/20/13	1530	[signature]	TA	12/20/13	1530
[signature]	TA	12/20/13	1715	[signature]	TA-CHI	12/20/13	1715
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: TA
Shipped:
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-69043

Chain of Custody Number:

Page 2 of 2

Temperature °C of Cooler: 2.6, 2.9

Report To (optional)
Contact: Chris Albrecht
Company: CDM Smith
Address: 125 S. Wacker Dr
Address: Ste 600
Phone: 312-346.5000
Fax:
E-Mail: albrechtca@CDM.com

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Client: CDM Smith
Client Project #: 101127
Project Name: Wedron
Project Location/State: Wedron, IL
Lab Project #:
Sampler: C. Cox
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	SVOCs, total lead	VOCs							Comments
Preservative								7	7							
11	X	GP-06A-131219	12/19/13	1445	15	S	X	X								
12		GP-06B-131219		1450	5	S	X	X								
13		GP-06B-131219D		1455	5	S	X	X								
14		Triplank 121913	12/19/13	—	2	W	~~X~~ 12/19/13		X							Triplanks prepared by CDM prior to sampling; offsite

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Catherine Cox	CDM Smith	12/20/13	1530	[signature]	TA	12/20/13	1530
[signature]	TA	12/20/13	1715	Sherri Scott	TA-CHI	12/20/13	1715
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: TA
Shipped:
Hand Delivered:

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W – Water
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SL – Sludge
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WI – Wipe
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Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-69043

Chain of Custody Number:

Page 1 of 2

Temperature °C of Cooler: 2.6, 2.9

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Contact: Chris Albrecht
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Address: Ste 600
Phone: 312-346-5000
Fax:
E-Mail: albrechtca@cdm.com

Bill To (optional)
Contact:
Company:
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Address:
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Fax:
PO#/Reference#

Client: CDM Smith
Client Project #: 101127
Project Name: Wedron
Project Location/State: Wedron, IL
Lab Project #:
Sampler: C. Cox
Lab PM:

Preservative Key
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2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	SVOCs, total lead	VOCs							Comments
Preservative								7	7							
15		GP-09A-131220	12/20/13	0845	5	S	X	X								
16		GP-09B-131220		0855	5	S	X	X								
17		GP-10A-131220		0945	5	S	X	X								
18		GP-10B-131220		1000	5	S	X	X								
19		GP-11A-131220		1120	5	S	X	X								
20		GP-11B-131220		1130	5	S	X	X								
21		GP-11B-131220D		1145	5	S	X	X								
22		TRIP BLANK 122013	12/20/13	—	2	W			X							Trip blanks prepared by CDM prior to sampling; off site.

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days X 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Catherine Cox	CDM Smith	12/20/13	1530	[illegible]	TA	12/20/13	1530
[illegible]	TA	12/20/13	1715	[illegible]	TA-CHI	12/20/13	1715
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Shipped:
Hand Delivered:

Matrix Key
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W – Water
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SE – Sediment
SO – Soil
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O – Other

Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-69043

Chain of Custody Number:

Page 2 of 2

Temperature °C of Cooler: 2.6, 2.9

Report To (optional)
Contact: Chris Albrecht
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Address: Ste 600
Phone: 312-346-5000
Fax:
E-Mail: albrechtca@cdm.com

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Client: CDM Smith
Client Project #: 101127
Project Name: Wedron
Project Location/State: Wedron, IL
Lab Project #:
Sampler: C. Cox
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Preservative: 7)	SVOCs Total Lead (Preservative: 7)							Comments
23		GP-07A-131220	12/20/13	1330	5	S	X	X							
24		GP-07B-131220		1345	5	S	X	X							
25		GP-07B-131220D		1355	5	S	X	X							
26	X	GP-04A-131220		1425	15	S	X	X							
27		GP-04B-131220		1435	5	S	X	X							

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ~~X~~ 7 Days X 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Catherine Cox	CDM Smith	12/20/13	1530	[signature]	TA	12/20/13	1530
[signature]	TA	12/20/13	1715	Sherri Scott	TA-CHI	12/20/13	1715
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 500-69043-1

Login Number: 69043

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6,2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	