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October 24, 2014

Mr. Stuart Moynihan
Economic Development Coordinator
City of Newark Development Department
40 West Main Street
Newark, Ohio 43055

RE: Phase II Environmental Site Assessment Report
217 South 21st Street, Newark, Ohio
SME Project Number: 066940.00.004.006

Dear Mr. Moynihan:

Soil and Materials Engineers, Inc. (SME) has completed a Phase II Environmental Site Assessment (ESA) of the above referenced property. The Phase II ESA was funded by the City of Newark's United States Environmental Protection Agency (USEPA) Brownfields Assessment Grant for hazardous substances.

If you have any questions concerning this report, or if additional services are required, please call.

Sincerely,

SOIL AND MATERIALS ENGINEERS, INC.

Ann M. Winegar

Ann M. Winegar, PG
Project Geologist

Enclosures: 2 Reports

1964-2014 50 Years

OFFICES
Michigan
Indiana
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building/infrastructure restoration
caisson/piles
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concrete
construction materials services
corrosion
dewatering
drilling
due care analysis
earth retention system
environmental compliance
environmental site assessment
facility asset management
failure analyses
forensic engineering
foundation engineering
geodynamic/vibration
geophysical survey
geosynthetic
greyfield redevelopment
ground modification
hydrogeologic evaluation
industrial hygiene
indoor air quality/mold
instrumentation
masonry/stone
metals
nondestructive testing
pavement evaluation/design
property condition assessment
regulatory compliance
remediation
risk assessment
roof system management
sealants/waterproofing
settlement analysis
slope stability
storm water management
structural steel/welding
underground storage tank

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

217 SOUTH 21ST STREET
NEWARK, OHIO

Prepared for:

Mr. Stuart Moynihan
Economic Development Coordinator
City of Newark Development Department
40 West Main Street
Newark, Ohio

SME Project Number: 066940.00.004.006
Cooperative Agreement: BF-00E01072-0

October 24, 2014

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Appendix A: SME's Sampling and Analysis Plan
Appendix B: Soil Boring Logs
Appendix C Laboratory Data Reports

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1.0 INTRODUCTION

Soil and Materials Engineers, Inc. (SME) personnel prepared this report to present the results of a Phase II Environmental Site Assessment (ESA) of the property located at 217 South 21st Street, Newark, Licking County, Ohio, hereafter referred to as the "Property". Figure 1 provides the location of the Property. The City of Newark authorized the conduct of this Phase II ESA to further evaluate current environmental conditions to help determine remedial actions to support redevelopment. An adjoining property owner plans to purchase the Property and expand their operations onto the Property. The City of Newark's U.S. Environmental Protection Agency (U.S. EPA) Brownfields Assessment Grant for hazardous substances funded the assessment activities.

1.1 Site Description and Background

The Property consists of approximately 1.4 acres of land developed with a commercial/industrial building and a house that has been used as an office building. A warehouse, an office, a storage area, and a garage are located in the commercial/industrial building. The remainder of the Property is asphalt-paved parking, gravel-surfaced, and lawn areas.

The Property was first developed in the 1950s as residential. In the early 1960s an auto service and repair facility was located on the Property in addition to a residence. In the late 1960s a trucking company and the residence were located on the Property. From 1970 through circa 1997, a janitorial supply company was located on the Property and from 1997 through circa 2012, a warehousing firm, janitorial service companies, an antique dealer and a water-based coating manufacturer were located on the Property. The Property is currently vacant.

Soil, groundwater, and soil vapor contaminated with tetrachloroethene (PCE) and trichloroethene (TCE) and to a lesser degree their environmental daughter products was discovered during previous environmental assessments. In 2010 and 2011, Carnoustie Consulting conducted a Phase II Property Assessment in accordance with Ohio Environmental Protection Agency (Ohio EPA) Voluntary Action Program (VAP) rules. In 2011 and 2012, Tetra Tech EM Inc. (Tetra Tech) conducted a Phase II Environmental Site Assessment (ESA) to support a hydrogeological assessment of the Property that was being conducted by Hull & Associates, Inc. (Hull). Hull reportedly did not prepare a project report for their study, but analytical data from the assessment are available.

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1.2 Purpose

SME and our subconsultant, Carnoustie Consulting, Ltd. (Carnoustie) reviewed the previous assessments and have determined that additional assessment is needed to address existing data gaps to help determine appropriate remedial action at the Property. We found the following data gaps that need further assessment:

- In soil, PCE and TCE contamination was found in SB2, located in the garage, and SB4, located in the warehouse. Lower levels of PCE and TCE were found in SB3 and SB5, which were both located in the warehouse. Soil samples from MW-9 were not analyzed by a laboratory, but based on the photoionization detector (PID) readings and the groundwater concentrations of PCE and TCE at this well we believe it may be located in or near a source area. Further assessment of the soil along the building walls of the warehouse, the storage area, and the garage is needed to evaluate if the building footers may be providing a preferential pathway for contamination. In addition, soil borings are needed in these areas of the building to lateral and vertical extent of soil that needs to be remediated.
- In groundwater, PCE and TCE were found at MW-9 and MW-6, and to a lesser extent, MW-7 and MW-8. Neither PCE nor TCE were detected at MW-12 or MW-13. Groundwater monitoring wells are needed on the northeast portion of the Property to help determine areal extent of contamination in the vicinity of MW-6, MW-7, MW-8, and MW-9.
- MW-12 was screened at 35 to 40 feet below ground surface (bgs) and MW-13 was screened at 20 to 40 feet bgs. Groundwater was measured in 2011 at depths of 13.18 feet bgs (MW-12) and 11.28 feet bgs (MW-13). MW-8, which was located approximately 15 feet northwest of MW-12, was screened in sand at 10 to 20 feet bgs. Although the boring logs show that MW-8, MW-12, and MW-13 were all screened in sand and gravel, it is possible that a confining layer is present that is preventing migration of contamination to the groundwater zone that MW-12 and MW-13 are screened in. A monitoring well screened in the same interval as MW-8 is needed near MW-12 and MW-13 to help determine if contamination is present in the shallower groundwater zone at these wells.

Soil vapor was previously assessed at the Property in the Carnoustie Phase II Property Assessment. In soil vapor, PCE was detected at concentrations up to 649,000 $\mu g/m^3$ beneath the building slab, and at concentrations up to 270,000 $\mu g/m^3$ at locations outside the building footprint on the south side of the Property. The existing buildings will likely be demolished as part of the redevelopment of the Property and the soil contamination will be remediated either by removal, in-situ treatment, or a combination of both. Groundwater contamination will likely be addressed by institutional controls. Further assessment of soil vapor is not needed to help

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determine appropriate remedial action, therefore, this site assessment did not include soil vapor sampling.

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2.0 PHASE II SCOPE AND PROCEDURES

2.1 Scope of Assessment

SME personnel conducted a Phase II ESA sampling investigation of the Property to further evaluate the environmental conditions of the Property to help determine remedial actions to support the redevelopment of the Property. We conducted the assessment in accordance with our *Sampling and Analysis Plan* (SAP), dated August 6, 2014, and *Quality Assurance Project Plan (QAPP)*, with an addendum approved on March 21, 2014. The SAP was approved by U.S. EPA Region 5 prior to project implementation. Our SAP is included in Appendix A. Deviations from the SAP are as follows:

1. Soil borings SB12 through SB15 were moved between 5 and 15 feet south of their planned locations in the storage area because items that were stored in the building blocked the planned locations. In the warehouse area, soil boring SB18 was moved approximately 15 feet east of its planned location and soil boring SB20 was moved approximately 15 feet south of its planned location for the same reason.

The scope of services for this Phase II ESA included soil and groundwater sampling, visual classification of soil samples, field screening with a photoionization detector (PID), analytical testing, and interpretation and reporting of the results. The sample locations are depicted on Figure 2. The project SAP provides the sampling rationale (Appendix A). Table 1 summarizes the samples collected and analyzed.

In September 2014, we assessed the Property, which included collecting soil samples from soil borings SB6 through SB27. We installed groundwater monitoring wells at MW-14 through MW-18 and collected groundwater samples from groundwater monitoring wells MW-1 through MW-18.

2.2 Procedures

Project procedures followed those outlined in the project SAP, which is included in Appendix A.

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3.0 RESULTS

Results of the assessment activities, including subsurface conditions, chemical analyses results, and data validation are described in the following subsections. Figure 2 provides the locations of samples collected during the assessment. Tables 1 and 2 provide summaries of the collected samples, depths, and applicable standards.

3.1 Subsurface Conditions

Soil samples were visually classified in general accordance with the Unified Soil Classification System (USCS). The Soil Boring Logs in Appendix B provide information regarding the soil conditions encountered at the each boring. The surface of the Property in the area of the borings included the concrete floor in most of the building, with the exception of the storage area which had a partial concrete floor. The remaining surface in the storage area was clay, sand, or gravel. The surface of the exterior areas of the Property was gravel, asphalt, or topsoil. The general subsurface profile consisted of fill underlain by sand with gravel, and/or silt. The fill extended to depths ranging from 1.5 feet to 11 feet below grade. The fill generally consisted of lean clay, clayey sand, or sand with organics, gravel, brick, and rock fragments. We encountered groundwater at depths of ranging from 13 to 17 feet below grade in sand. A potentiometric surface map (Figure 5) was developed using field measurements of static groundwater elevations to estimate groundwater flow direction. The field screening PID concentrations ranged from less than one part per million (ppm) to 1,432 ppm (at SB14, 14 – 15 feet). SME personnel noted odors at SB9 and SB10, between 22 and 24 feet below grade and at SB11, between 20 and 26 feet below grade. SME personnel observed no staining.

3.2 Chemical Analyses Results

This section summarizes the results of chemical analyses performed on soil and groundwater samples. Belmont Labs in Englewood, Ohio performed laboratory analyses of the soil, groundwater, and applicable QA/QC samples. Table 1 presents the chemical analyses results for the soil samples and Table 2 provides the results for the groundwater samples. We compared the soil sample results to the VAP generic direct contact standards for commercial or industrial land use. The laboratory data reports are included in Appendix C.

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3.2.1 Soil Analytical Results

The laboratory analysis detected 15 volatile organic compounds (VOCs) in the soil samples. The concentrations of tetrachloroethene (PCE) exceeded the Ohio EPA Voluntary Action Program (VAP) generic direct contact standard (GDCS) for commercial and industrial land use at eleven boring locations. These were the exterior borings located around MW-9, the borings located in the northern portion of the warehouse, and the borings located in the storage area. The highest concentration (1,370 mg/kg) was measured in the sample from 22 to 22.5 feet below grade at SB10. Trichloroethene (TCE) was measured at concentrations exceeding the GDCS at SB17 (19-20 feet below grade) and SB18 (18-19 feet below grade). The PCE and TCE concentrations measured in soil are shown on Figure 3.

3.2.2 Groundwater Analytical Results

The laboratory analysis detected 17 VOCs at concentrations exceeding the laboratory RLs in one or more of the groundwater samples. Five VOCs were measured in groundwater samples from one or more locations at concentrations above the VAP unrestricted potable use standard (UPUS). These included the VOCs, PCE and TCE, and their daughter compounds cis-1,2-dichloroethene, 1,1-dichloroethane, and 1,1,1,2-tetrachloroethane. The highest concentrations of PCE (40,100 µg/L) and TCE (5,050 µg/L) were measured in the groundwater sample from MW-14. The PCE and TCE concentrations measured in groundwater are shown on Figure 4. We also collected groundwater samples from MW-9 and submitted them to the laboratory for analysis of sulfate, alkalinity, nitrate, manganese, total dissolved iron, and total organic carbon to aid in the selection of remedial options. These results are shown on Table 3.

3.3 Data Verification/Validation and Usability

We evaluated the field and laboratory QA/QC sample results to determine if the data set was valid and of usable quality. Except as described below, results of quality control samples indicated that sample reproducibility and sampling and laboratory analysis functions were within acceptable limits. The laboratory QA/QC results are detailed in the Case Narratives included in Appendix C.

3.3.1 Field QA/QC

The relative percent difference (RPD) for 4 VOCs (naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene) in the duplicate soil sample exceeded the project QC limits of ± 50% as indicated in the QAPP. However, none of these compounds were measured in either sample at concentrations above the GDCS. Carbon disulfide was measured in

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the trip blank submitted with samples on September 9, 2014 at a concentration below the laboratory reporting limit. However, carbon disulfide was not measured in any of the groundwater samples at concentrations above the laboratory reporting limits. Therefore, these discrepancies did not affect the usability of the data. The RPD in the duplicate groundwater sample was within the project QC limits of ± 35%.

3.3.2 Laboratory QA/QC

The laboratory reported that the laboratory control sample recovery on isopropylbenzene in groundwater was outside of the acceptance limits high, but the sample results are below detection limits. Therefore, the sample data is still acceptable. The laboratory also reported that the surrogate recovery of 4-bromofluorobenzene was outside the acceptance limits high for soil sample SB11 (20 to 20.5 feet), but there were no target analytes present in the sample. Therefore, the sample data is still acceptable.

3.3.3 Project Objectives and Data Usability

The chemical analysis data generated on this project is usable and meet project objectives.

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4.0 CONCLUSIONS

Our conclusions are summarized as follows:

- PCE and TCE were present at concentrations exceeding the GDCS in the soil samples from around MW-9 located near the northwest corner of the warehouse, from the soil borings in the north portion of the warehouse, and from the south portion of the storage building.
- PCE and TCE were also measured in groundwater samples at concentrations exceeding UPUS, primarily in the wells located on the central and north portions of the Property. The highest concentrations were measured in the groundwater at MW-14.

Based on the results, soil remediation will be necessary to meet VAP standards for commercial and/or industrial use of the Property. It may be possible to use institutional or engineering controls to mitigate the groundwater contamination.

The conclusions in this report are based on information obtained from the areas of investigation only. Visual observations and chemical screening results formed the basis for the subsurface assessment. The conclusions contained in this report may require modification if additional surface, subsurface, or chemical data become available after the date of issue of this report. We could only comment on modifications to our conclusions after reviewing the additional information.

In the process of obtaining information in preparation of this report, procedures were followed that represent reasonable practices and principles in a manner consistent with that level of care and skill ordinarily exercised by members of this profession currently practicing under similar conditions.

Report prepared by: Ann M. Winegar, PG
Report reviewed by: Jeffrey P. Hullinger, PE, Ohio CP#214
Carnoustie Consulting, Ltd.

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FIGURES

Figure 1 – USGS 7.5 Minute Topographic Map

Figure 2 – Sample Location Diagram

Figure 3 – PCE and TCE Concentrations in Soil

Figure 4 – PCE and TCE Concentrations in Groundwater

Figure 5 – Potentiometric Surface Map

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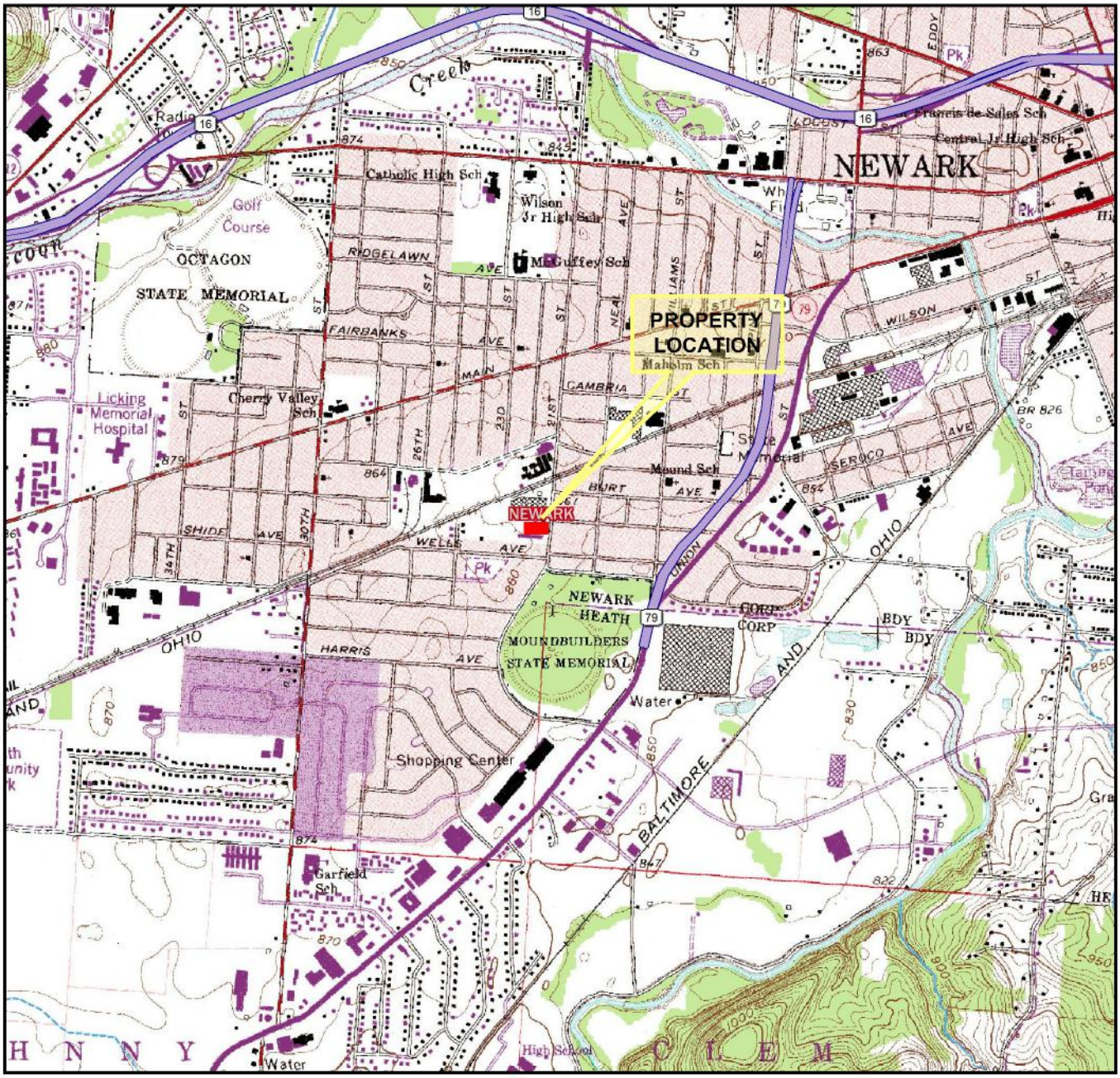

Base map obtained from © DeLorme Topo North America ™ 10.

LEGEND

APPROXIMATE PROPERTY LOCATION

USGS QUADRANGLE(s) REFERENCED

NEWARK (OH), 1984

0' 2000'

SCALE: 1" = 2000'

NORTH

Jul 07, 2014 - 2:05pm - preinesberger \\Smefile\work in progress\066940.00\CAD\066940.00.04A.006\066940.00.04A.006 FIG1.dwg

sme

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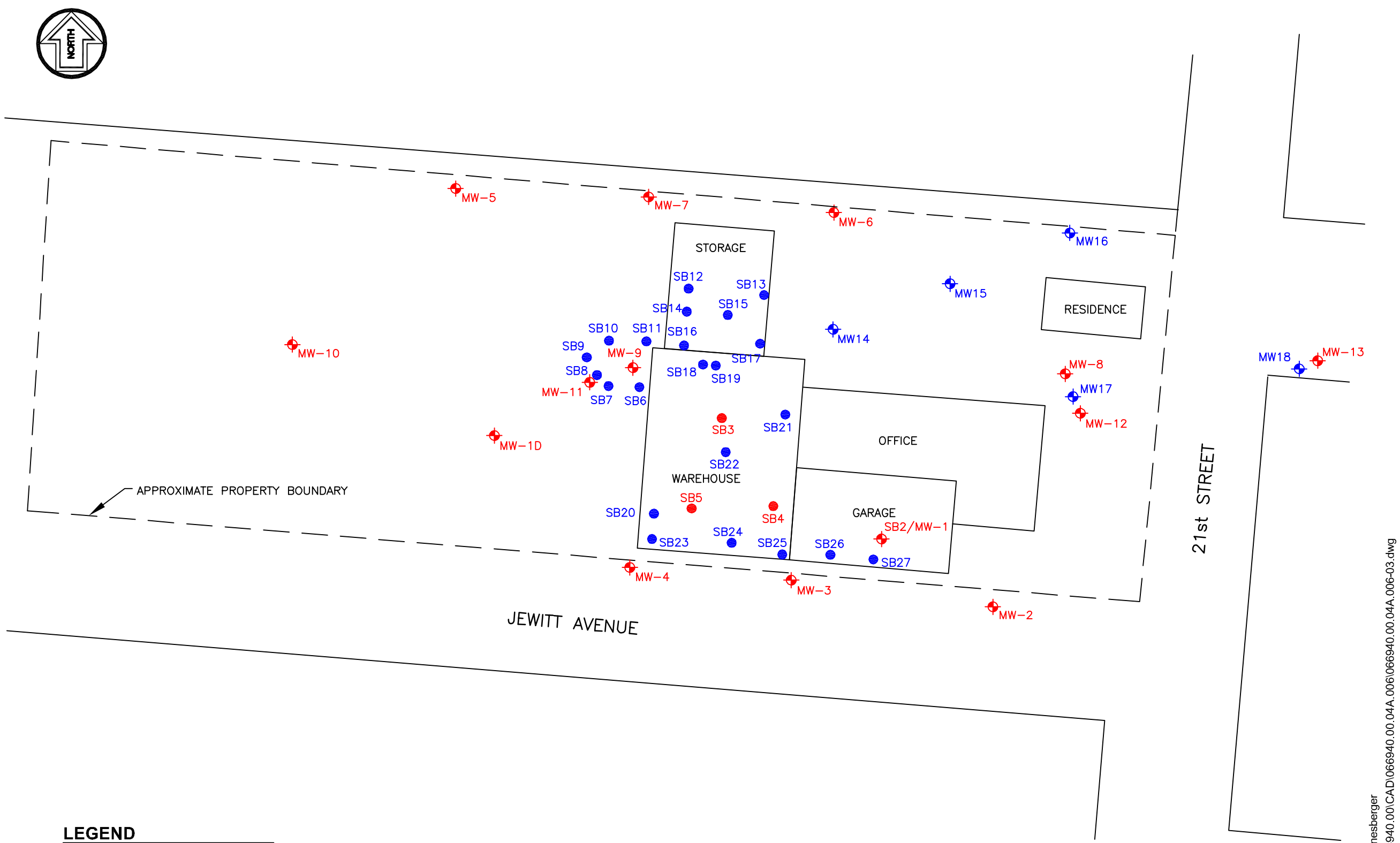
Indiana
Michigan
Ohio

Date	07/07/14
Drawn By	HRP
Scale	1" = 2000'
Project	066940.00.04A.006

PROPERTY LOCATION MAP
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

Figure No. 1



LEGEND

- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING
- SOIL BORING
- MONITORING WELL

0' 40' 80'

GRAPHIC SCALE: 1" = 40'

No.	Revision Date

SAMPLE LOCATION DIAGRAM
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

Date	09-17-14
Drawn By	HRP/GM
Designed By	LEA
Scale	1" = 40'
Project	066940.00.04A.006

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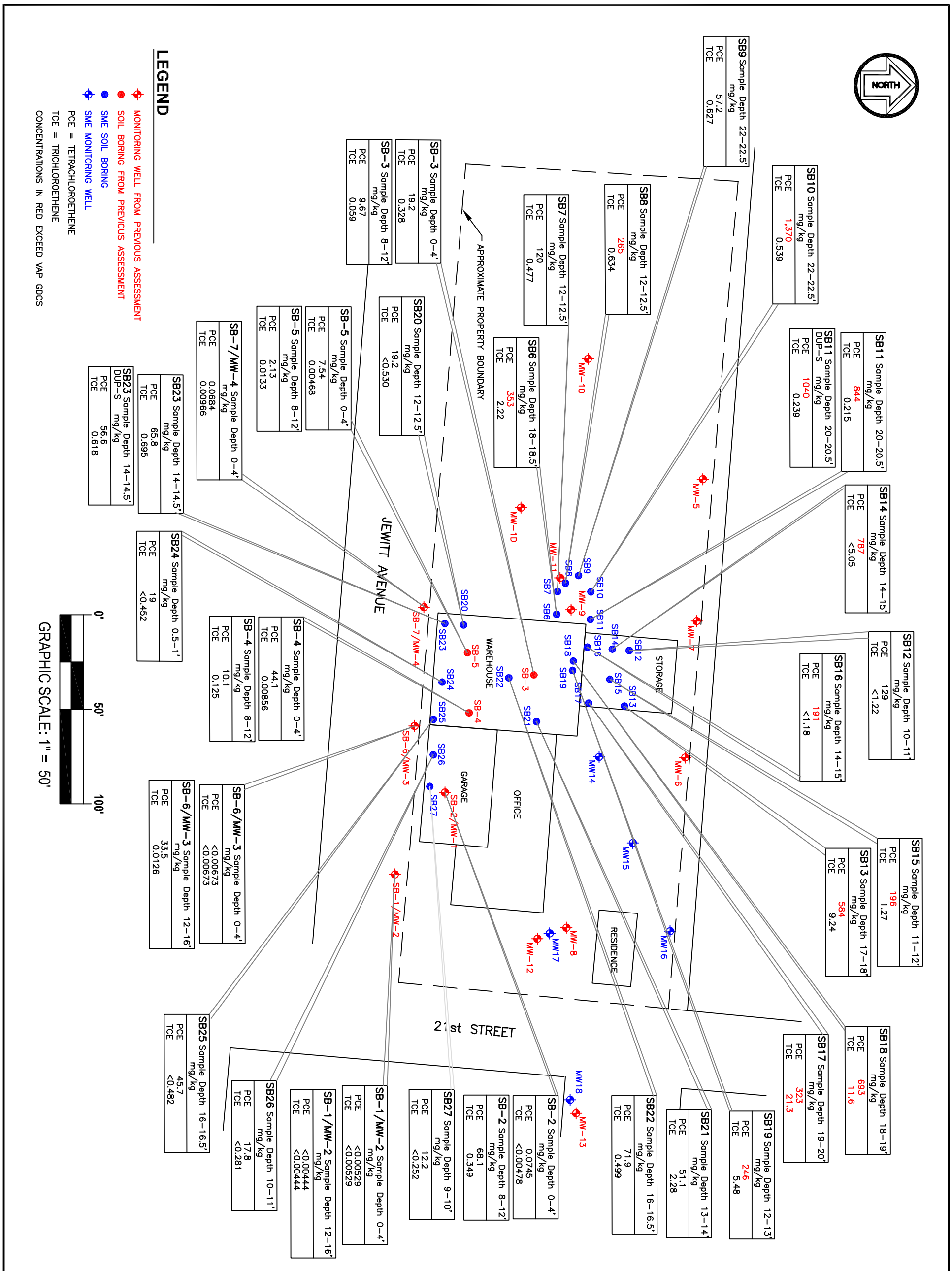
Figure No. 2



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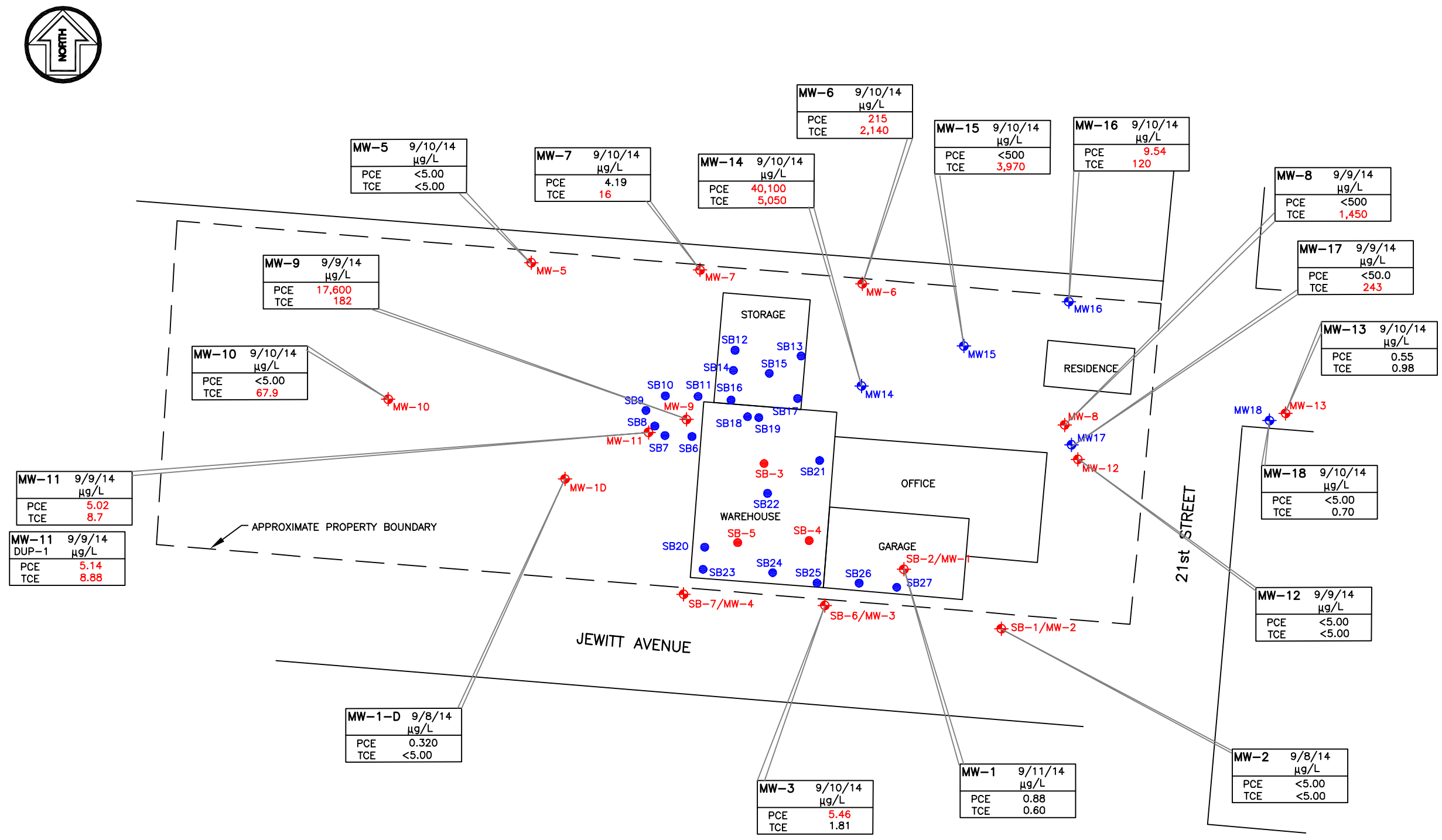
Date	09-17-14
Drawn By	HRP/GM
Designed By	LEA
Scale	1" = 50'
Project	066940.00.04A.006

PCE AND TCE SOIL CONCENTRATIONS
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

No.	Revision Date

Figure No. 3



LEGEND

- MONITORING WELL FROM PREVIOUS ASSESSMENT
- SOIL BORING FROM PREVIOUS ASSESSMENT
- SME SOIL BORING
- SME MONITORING WELL

PCE = TETRACHLOROETHENE

TCE = TRICHLOROETHENE

CONCENTRATIONS IN RED EXCEED VAP GDCS

No.	Revision Date

PCE AND TCE GROUNDWATER CONCENTRATIONS
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

Date	09-17-14
Drawn By	HRP/GM
Designed By	LEA
Scale	1" = 50'
Project	066940.00.04A.006

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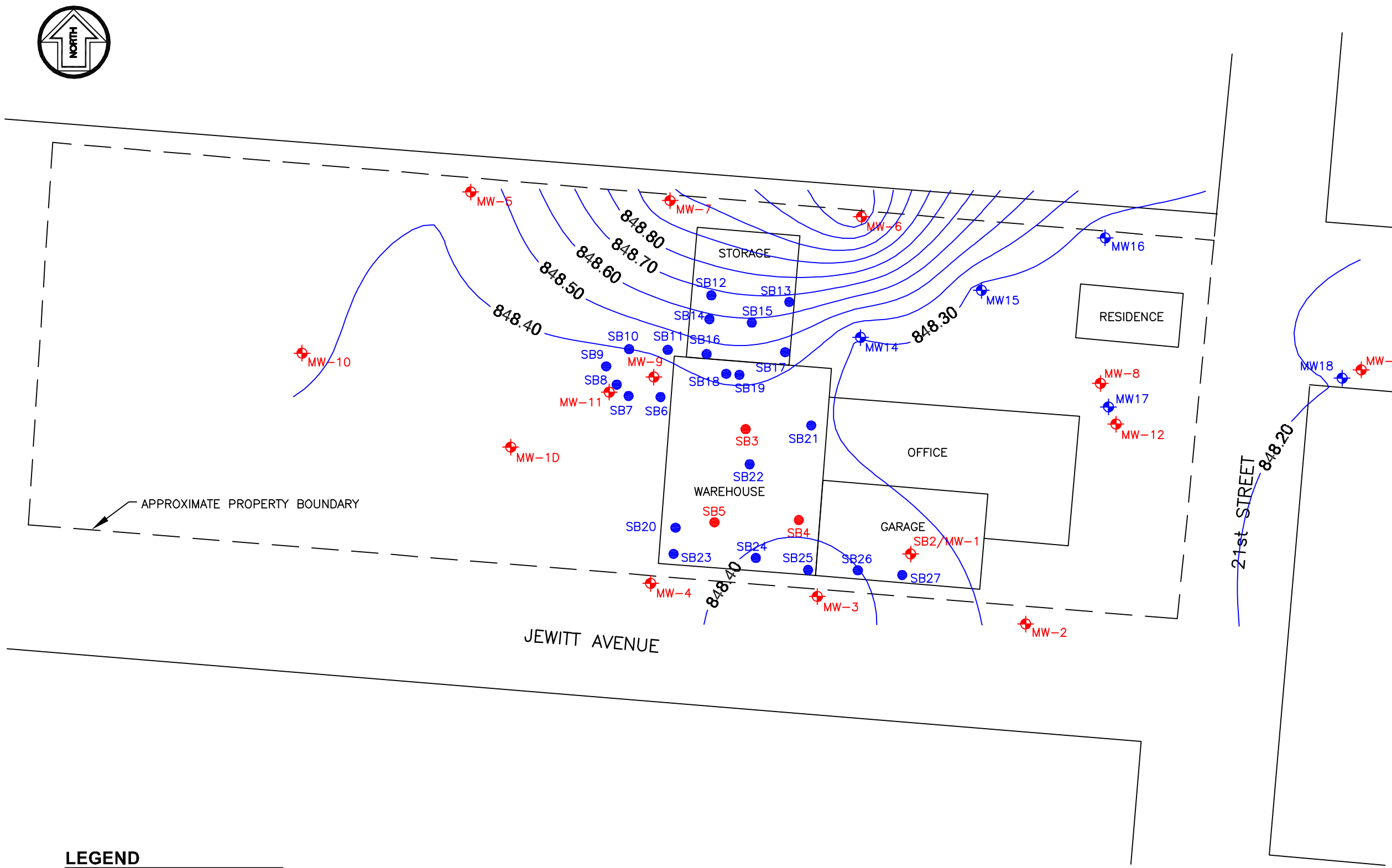
Oct 14, 2014 - 4:39pm - preinesberger
\\Smefile\work in progress\066940.00\CAD\066940.00.04A.006\066940.00.04A.006-05 FIG4.dwg

Figure No. 4



LEGEND

- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING
- SOIL BORING
- MONITORING WELL

MW-1, MW-1D, MW-4, AND MW-12 WERE NOT MEASURED.

0' 40' 80'

GRAPHIC SCALE: 1" = 40'

No.	Revision Date

GROUNDWATER ELEVATIONS MEASURED ON 10/16/14
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

Date	10/21/14
Drawn By	HRP/GM
Designed By	LEA
Scale	1" = 40'
Project	066940.00.04A.006

Oct 21, 2014 - 4:13pm - preinesberger
\\Smefile\work in progress\066940.00\CAD\066940.00.04A.006\066940.00.04A.006-03 FIG5.dwg

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Figure No. 5

TABLES

Table 1 – Soil Analytical Results

Table 2 - Groundwater Analytical Results

Table 3 – Results from Additional Analysis at MW-9

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TABLE 1
SOIL ANALYTICAL RESULTS
217 SOUTH 21ST STREET
NEWARK, OHIO
066940.00.04A.006

Parameters (units in mg/kg)	VAP Generic Direct-Contact Soil Standard for Commercial/ Industrial Land Use	Sample ID	SB6	SB7	SB8	SB9	SB10	SB11	DUP-S (SB11)	SB12	SB13	SB14	SB15	SB16	SB17	SB18	SB19	SB20	SB21	SB22
		Depth	18-18.5	12-12.5	12-12.5'	22-22.5'	22-22.5'	20-20.5'	20-20.5'	10-11'	17-18'	14-15'	11-12'	14-15'	19-20'	18-19'	12-13'	12-12.5'	13-14'	16-16.5'
		Date Collected	9/3/2014	9/3/2014	9/3/2014	9/3/2014	9/3/2014	9/3/2014	9/3/2014	9/5/2014	9/5/2014	9/5/2014	9/5/2014	9/5/2014	9/5/2014	9/4/2014	9/4/2014	9/4/2014	9/4/2014	9/4/2014
Volatile Organic Compounds (VOCs)																				
n-Butylbenzene	178		<1.44	<1.21	<1.39	<0.131	<0.124	**0.0398**	**0.0475**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
sec-Butylbenzene	764		<1.44	<1.21	<1.39	**0.0393**	<0.124	**0.0423**	**0.067**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
Chloroform	7.4		<1.44	<1.21	<1.39	<0.131	<0.124	<0.0759	<0.108	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
cis-1,2-Dichloroethene	NS		<1.44	<1.21	<1.39	**0.116**	<0.124	<0.0759	<0.108	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
4-Isopropyltoluene	NS		<1.44	<1.21	<1.39	<0.131	<0.124	**0.0484**	**0.0806**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
Methyl tert-Butyl Ether	1,100		**0.736**	**0.739**	**0.703**	<0.262	<0.248	<0.152	<0.217	<2.43	**1.73**	**2.06**	<2.46	**0.431**	**1.83**	<9.74	**0.611**	**0.544**	<0.465	**0.696**
Methylene Chloride	750		<1.44	<1.21	<1.39	<0.131	<0.124	<0.0759	<0.108	<1.22	<5.00	<5.05	**0.567**	<1.18	<5.19	**3.01**	**0.832**	<1.33	<0.232	<1.22
Naphthalene	90		<1.44	<1.21	<1.39	<0.131	<0.124	**0.0155**	**0.0379**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
n-Propylbenzene	236		<1.44	<1.21	<1.39	<0.131	<0.124	<0.0759	**0.0475**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
1,1,1,2-Tetrachloroethane	46		<1.44	<1.21	<1.39	<0.131	**0.352**	<0.0759	<0.108	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
Tetrachloroethene	**170**		**353**	**120**	**265**	**57.2**	**1,370**	**844**	**1,040**	**129**	**584**	**787**	**196**	**191**	**323**	**693**	**246**	**19.2**	**51.1**	**71.9**
1,1,1-Trichloroethane	640		**0.855**	<0.484	<0.556	<0.131	**0.0887**	**0.0358**	**0.0306**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<0.530	**1.49**	**0.973**
Trichloroethene	**11**		**2.22**	**0.477**	**0.634**	**0.627**	**0.539**	**0.215**	**0.239**	<1.22	**9.24**	<5.05	**1.27**	<1.18	**21.3**	**11.6**	**5.48**	<0.530	**2.28**	**0.499**
1,2,4-Trimethylbenzene	160		<1.44	<1.21	<1.39	<0.131	<0.124	<0.0759	**0.0548**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22
1,3,5-Trimethylbenzene	970		<1.44	<1.21	<1.39	<0.131	<0.124	<0.0759	**0.0542**	<1.22	<5.00	<5.05	<1.23	<1.18	<5.19	<4.87	<1.20	<1.33	<0.232	<1.22

Notes:
Only chemicals of concern measured in one or more samples are shown on the table
Detected results are shown in **Bold**.
Highlighted results exceed the Direct Contact Standard.
VAP - Voluntary Action Program.
NS - No standard available.

TABLE 1
SOIL ANALYTICAL RESULTS
217 SOUTH 21ST STREET
NEWARK, OHIO
066940.00.04A.006

Parameters (units in mg/kg)	VAP Generic Direct-Contact Soil Standard for Commercial/ Industrial Land Use	Sample ID	SB23	DUP-S (SB23)	SB24	SB25	SB26	SB27
		Depth	14-14.5'	14-14.5'	0.5-1'	16-16.5'	10-11'	9-10'
		Date Collected	9/4/2014	9/4/2014	9/4/2014	9/4/2014	9/4/2014	9/5/2014
Volatile Organic Compounds (VOCs)								
n-Butylbenzene	178		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
sec-Butylbenzene	764		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
Chloroform	7.4		<1.17	<1.16	<1.13	<1.20	**0.121**	<0.252
cis-1,2-Dichloroethene	NS		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
4-Isopropyltoluene	NS		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
Methyl tert-Butyl Ether	1,100		**0.566**	**0.479**	**0.491**	**0.554**	**0.0956**	**0.0857**
Methylene Chloride	750		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
Naphthalene	90		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
n-Propylbenzene	236		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
1,1,1,2-Tetrachloroethane	46		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
Tetrachloroethene	**170**		**65.8**	**56.6**	**19**	**45.7**	**17.8**	**12.2**
1,1,1-Trichloroethane	640		<0.469	<0.463	<0.452	<0.482	<0.281	<0.252
Trichloroethene	**11**		**0.695**	**0.618**	<0.452	<0.482	<0.281	<0.252
1,2,4-Trimethylbenzene	160		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252
1,3,5-Trimethylbenzene	970		<1.17	<1.16	<1.13	<1.20	<0.281	<0.252

Notes:
Only chemicals of concern measured in one or more samples are shown on the ta
Detected results are shown in **Bold**.
Highlighted results exceed the Direct Contact Standard.
VAP - Voluntary Action Program.
NS - No standard available.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
217 SOUTH 21ST STREET
NEWARK, OHIO
066940.00.04A.007

Parameters	UPUS	Sample ID (Depth)	MW1	MW1-D	MW2	MW3	MW5	MW6	MW7	MW8	MW9	MW10	MW11	DUP-1 (MW11)	MW12	MW13	MW14	MW15	MW16	MW17	MW18	Trip Blank	Trip Blank
		Date Collected	9/11/2014	9/8/2014	9/8/2014	9/10/2014	9/10/2014	9/10/2014	9/10/2014	9/9/2014	9/9/2014	9/10/2014	9/9/2014	9/9/2014	9/9/2014	9/10/2014	9/10/2014	9/10/2014	9/10/2014	9/9/2014	9/10/2014	9/8/2014	9/9/2014
Volatile Organic Compounds (VOCs)																							
Bromodichloromethane	80		<5.00	**0.320**	<5.00	<5.00	<5.00	<500	<5.00	<500	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Carbon Disulfide	720		<20.0	<20.0	<20.0	<20.0	<20.0	<2000	<20.0	<2000	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20000	<2000	<20.0	<200	<20.0	<5.00	**1.05**
Chloroform	80		**0.32**	**0.740**	<5.00	<5.00	<5.00	<500	<5.00	<500	**3.52**	<5.00	<5.00	<5.00	<5.00	**1.01**	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Chlorobenzene	100		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**0.98**	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Dibromochloromethane	80		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	<5.00	<5.00	<5.00	<5.00	**0.27**	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
cis-1,2-Dichloroethene	**100**		<5.00	<5.00	<5.00	<5.00	<5.00	**64**	<5.00	**182**	**85.2**	**1.71**	**1.31**	**0.970**	<5.00	<5.00	**430**	**104**	**0.49**	**504**	<5.00	<1.00	<5.00
trans-1,2-Dichloroethene	100		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**1.4**	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	**25.9**	<5.00	<1.00	<5.00
1,1-Dichloroethane	**24**		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	**53**	**19.6**	**2.25**	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	**75.2**	<5.00	<2.00	<5.00
1,1-Dichloroethene	7		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**1.42**	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Ethylbenzene	700		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**0.47**	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Methyl tert-Butyl Ether	120		<10.0	<10.0	<10.0	<10.0	<10.0	<1000	<10.0	**26**	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10000	<1000	<10.0	<100	<10.0	<10.0	<10.0
1,1,1,2-Tetrachloroethane	**0.66**		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**2.33**	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Tetrachloroethene	**5**		**0.88**	**0.320**	<5.00	**5.46**	<5.00	**215**	**4.19**	<500	**17,600**	<5.00	**5.02**	**5.14**	<5.00	**0.55**	**40,100**	<500	**9.54**	<50.0	<5.00	<2.00	<5.00
Toluene	1,000		<5.00	<5.00	<5.00	<5.00	<5.00	**56**	<5.00	**130**	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	**43**	<5.00	**22**	<5.00	<1.00	<5.00
1,1,1-Trichloroethane	200		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**33**	**66.2**	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
1,1,2-Trichloroethane	5		<5.00	<5.00	<5.00	<5.00	<5.00	<500	<5.00	<500	**0.97**	<5.00	<5.00	<5.00	<5.00	<5.00	<5000	<500	<5.00	<50.0	<5.00	<1.00	<5.00
Trichloroethene	**5**		**0.60**	<5.00	<5.00	**1.81**	<5.00	**2,140**	**16**	**1,450**	**182**	**67.9**	**8.7**	**8.88**	<5.00	**0.98**	**5,050**	**3,970**	**120**	**243**	**0.70**	<2.00	<5.00

Notes:
Only chemicals of concern measured in one or more samples are shown in the table.
UPUS - Unrestricted Potable Use Standard
Detected results are shown in **E**
Highlighted results exceed the Unrestricted Potable Use Standard.

TABLE 3
ADDITIONAL MW9 RESULTS
217 SOUTH 21ST STREET
NEWARK, OHIO
066940.00.04A.007

Parameters	Units	MW9
		9/9/2014
Iron	mg/liter	**2.08**
Manganese	mg/liter	**0.52**
Total Alkalinity	mg/liter	**303**
Nitrite	mg/liter	**<0.0281**
Nitrate	mg/liter	**1.35**
Sulfate	mg/liter	**112**
Total Organic Carbon	mg/liter	**2.48**

APPENDIX A

SAMPLING AND ANALYSIS PLAN

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above ground storage tank
air quality
asbestos/lead-based paint
baseline environmental assessment
brownfield redevelopment
building/infrastructure restoration
caisson/piles
coatings
concrete
construction materials services
corrosion
dewatering
drilling
due care analysis
earth retention system
environmental compliance
environmental site assessment
facility asset management
failure analyses
forensic engineering
foundation engineering
geodynamic/vibration
geophysical survey
geosynthetic
greyfield redevelopment
ground modification
hydrogeologic evaluation
industrial hygiene
indoor air quality/mold
instrumentation
masonry/stone
metals
nondestructive testing
pavement evaluation/design
property condition assessment
regulatory compliance
remediation
risk assessment
roof system management
sealants/waterproofing
settlement analysis
slope stability
storm water management
structural steel/welding
underground storage tank

SAMPLING AND ANALYSIS PLAN

SOUTH 21ST STREET PROPERTY
217 SOUTH 21ST STREET
NEWARK, LICKING COUNTY, OHIO

Prepared for City of Newark, Ohio
Cooperative Agreement # BF-00E01072-0

SME Project Number: 066940.00.04A.006
AUGUST 6, 2014

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Soil and Materials Engineers, Inc.

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- **Figure 1 – Property Location Map**
- **Figure 2 – Proposed Sample Location Plan**

TABLE:
- **Table 1**

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1.0 INTRODUCTION

The City of Newark, Ohio (the City) intends to support the redevelopment of the South 21st Street property located at 217 South 21st Street, in Newark, Ohio (the Property) through use of its United States Environmental Protection Agency (USEPA) Brownfields Assessment Grant for hazardous substances. USEPA confirmed eligibility on June 19, 2014, for the City to conduct assessment activities at the Property using the hazardous substances grant funds. Figure 1 is a Property Location Diagram. Figure 2 is a Property Features and Sample Location Diagram.

The Quality Assurance Project Plan (QAPP) for the City of Newark grant project was approved by the EPA on March 21, 2014. Soil and Materials Engineers, Inc. (SME) team members, environmental consultants for the City of Newark, prepared this Sampling and Analysis Plan (SAP) as a requirement of the U.S. EPA brownfields grant program. The objective of the environmental assessment is to further evaluate current environmental conditions to help determine remedial actions to support redevelopment of the Property. An adjoining property owner plans to purchase the Property and expand their operations onto the Property. Descriptions of the Property history and current environmental conditions; strategies and procedures for soil and groundwater sampling; chemical analyses of collected soil and groundwater samples; data evaluation; and reporting; and the estimated project schedule are presented in the following sections.

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2.0 SITE HISTORY, CURRENT CONDITIONS AND PLANNED SITE ASSESSMENT

2.1 Site History

The Property was first developed in the 1950s as residential. In the early 1960s an auto service and repair facility was located on the Property in addition to a residence. In the late 1960s a trucking company and the residence were located on the Property. From 1970 through circa 1997, a janitorial supply company was located on the Property and from 1997 through circa 2012, a warehousing firm, janitorial service companies, an antique dealer and a water-based coating manufacturer were located on the Property. The Property is currently vacant.

Soil, groundwater, and soil vapor contaminated with tetrachloroethene (PCE) and trichloroethene (TCE) and to a lesser degree their environmental daughter products was discovered during previous environmental assessments. In 2010 and 2011, Carnoustie Consulting conducted a Phase II Property Assessment in accordance with Ohio Environmental Protection Agency (Ohio EPA) Voluntary Action Program (VAP) rules. In 2011 and 2012, Tetra Tech EM Inc. (Tetra Tech) conducted a Phase II Environmental Site Assessment (ESA) to support a hydrogeological assessment of the Property that was being conducted by Hull & Associates, Inc. (Hull). Hull reportedly did not prepare a project report for their study, but analytical data from the assessment are available.

2.2 Current Conditions

The Property is approximately 1.5 acres of land developed with a residence and a commercial/industrial building. A warehouse, an office, a storage area, and a garage are located in the commercial/industrial building. The remainder of the Property is asphalt-paved parking, gravel-surfaced, and grass-covered areas.

2.3 Existing Data Gaps

SME and our subconsultant, Carnoustie Consulting, Ltd. (Carnoustie) reviewed the previous assessments and have determined that additional assessment is needed to address existing data gaps to help determine appropriate remedial action at the Property. We found the following data gaps that need further assessment:

- In soil, PCE and TCE contamination was found in SB2, located in the garage, and SB4, located in the warehouse. Lower levels of PCE and TCE were found in SB3 and SB5, which were both located in the warehouse. Soil samples from MW-9 were not analyzed by a laboratory, but based on the photoionization detector (PID)

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readings and the groundwater concentrations of PCE and TCE at this well we believe it may be located in or near a source area. Further assessment of the soil along the building walls of the warehouse, the storage area, and the garage is needed to evaluate if the building footers may be providing a preferential pathway for contamination. In addition, soil borings are needed in these areas of the building to lateral and vertical extent of soil that needs to be remediated.

- In groundwater, PCE and TCE were found at MW-9 and MW-6, and to a lesser extent, MW-7 and MW-8. Neither PCE nor TCE were detected at MW-12 or MW-13. Groundwater monitoring wells are needed on the northeast portion of the Property to help determine areal extent of contamination in the vicinity of MW-6, MW-7, MW-8, and MW-9.
- MW-12 was screened at 35 to 40 feet below ground surface (bgs) and MW-13 was screened at 20 to 40 feet bgs. Groundwater was measured in 2011 at depths of 13.18 feet bgs (MW-12) and 11.28 feet bgs (MW-13). MW-8, which was located approximately 15 feet northwest of MW-12, was screened in sand at 10 to 20 feet bgs. Although the boring logs show that MW-8, MW-12, and MW-13 were all screened in sand and gravel, it is possible that a confining layer is present that is preventing migration of contamination to the groundwater zone that MW-12 and MW-13 are screened in. A monitoring well screened in the same interval as MW-8 is needed near MW-12 and MW-13 to help determine if contamination is present in the shallower groundwater zone at these wells.

Soil vapor was previously assessed at the Property in the Carnoustie Phase II Property Assessment. In soil vapor, PCE was detected at concentrations up to 649,000 $\mu g/m^3$ beneath the building slab, and at concentrations up to 270,000 $\mu g/m^3$ at locations outside the building footprint on the south side of the Property. The existing buildings will likely be demolished as part of the redevelopment of the Property and the soil contamination will be remediated either by removal, in-situ treatment, or a combination of both. Groundwater contamination will likely be addressed by institutional controls. Further assessment of soil vapor is not needed to help determine appropriate remedial action, therefore, the planned site assessment does not include soil vapor sampling.

2.4 Planned Site Assessment

An adjoining property owner is evaluating plans to purchase the Property and expand their operations onto the Property. The assessment activities described in this SAP are designed to further evaluate the environmental conditions of the Property to help determine remedial options at the Property to support redevelopment of the Property. This goal will be achieved by conducting soil and groundwater sampling on the Property.

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3.0 SAMPLING PLAN

The following sections describe sampling locations and rationales and descriptions of procedures and methods for sampling. A summary of the proposed soil, soil gas, and groundwater samples is presented in Table 1. The proposed sampling locations are depicted on Figure 2.

3.1 Summary of Sampling Locations

We will advance up to 22 soil borings (SB6 through SB27) at locations shown on Figure 2. Borings SB6 through SB11 will be advanced to a depth 5 feet beyond the apparent vertical extent of contamination as indicated by field measurements and observations or to the depth of probe refusal (whichever occurs first). Borings SB12 through SB27 will be advanced to an approximate depth of 20 feet bgs or probe refusal (whichever occurs first). We will install five groundwater monitoring wells (MW14 through MW18) at locations shown on Figure 2. We anticipate that monitoring wells MW14 through MW16 will be screened at approximately 15 to 25 feet bgs so that they are screened in the same groundwater zone as the existing MW-6 through MW-9. The soil boring at MW17 will be advanced to an approximate depth of 40 feet bgs because this is the terminal depth of the nearby existing well MW-12. However, we anticipate that MW17 will screened at approximately 10 to 20 feet bgs so that it is screened in the same groundwater zone as the existing MW-8. We anticipate that MW18 will be screened at approximately 10 to 20 feet bgs so that we can assess the shallow groundwater zone in the area of MW-13. The existing well at MW-13 is screened at approximately 20 to 40 feet bgs and no chlorinated solvents were detected in the groundwater.

Soil samples will be collected from soil borings SB6 through SB27. Soil samples will only be collected at the monitoring well locations if there are indications of impact. Soil samples will be collected for visual classification, field screening, and laboratory analyses. We will collect groundwater samples from all existing wells to determine current groundwater concentrations. Groundwater from monitoring well MW-9 will also be analyzed for total dissolved iron, sulfate, and total organic carbon (TOC) to help determine remedial options. Location-specific sampling objectives are summarized on Table 1.

3.2 Sampling Procedures and Methods

We will advance the soil borings and install the monitoring wells using direct-push drilling. Soil samples will be collected at each boring location for visual classification, field screening, and possible laboratory analyses.

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A Quality Assurance Project Plan (QAPP) for the City of Newark grant program was approved by the EPA on March 21, 2014. Sampling procedures and methods will be conducted in accordance with the approved QAPP.

3.2.1 Soil and Groundwater Sampling

Soil and groundwater samples will be collected during sampling activities according to the methods described in SME's SOP 1, *Soil and Groundwater Sampling Using Direct-Push Methods* and SOP 5, *Low-Flow (Minimal Drawdown) Sampling* included in the QAPP. Field measurements for pH, oxidation reduction potential (ORP), and dissolved oxygen will be obtained during groundwater sampling. Details of our proposed drilling and sampling activities are shown on Table 1.

3.2.2 Sampling Quality Control/Quality Assurance

QA/QC samples will be collected as described in SOP 6, *Field Quality Control Samples*, included in the project QAPP. A summary of the QA/QC samples for soil and groundwater is presented in Table 1.

3.2.3 Waste Management

Investigation derived wastes will be handled as described in SOP 12, *Investigated Derived Wastes*, included in the project QAPP.

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4.0 ANALYSIS PLAN

The target analytes for this assessment were selected based on the project goal of determining the lateral and vertical extent of soil contamination and the areal extent of groundwater contamination to help determine remedial options. The specific analytes for each sampling location are presented in Table 1.

Laboratory analyses and field screening will be performed as described in the project QAPP. Belmont Labs (Belmont) will analyze the soil and groundwater samples using the following United States Environmental Protection Agency (U.S. EPA) methods:

- VOCs (soil and groundwater) – USEPA Method 8260
- Total dissolved iron (groundwater, MW-9 only) – USEPA Method 6010
- Sulfate (groundwater, MW-9 only) – Standard Method 5310C.
- Alkalinity (groundwater, MW-9 only) – Standard Method 2320B
- Nitrate (groundwater, MW-9 only) – Standard Method 4500NO3-F
- Manganese (groundwater, MW-9 only) – USEPA Method 6010
- Total organic carbon (groundwater, MW-9 only) – Standard Method 5310C

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5.0 DATA EVALUATION AND REPORTING

Data collected during this site assessment will be evaluated as described in Section 4.0 - Data Verification/Validation and Usability of the project QAPP. Following data review, verification, and validation, SME will prepare a summary report. The report will include details of the activities performed, procedures followed, and results. The report will include a sampling location diagram, tabulated analytical results, soil boring logs, a copy of the laboratory analytical report for all samples collected, and a copy of the chain-of-custody (COC) records.

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6.0 ESTIMATED SCHEDULE

The environmental activities described in this SAP are to be implemented according to the schedule presented below. This schedule is in weeks relative to EPA approval of the final SAP.

- Field sampling..... Week 2 and 3
- Laboratory analyses..... Week 4 and 5
- Data evaluation and reporting.....Week 6 through 8

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ATTACHMENTS

Figure 1 – Property Location Map

Figure 2 – Proposed Sample Location Plan

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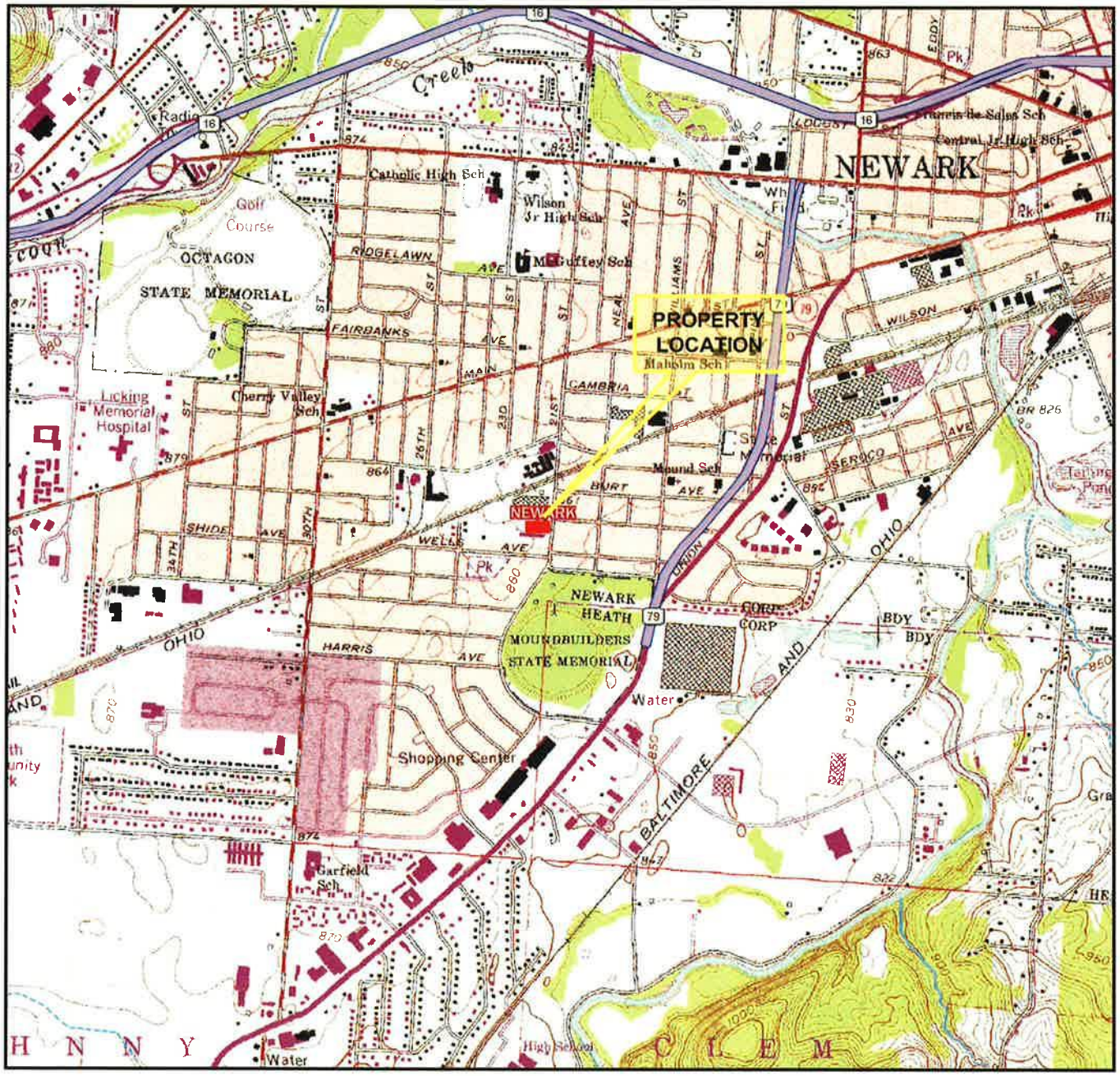


Base map obtained from ©DeLorme Topo North America ™10.

LEGEND

APPROXIMATE PROPERTY LOCATION

USGS QUADRANGLE(s) REFERENCED

NEWARK (OH), 1984

0' 2000'

SCALE: 1" = 2000'

NORTH

Jul 07, 2014 - 2:05pm - preinesberger \\Smefile\work in progress\066940.00\CAD\066940.00.04A.006\066940.00.04A.006 FIG1.dwg

sme

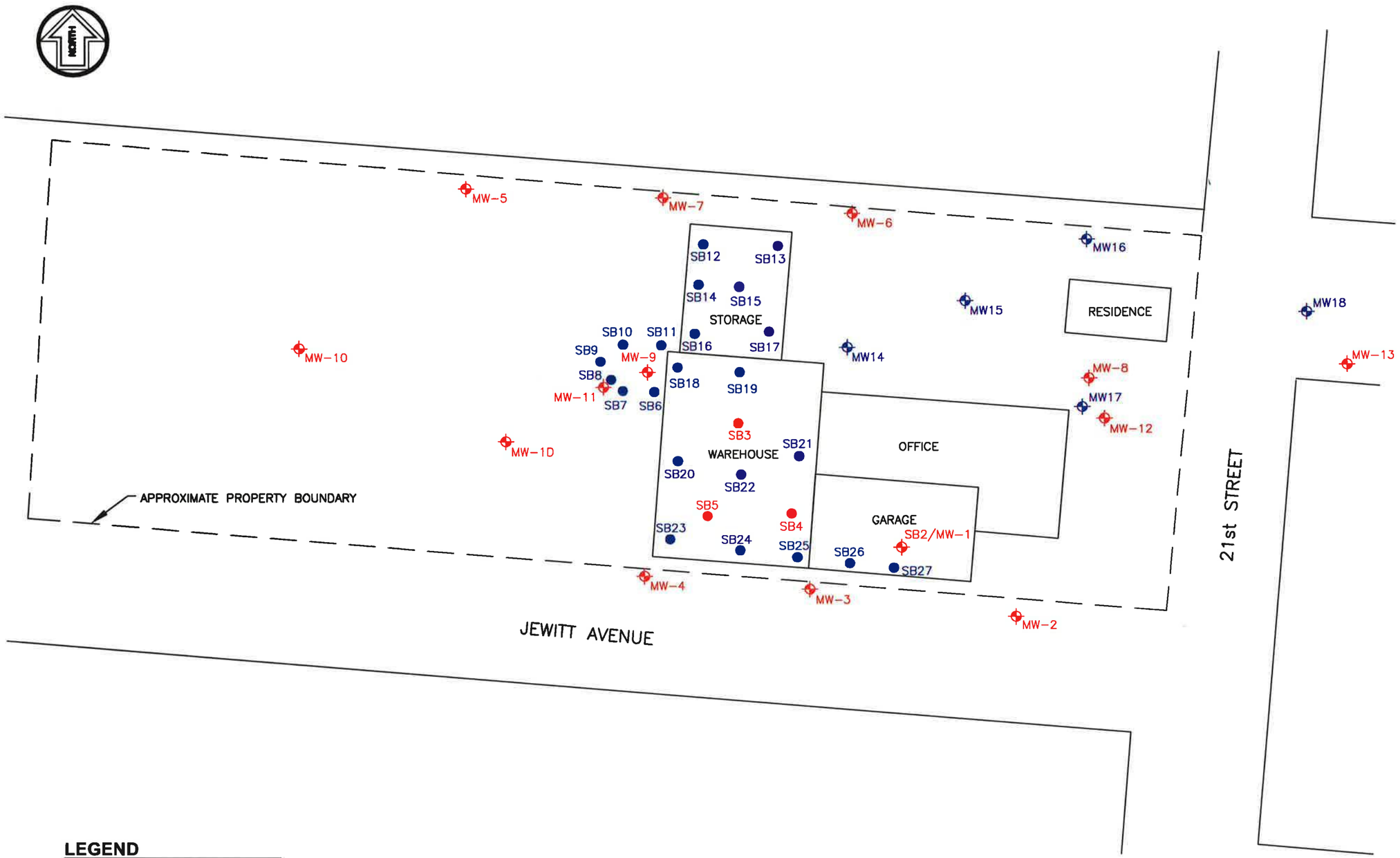
www.sme-usa.com

Indiana
Michigan
Ohio

Date	07/07/14
Drawn By	HRP
Scale	1" = 2000'
Project	066940.00.04A.006

PROPERTY LOCATION MAP
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

Figure No. 1



LEGEND

- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING
- PROPOSED SOIL BORING
- PROPOSED MONITORING WELL

0' 40' 80'

GRAPHIC SCALE: 1" = 40'

No.	Revision Date

SAMPLE LOCATION DIAGRAM
SOUTH 21st STREET PROPERTY
217 SOUTH 21st STREET
NEWARK, OHIO

Date	07/24/14
Drawn By	HRP
Designed By	AMW
Scale	1" = 40'
Project	066940.00.04A.006

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\\Smefile\work in progress\066940.00\CAD\066940.00.04A.006\066940.00.04A.006-FIG2.dwg

Figure No. 2

TABLE

Table 1

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TABLE 1
PROPOSED SAMPLE COLLECTION AND ANALYSES
SOUTH 21ST STREET PROPERTY
NEWARK, OHIO
SME PROJECT NO: 066940.00.04A.006

Media	Boring ID	Boring Depth (feet)	Sample Target Depth (feet)	Purpose	COCs	
					VOCs	Additional Constituents[1]
Soil	SB6 through SB11	5 feet beyond vertical extent of apparent contamination	Dependent on vertical extent of apparent contamination	Further determine lateral and vertical extent of soil contaminated with VOCs.	22	
	SB12 through SB27	20 feet	0-12 feet bgs			
Groundwater	MW-1 through MW-13	NA - existing wells	NS	Determine current contaminant concentrations.	14	1 (MW-9 only)
	MW14 through MW18	varies*	NS	Further determine areal extent of groundwater contaminated with VOCs.	5	
Subtotals	SUBTOTALS					
	Soil				22	
	Groundwater				19	1
QA/QC Samples	Trip Blank			Methanol	1	
				Groundwater	1	
	Equipment Blank			Groundwater	1	
	Duplicate			Soil	2	
				Groundwater	1	

Notes

NS - No soil samples will be collected for analysis unless there is field evidence of contamination.

VOCs = Volatile Organic Compounds

[1]Additional constituents for laboratory analysis include alkalinity, nitrate, manganese, iron, sulfate, and total organic carbon.

*We anticipate that the soil borings where MW14 through MW16 will be installed will be advanced to a terminal depth of 25 feet below ground surface (bgs) and screened between 15 and 25 feet bgs. The soil boring where MW17 will be installed will be drilled to a depth of 40 feet bgs and the monitoring well at this location will be screened between 10 and 20 feet bgs. The soil boring where MW18 will be installed will be drilled to a terminal depth of 20 feet and will be screened at 10 to 20 feet bgs.

APPENDIX B

SOIL BORING LOGS

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BORING SB 6

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.5 TOPSOIL					
	FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS1	24	<1		
	4.0			<1		
5		LS2	12	<1		
				<1		
	Fine to Medium SAND with Gravel- Brown- Moist (SP)	LS3	33	4.3		
10				19.2		
		LS4	33	14.0		
15	16.0			27.0		
	Fine to Coarse SAND- Trace Gravel- Brown- Changes to Gray at 20 Feet- Wet (SP)	LS5	33	11.2		
				35.4		
20		LS6	46	2.7		
				<1		
25	26.0	LS7	44	5.9		
	Fine to Medium SAND- Gray- Wet (SP)			5.0		
	28.0					
	END OF BORING AT 28.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB 7

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.5 TOPSOIL					
	FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS1	24	1.5		
				<1		
5		LS2	11	<1		
	7.8			<1		
10	Fine to Medium SAND with Gravel- Brown- Changes to Gray at 20 Feet- Wet (SP)	LS3	31	18.4		
				8.8		
		LS4	31	47.1		
15 ▽				20.6		
		LS5	30	4.0		
20				6.1		
		LS6	36	1.2		
				<1		
25	25.0			18.6		
	Fine SAND with Silt- Gray- Wet (SP-SM)	LS7	34	2.4		
	28.0					
	END OF BORING AT 28.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB 8

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.5 TOPSOIL					
	FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC) 2.0	LS1	22	<1		
				<1		
5		LS2	33	1.7		
				8.7		
	Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)	LS3	32	26.6		
10				34.5		
		LS4	29	141		
15				93.7		
	17.0 17.5 Fine SAND with Silt- Brown- Wet (SP-SM)	LS5	33	16.7		
				17.8		
20		LS6	46	<1		
	Fine to Medium SAND with Gravel- Brown- Changes to Gray at 20 Feet- Brown- Wet (SP)			1.5		
25		LS7	46	95.6		
	27.0 28.0 Fine SAND with Silt- Gray- Wet (SP-SM)			6.1		
	END OF BORING AT 28.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB 9

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.5 TOPSOIL					
	FILL- Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC) 2.0	LS1	20	<1		
				<1		
5		LS2	26	<1		
				1.8		
10	Fine to Medium GRAVELLY SAND- Brown- Moist to Wet (GP)	LS3	19	101		
				74.2		
		LS4	35	62.3		
15 ▽				36.6		
		LS5	30	32.6		
	19.8			6.5		
20	Fine to Coarse SAND- Brown- Wet (SP)	LS6	34	<1		
	24.0			132		Odors were noted from 22 feet to 24 feet below ground surface.
25	Fine to Medium GRAVELLY SAND- Gray- Wet (GP) 26.0	LS7	46	41.5		
	Fine to Medium SAND- Trace Gravel- Gray- Wet (SP) 28.0			<1		
	END OF BORING AT 28.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No staining was observed.

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BORING SB10

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.5 TOPSOIL					
	FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS1	11	<1		
				<1		
5	6.0	LS2	25	1.6		
				3.2		
10		LS3	32	9.6		
				17.8		
	Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)	LS4	32	46.8		
15 ▽				82.6		
		LS5	33	74.0		
	19.8			59.7		
20	Fine to Coarse SAND- Gray- Wet (SP)	LS6	30	26.5		
				247		Odors were noted from 22 feet to 24 feet below ground surface.
	23.8					
	24.0 Fine SAND with Silt- Gray- Wet (SP-SM)					
25	Fine to Medium SAND with Gravel- Gray- Wet (SP)	LS7	12	124		
				21.0		
	28.0					
	END OF BORING AT 28.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No staining was observed.

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BORING SB11

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.5 TOPSOIL					
	FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS1	14	<1, <1		
	3.5					
5	Fine to Medium SAND with Gravel- Brown- Moist (SP)	LS2	31	1.1, 2.6		
10		LS3	29	18.3, 18.2		
		LS4	31	120, 147		
15	15.5					
▽	16.0 Fine to Medium SAND- Brown- Moist (SP)					
		LS5	34	13.4, 49.0		
20	Fine to Medium SAND with Gravel- Brown- Changes to Gray at 20 Feet- Wet (SP)	LS6	30	366, 197		Odors were noted from 20 feet to 26 feet below ground surface.
25		LS7	40	235, 22.0		
	27.5					
	Fine SAND with Silt- Gray- Wet (SP-SM)		22	5.3		
	29.5					
30	30.0 Fine to Medium SAND with Gravel- Gray- Wet (GP)					
	END OF BORING AT 30.0 FEET.					
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No staining was observed.

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BORING SB12

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 PORTLAND CEMENT CONCRETE					
	FILL- SAND with Silt- Gray to Brown- Moist (SP-SM) 2.0	LS1	30	<1 5.8		
5	Fine to Coarse SAND with Silt and Gravel- Dark Brown to Brown- Moist (SP-SM) 8.0	LS2	24	22.9 43.5		
10	Fine to Coarse SAND with Gravel- Brown to Dark Brown- Moist (GP) 11.0	LS3	22	116 308		
	END OF BORING AT 11.0 FEET.					Refusal at 11 feet due to tight gravel.
15						
20						
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

GROUNDWATER WAS NOT ENCOUNTERED

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB13

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 PORTLAND CEMENT CONCRETE					
	FILL- Lean CLAY with Gravel- Dark Brown (CL)	LS1	18	<1		
	3.0			5.4		
5	Fine to Coarse SAND with Silt- Gray to Brown- Moist (SP-SM)	LS2	12	3.8		
	8.0			5.4		
10	Fine to Coarse SAND with Gravel and Silt- 6 Inch Fine to Medium Sand Layer and Reddish at 11 Feet- Brown to Gray- Moist to Wet (SP)	LS3	14	48.4		
				6.8		
		LS4	20	80.7		
15				106		
	17.0					
	18.0 Fine to Coarse SAND with Gravel- Moist (SP)	LS5	24	233		
	END OF BORING AT 18.0 FEET.					
20						
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB14

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 PORTLAND CEMENT CONCRETE					
	FILL- SAND with Silt and Occasional Sandstone Fragments- Gray to Brown- Moist (SP-SM)	LS1	30	<1 4.8		
	3.5					
5	Fine to Coarse SAND with Silt and Gravel- Dark Brown to Brown- Moist (SP)	LS2	22	40.5 79.2		
	9.0					
10	Fine to Coarse SAND with Gravel and Silt- Brown to Dark Brown- Moist (SP)	LS3	28	49.5 19.2		
		LS4	34	109		
	15.0			1,432		
15	END OF BORING AT 15.0 FEET.					Refusal at 15 feet due to tight gravel.
20						
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

GROUNDWATER WAS NOT ENCOUNTERED

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB15

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 PORTLAND CEMENT CONCRETE					
	FILL- LEAN CLAY- Trace Gravel- Dark Brown (CL)	LS1	20	5.4		
	3.0			17.0		
5	Fine to Coarse SAND with Silt- Gray to Brown- Moist (SP-SM)	LS2	20	22.0		
				43.4		
		LS3	22	33.5		
10				419	◢	
	12.0					
	Fine to Coarse SAND- Trace Gravel- Brown to Gray- Moist to Wet (SP)	LS4	24	215		
15				109		
▽		LS5	24	225		
	18.0 Fine to Medium SAND with Silt- Trace Gravel- Brown- Wet (SP-SM)					
	19.0			280		
20	20.0 Fine to Coarse SAND- Trace Gravel- Brown- Wet (SP)					
	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	17.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB16

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0		0.5 TOPSOIL					
		FILL- Lean Clay- Trace Gravel- Brown to Dark Brown (CL) 2.0			<1		
			LS1	36	<1		
5					5.8		
			LS2	24	14.3		
		Fine to Medium SAND with Silt- Brown to Dark Brown- Moist (SP-SM)			15.9		
10			LS3	28	43.9		
			LS4	14	105		
15		15.0			223		
		END OF BORING AT 15.0 FEET.					Refusal at 15 feet.
20							
25							
30							
35							

GROUNDWATER & BACKFILL INFORMATION

GROUNDWATER WAS NOT ENCOUNTERED

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB17

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	FILL- LEAN CLAY Trace Gravel- Dark Brown (CL)	LS1	36	<1		
				<1		
3.5	Fine to Coarse SAND with Silt- Gray to Brown- Moist (SP-SM)	LS2	28	5.8		
				9.9		
		LS3	24	49.8		
				25.3		
12.0	Fine to Coars SAND with Gravel- Brown to Gray- Moist to Wet (SP)	LS4	28	4.0		
				107		
		LS5	18	112		
18.0	Fine to Medium SAND with Silt- Trace Gravel- Brown- Wet (SP-SM)			540		
20.0	END OF BORING AT 20.0 FEET.					

5, 10, 15, 20, 25, 30, 35

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.5

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB18

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE					
	FILL- Fine CLAYEY SAND- Brown- Moist (SC)	LS1	48	<1		
	3.0 Fine to Coarse SAND with Silt- Brown- Moist to Wet (SP-SM)			5.36		
4.0						
5		LS2	26	4.8		
				27.9		
		LS3	22	30.5		
10	Fine to Coarse SAND with Gravel and Silt- Brown- Moist- Wet (SP)			42.8		
		LS4	28	48.9		
15				38.4		
▽		LS5	20	44.5		
	19.0			289		
	END OF BORING AT 19.0 FEET.					
20						
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	17.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB19

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE					
	FILL- Fine CLAYEY SAND- Brown- Moist (SC)	LS1	36	5.0		
	4.0			<1		
5	Fine to Coarse SAND with Gravel- Brown- Moist (SP)	LS2	24	48.7		
	6.0			23.0		
10	Fine to Coarse SAND with Silt and Occasional Rock Fragments- Brown (SP-SM)	LS3	24	16.7		
	12.0			7.7		
15	Fine to Coarse SAND with Gravel- Brown to Gray- Moist to Wet (SP)	LS4	28	226.3		
				43.5		
▽		LS5	24	68.4		
	19.0			42.6		
20	END OF BORING AT 19.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	17.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB20

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/4/14 **COMPLETED:** 9/4/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE					
	1.5 FILL- SAND with Gravel- Trace Concrete and Brick- Brown- Moist (SP)			1.6		
	2.5 Fine to Medium CLAYEY SAND- Trace Gravel- brown- Moist (SC)	LS1	3	1.6		
5				<1		
		LS2	6	<1		
				1.2		
10	Fine to Medium SAND with Gravel- Brown- Moist to Wet (GP)	LS3	6	1.2		
				12.4		
		LS4	22			
15 ▽				5.6		
				3.4		
		LS5	21	<1		
	20.0					
20	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB21

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/4/14 **COMPLETED:** 9/4/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE					
	FILL-SAND with Gravel- Brown- Moist (SP)			<1		
	2.0	LS1	32			
				<1		
5				<1		
	Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS2	8			
				<1		
				<1		
10		LS3	9			
				<1		
	12.0					
				3.5		
	Fine to Coarse SAND with Silt- Trace Gravel- Brown to Gray- Moist (SP-SM)	LS4	24	6		
	15.0			4.0		
15	END OF BORING AT 15.0 FEET.					
20						
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

GROUNDWATER WAS NOT ENCOUNTERED

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB22

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/4/14 **COMPLETED:** 9/4/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0		0.4 PORTLAND CEMENT CONCRETE					
		1.5 FILL- SAND with Gravel- Brown- Moist (SP)			<1		
			LS1	34	<1		
5		Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS2	15	<1		
					<1		
					<1		
10			LS3	14			
		11.5			1.9		
					2.4		
			LS4	16			
15		Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)			3.7		
▽					4.6		
			LS5	26			
					2.3		
20		20.0 END OF BORING AT 20.0 FEET.					
25							
30							
35							

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed,

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BORING SB23

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/4/14 **COMPLETED:** 9/4/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE					
	FILL- SAND with Gravel- Brown- Moist (SP) 1.8	LS1	31	<1		
				<1		
5	FILL- Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS2	10	<1		
	8.0			<1		
	FILL- Fine to Medium SAND with Gravel- Trace Gravel and Concrete- Dark Brown- Moist (SP) 11.5	LS3	17	<1		
10	12.0 Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)			1.4		
		LS4	17	6.8		
15	Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)			7.8		
		LS5	23	5.3		
	20.0			1.8		
20	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB24

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/4/14 **COMPLETED:** 9/4/14
BORING METHOD: Direct Push
OPERATOR: SME **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE			2.4		
	FILL- SAND- Brown- Moist (SP)	LS1	36	1.7		
	4.0					
5	Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS2	22	2.2		
	7.0			1.8		
	7.5 FILL- Fine to Medium SAND- Trace Concrete- Dark brown- Moist (SP)					
	8.0 FILL- Brick			<1		
10	Fine to Medium CLAYEY SAND- Brown- Moist (SC)	LS3	20	<1		
	12.0					
		LS4	22	1.9		
15	Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)			1.9		
		LS5	21	<1		
	20.0			<1		
20	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB25

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/4/14 **COMPLETED:** 9/4/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.4 PORTLAND CEMENT CONCRETE					
	FILL- SAND with Gravel- Brown- Moist (SP)	LS1	31	<1		
	3.5			<1		
	4.0 LEAN CLAY- Trace Gravel- Brown (CL)					
5	Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS2	15	<1		
	8.0			<1		
10	Fine to Coarse SAND- Trace Gravel- Brown- Moist (SP)	LS3	12	<1		
				<1		
		LS4	17	4.5		
15	16.0			3.2		
	Fine to Medium SAND with Gravel- Brown- Wet (SP)	LS5	14	9.5		
	20.0			3.6		
20	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB26

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 PORTLAND CEMENT CONCRETE					
	1.5 FILL- SAND with Organics- Black- Moist (SP)			<1		
	2.5 Fine to Medium SAND with Silt- Light Brown- Moist (SP-SM)	LS1	36	<1		
5		LS2	24	<1		
				<1		
		LS3	26	4.3		
10	Fine to Coarse SAND- Light Brown to Gray- Moist to Wet (SP)			6.0	◢	
▽		LS4	22	<1		
15				<1		
		LS5	28	<1		
				<1		
20	20.0 END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	13.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB27

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/5/14 **COMPLETED:** 9/5/14 **BORING METHOD:** Direct Push
OPERATOR: SME **RIG NO.:** ATV **LOGGED BY:** DJM **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 PORTLAND CEMENT CONCRETE					
	FILL- SAND with Silt and Gravel- Brown to Light Brown- Moist (SM-GM)	LS1	40	<1, <1		
5	5.0	LS2	28	<1, <1		
10	Fine to Coarse SAND with Gravel- Light Brown to Gray- Moist (SP)	LS3	20	3.5, 3.0	◢	
▽ 15		LS4	20	<1, <1		
		LS5	22	<1, <1		
20	20.0 END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	14.0

BACKFILL METHOD: Soil Cuttings

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB-MW14

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.8 TOPSOIL					
	FILL- Fine to Medium SAND with Gravel- Brown- Moist (SP)	LS1	21	<1, <1		
5		LS2	31	<1, <1		
10	11.5	LS3	36	<1, <1		
	12.0 Fine to Medium SAND with Silt- Brown- Moist (SP-SM)	LS4	33	3.4, 2.1		
15 ∇	Fine to Medium SAND with Gravel- Brown- Changes to Gray at 20 Feet- Moist to Wet (SP)	LS5	40	4.0, 8.2		
20	22.0	LS6	42	<1, 3.0		
	Fine to Coarse SAND- Gray- Wet (SP)	LS7	22	<1		
25	26.0					
	END OF BORING AT 26.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
∇ **DURING BORING:**	16.0

BACKFILL METHOD: Well

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
2. No odors were noted and no staining was observed.

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BORING SB-MW15

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	FILL- Fine to Medium SAND with Gravel- Brown- Moist (SP)	LS1	16	<1, <1		
3.8	Fine to Medium CLAYEY SAND- Dark Brown- Moist (SC)					
5.0	Fine to Medium SAND with Gravel- Brown- Changes to Gray at 19.75- Moist to Wet (SP)	LS2	15	<1, <1		
10		LS3	31	<1, <1		
15		LS4	30	<1, <1		
▽		LS5	27	<1, <1		
20		LS6	29	<1, <1		
24.0						
25.0	Fine to Medium SAND- Gray- Wet (SP)	LS7	30	<1		
25	END OF BORING AT 25.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Well

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB-MW16

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14
BORING METHOD: Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV
LOGGED BY: LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	FILL- Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)	LS1	26	<1, <1		
5.0		LS2	30	<1, <1		
10	Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)	LS3	31	<1, <1		
15		LS4	30	<1, <1		
19.8		LS5	31	<1, <1		
20	Fine to Coarse SAND- Brown- Wet (SP)	LS6	31	<1, <1		
25.0		LS7	10	<1		
25	END OF BORING AT 25.0 FEET.					
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

BACKFILL METHOD: Well

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB-MW17

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 ASPHALT CONCRETE					
	1.0 FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC)			<1		
	Fine to Medium SAND- Trace Gravel- Brown- Moist (SP)	LS1	27	<1		
	4.5					
5	5.5 LEAN CLAY- Trace Gravel- Brown (CL)			<1		
		LS2	21	<1		
	Fine to Medium SAND- Trace Gravel- Brown- Moist (SP)			<1		
10		LS3	25	<1		
▽	12.0					
				<1		
		LS4	29	<1		
15	Fine to Medium SAND with Gravel- Brown- Changes to Gray at 16 Feet- Wet (SP)			<1		
		LS5	30	<1		
	19.5					
20	20.0 Fine to Medium SAND- Trace Gravel- Gray- Wet (SP)					
	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	12.0

BACKFILL METHOD: Well

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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BORING SB-MW18

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

SURFACE ELEVATION: Not Surveyed

DEPTH (FEET)	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	RECOVERY (inches)	PID (ppm)	SOIL ANALYTICAL SAMPLE	REMARKS
0	0.3 ASPHALT CONCRETE					
	FILL- LEAN CLAY- Gray (CL)	LS1	22	<1, <1		
	3.8					
5	Fine to Medium CLAYEY SAND- Trace Gravel- Gray- Moist to Wet (SC)	LS2	12	<1, <1		
∇						
10		LS3	10	<1, <1		
	11.8					
	Fine to Medium SAND with Gravel- Gray- Wet (SP)	LS4	31	<1, <1		
15	16.0					
	Fine to Coarse SAND- Brown- Wet (SP)	LS5	39	<1, <1		
20	20.0					
	END OF BORING AT 20.0 FEET.					
25						
30						
35						

GROUNDWATER & BACKFILL INFORMATION

	DEPTH (FT)
∇ **DURING BORING:**	8.0

BACKFILL METHOD: Well

NOTES:
1. Soil samples were classified according to ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) for environmental purposes only. Therefore, the boring logs and associated report(s) should not be used for geotechnical evaluation or design.
2. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
3. No odors were noted and no staining was observed.

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WELL MW14

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	PID (ppm)	WELL DIAGRAM	REMARKS
0	0.8	TOPSOIL		6-inch diameter flush-mount protective casing Concrete to set casing	
		FILL- Fine to Medium SAND with Gravel- Brown- Moist (SP)	<1 <1 <1 <1 <1 <1	Bentonite backfill	
5					
10	11.5				
	12.0	Fine to Medium SAND with Silt- Brown- Moist (SP-SM)	3.4		
15		Fine to Medium SAND with Gravel- Brown- Changes to Gray at 20 Feet- Moist to Wet (SP)	2.1 4.0 8.2	No. 4 sand filter pack	
20				1-inch diameter Schedule 40 PVC 0.010 slotted well screen	
	22.0		<1		
25		Fine to Coarse SAND- Gray- Wet (SP)	3.0		
	26.0		<1	2-inch long end cap	
		END OF BORING AT 26.0 FEET.			
30					
35					

GROUNDWATER INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

WELL WATER LEVEL DATA

DATE	DEPTH (FT)

NOTES:
1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
2. No odors were noted and no staining was observed.
3. At approximately 18 feet below grade, the surrounding native sand collapsed around the well screen.

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WELL MW15

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	WELL DIAGRAM	REMARKS
0		FILL- Fine to Medium SAND with Gravel- Brown- Moist (SP)	6-inch diameter flush-mount protective casing Concrete to set casing	
3.8		Fine to Medium CLAYEY SAND- Dark Brown- Moist (SC)		
5.0			Bentonite backfill	
5				
10				
15		Fine to Medium SAND with Gravel- Brown- Changes to Gray at 19.75- Moist to Wet (SP)	No. 4 sand filter pack	
20			1-inch diameter Schedule 40 PVC 0.010-slotted well screen	
24.0				
25.0		Fine to Medium SAND- Gray- Wet (SP)	2-inch long end cap	
25		END OF BORING AT 25.0 FEET.		
30				
35				

GROUNDWATER INFORMATION

	DEPTH (FT)
∇ **DURING BORING:**	16.0

WELL WATER LEVEL DATA

DATE	DEPTH (FT)

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
2. No odors were noted and no staining was observed.

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WELL MW16

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio

DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	WELL DIAGRAM	REMARKS
0			6-inch diameter flush-mount protective casing Concrete to set casing	
		FILL- Fine to Medium CLAYEY SAND- Trace Gravel- Brown- Moist (SC)		
5.0				
5			Bentonite backfill	
10		Fine to Medium SAND with Gravel- Brown- Moist to Wet (SP)		
15 ▽			No. 4 sand filter pack	
19.8				
20			1-inch diameter Schedule 40 PVC 0.010-slotted well screen	
		Fine to Coarse SAND- Brown- Wet (SP)		
25.0			2-inch long end cap	
25		END OF BORING AT 25.0 FEET.		
30				
35				

GROUNDWATER INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	16.0

WELL WATER LEVEL DATA

DATE	DEPTH (FT)

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
2. No odors were noted and no staining was observed.

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michigan, ohio and indiana

WELL MW17

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/2/14 **COMPLETED:** 9/2/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	WELL DIAGRAM	REMARKS
0	0.3	ASPHALT CONCRETE	6-inch diameter flush-mount protective casing Concrete to set casing	
	1.0	FILL- CLAYEY SAND- Trace Gravel- Brown- Moist (SC)		
		Fine to Medium SAND- Trace Gravel- Brown- Moist (SP)		
	4.5		Bentonite backfill	
5	5.5	LEAN CLAY- Trace Gravel- Brown (CL)		
		Fine to Medium SAND- Trace Gravel- Brown- Moist (SP)		
10				
▽	12.0		No. 4 sand filter pack	
15		Fine to Medium SAND with Gravel- Brown- Changes to Gray at 16 Feet- Wet (SP)	1-inch diameter Schedule 40 PVC 0.010-slotted well screen	
	19.5			
20	20.0	Fine to Medium SAND- Trace Gravel- Gray- Wet (SP)	2-inch long end cap	
		END OF BORING AT 20.0 FEET.		
25				
30				
35				

GROUNDWATER INFORMATION

	DEPTH (FT)
▽ **DURING BORING:**	12.0

WELL WATER LEVEL DATA

DATE	DEPTH (FT)

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
2. No odors were noted and no staining was observed.

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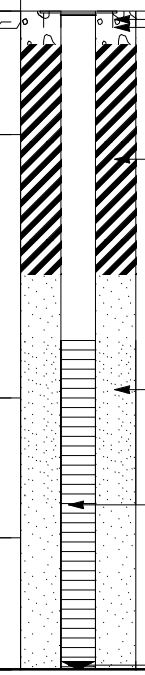
WELL MW18

PROJECT NAME: South 21st Street Property
PROJECT NUMBER: 066940.00.04A.006
CLIENT: City of Newark
PROJECT LOCATION: 217 South 21st Street, Newark, Ohio
DATE STARTED: 9/3/14 **COMPLETED:** 9/3/14 **BORING METHOD:** Direct Push
OPERATOR: Buckeye **RIG NO.:** ATV **LOGGED BY:** LEA **CHECKED BY:** AMW

DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	WELL DIAGRAM	REMARKS
0	0.3	ASPHALT CONCRETE	6-inch diameter flush-mount protective casing Concrete to set casing	
	3.8	FILL- LEAN CLAY- Gray (CL)	Bentonite backfill	
5		Fine to Medium CLAYEY SAND- Trace Gravel- Gray- Moist to Wet (SC)		
10	11.8		No. 4 sand filter pack	
		Fine to Medium SAND with Gravel- Gray- Wet (SP)	1-inch diameter Schedule 40 PVC 0.010-slotted well screen	
15	16.0			
		Fine to Coarse SAND- Brown- Wet (SP)		
20	20.0	END OF BORING AT 20.0 FEET.	2-inch long end cap	
25				
30				
35				



GROUNDWATER INFORMATION

	DEPTH (FT)
∇ **DURING BORING:**	8.0

WELL WATER LEVEL DATA

DATE	DEPTH (FT)

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
2. No odors were noted and no staining was observed.

APPENDIX C

LABORATORY DATA REPORTS

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Tuesday, September 16, 2014

Analytical Results

Ann Winegar

Soil and Materials Engineers, Inc. - Kirtland
9375 Chillicothe Road
Kirtland, OH 44094

TEL: (440) 256-6500

FAX -

RE: Ohio VAP Analysis 217 South 21st Street, Newark,O Work Order: 14I0129

Belmont Labs received 6 sample(s) on 9/3/2014 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Jason Lykins
Project Manager

Certifications: NELAP/NELAC - #04130 VAP - #CL0032
Ohio EPA Drinking water - #836 Ohio EPA Drinking water (Micro) - #872

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0129

Work Order Sample Summary

The results of analyses performed on the following samples submitted to Belmont Labs are found in this report.

Field Sample ID	Lab ID	Matrix	Method Reference	Subcontract Lab
SB11 (20-20.50)	14I0129-02	Soil	D 2216	
			SW 8260B	
Dup - S	14I0129-03	Soil	D 2216	
			SW 8260B	
SB10 (22-22.50)	14I0129-04	Soil	D 2216	
			SW 8260B	
SB9 (22-22.50)	14I0129-05	Soil	D 2216	
			SW 8260B	
Trip Blank	14I0129-06	Water	SW 8260B	

Belmont Labs Case Narrative:

Sample(s) temperature exceeded 6 °C upon receipt to the lab. The samples were received on ice and due to the short time between collection and receipt to the lab, the samples did not have time to cool to < 6 °C.

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-02 **Collection Date:** 9/3/2014 8:50:00AM
Client Sample ID: SB11 (20-20.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.00914	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,1,1-Trichloroethane	**0.0358**	0.0190	0.0759	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00844	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,1,2-Trichloroethane	BDL	0.0121	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,1-Dichloroethane	BDL	0.0160	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,1-Dichloroethene	BDL	0.0258	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,1-Dichloropropene	BDL	0.0194	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2,3-Trichlorobenzene	BDL	0.00885	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2,3-Trichloropropane	BDL	0.0192	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2,4-Trichlorobenzene	BDL	0.0101	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2,4-Trimethylbenzene	BDL	0.0126	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0122	0.152	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2-Dibromoethane	BDL	0.00859	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2-Dichlorobenzene	BDL	0.0105	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2-Dichloroethane	BDL	0.0157	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,2-Dichloropropane	BDL	0.0107	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,3,5-Trimethylbenzene	BDL	0.0139	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,3-Dichlorobenzene	BDL	0.0105	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,3-Dichloropropane	BDL	0.00955	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
1,4-Dichlorobenzene	BDL	0.00865	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
2,2-Dichloropropane	BDL	0.0226	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
2-Butanone	BDL	0.0214	0.304	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
2-Chlorotoluene	BDL	0.0123	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
2-Hexanone	BDL	0.0683	0.304	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
4-Chlorotoluene	BDL	0.0123	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
4-Isopropyltoluene	**0.0484**	0.0204	0.0759	J, A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
4-Methyl-2-pentanone	BDL	0.0437	0.304	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Acetone	BDL	0.206	0.759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Acetonitrile	BDL	0.150	0.607	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Acrolein	BDL	0.112	0.759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Acrylonitrile	BDL	0.0172	0.304	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Allyl chloride	BDL	0.0168	0.152	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Benzene	BDL	0.0123	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Bromobenzene	BDL	0.0118	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Bromochloromethane	BDL	0.00930	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Bromodichloromethane	BDL	0.0120	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Bromoform	BDL	0.00915	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Bromomethane	BDL	0.0119	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Carbon Disulfide	BDL	0.0236	0.304	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Carbon Tetrachloride	BDL	0.0220	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Chlorobenzene	BDL	0.0116	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Chloroethane	BDL	0.0218	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-02 **Collection Date:** 9/3/2014 8:50:00AM
Client Sample ID: SB11 (20-20.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.0156	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Chloromethane	BDL	0.0118	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
cis-1,2-Dichloroethene	BDL	0.0139	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
cis-1,3-Dichloropropene	BDL	0.00987	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Dibromochloromethane	BDL	0.00930	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Dibromomethane	BDL	0.0118	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Dichlorodifluoromethane	BDL	0.0326	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Ethylbenzene	BDL	0.0175	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Hexachlorobutadiene	BDL	0.0352	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Iodomethane	BDL	0.0225	0.152	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Isopropylbenzene	BDL	0.0156	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Methylene Chloride	BDL	0.0246	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Methyl tert-Butyl Ether	BDL	0.0175	0.152	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
m,p-Xylene	BDL	0.0295	0.152	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Naphthalene	**0.0155**	0.00952	0.0759	J, A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
n-Butylbenzene	**0.0398**	0.0244	0.0759	J, A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
n-Hexane	BDL	0.0370	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
n-Propylbenzene	BDL	0.0163	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
o-Xylene	BDL	0.0110	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
sec-Butylbenzene	**0.0423**	0.0207	0.0759	J, A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Styrene	BDL	0.0146	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
tert_Butylbenzene	BDL	0.0189	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Tetrachloroethene	**844**	44.0	152		mg/kg dry	50000	1437105	9/4/2014 2:53:00PM	9/4/2014 6:17:00PM
Toluene	BDL	0.0132	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
trans-1,2-Dichloroethene	BDL	0.0181	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
trans-1,3-Dichloropropene	BDL	0.0130	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Trichloroethene	**0.215**	0.0168	0.0759		mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Trichlorofluoromethane	BDL	0.0274	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Vinyl Chloride	BDL	0.0275	0.0759	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Vinyl acetate	BDL	0.0295	0.152	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 8:34:00PM
Surrogate: 4-Bromofluorobenzene		*99.5 %*			*69-130*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:17:00PM
Surrogate: 4-Bromofluorobenzene		*139 %*		*A-01, S-02*	*69-130*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Surrogate: Dibromofluoromethane		*95.7 %*		*A-01*	*66-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Surrogate: Dibromofluoromethane		*102 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 8:34:00PM
Surrogate: Dibromofluoromethane		*98.2 %*			*66-136*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:17:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 8:34:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:17:00PM
Surrogate: Toluene-d8		*102 %*		*A-01*	*67-139*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
Surrogate: 1,2-Dichloroethane-d4		*105 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 8:34:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-02 **Collection Date:** 9/3/2014 8:50:00AM
Client Sample ID: SB11 (20-20.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*			*67-136*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:17:00PM
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*		*A-01*	*67-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 1:46:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**13.9**				% by Weight	1	1437106	9/8/2014 3:50:00PM	9/8/2014 3:50:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-03 **Collection Date:** 9/3/2014 12:00:00AM
Client Sample ID: Dup - S **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.0130	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,1,1-Trichloroethane	**0.0306**	0.0271	0.108	J, A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0120	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,1,2-Trichloroethane	BDL	0.0172	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,1-Dichloroethane	BDL	0.0229	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,1-Dichloroethene	BDL	0.0368	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,1-Dichloropropene	BDL	0.0276	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2,3-Trichlorobenzene	BDL	0.0126	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2,3-Trichloropropane	BDL	0.0275	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2,4-Trichlorobenzene	BDL	0.0145	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2,4-Trimethylbenzene	**0.0548**	0.0179	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0174	0.217	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2-Dibromoethane	BDL	0.0123	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2-Dichlorobenzene	BDL	0.0150	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2-Dichloroethane	BDL	0.0224	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,2-Dichloropropane	BDL	0.0153	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,3,5-Trimethylbenzene	**0.0542**	0.0199	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,3-Dichlorobenzene	BDL	0.0150	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,3-Dichloropropane	BDL	0.0136	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
1,4-Dichlorobenzene	BDL	0.0124	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
2,2-Dichloropropane	BDL	0.0323	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
2-Butanone	BDL	0.0305	0.433	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
2-Chlorotoluene	BDL	0.0176	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
2-Hexanone	BDL	0.0975	0.433	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
4-Chlorotoluene	BDL	0.0176	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
4-Isopropyltoluene	**0.0806**	0.0292	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
4-Methyl-2-pentanone	BDL	0.0624	0.433	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Acetone	BDL	0.295	1.08	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Acetonitrile	BDL	0.214	0.867	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Acrolein	BDL	0.160	1.08	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Acrylonitrile	BDL	0.0245	0.433	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Allyl chloride	BDL	0.0240	0.217	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Benzene	BDL	0.0175	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Bromobenzene	BDL	0.0168	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Bromochloromethane	BDL	0.0133	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Bromodichloromethane	BDL	0.0171	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Bromoform	BDL	0.0131	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Bromomethane	BDL	0.0170	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Carbon Disulfide	BDL	0.0337	0.433	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Carbon Tetrachloride	BDL	0.0314	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Chlorobenzene	BDL	0.0165	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Chloroethane	BDL	0.0311	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-03 **Collection Date:** 9/3/2014 12:00:00AM
Client Sample ID: Dup - S **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.0222	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Chloromethane	BDL	0.0169	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
cis-1,2-Dichloroethene	BDL	0.0198	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
cis-1,3-Dichloropropene	BDL	0.0141	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Dibromochloromethane	BDL	0.0133	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Dibromomethane	BDL	0.0168	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Dichlorodifluoromethane	BDL	0.0465	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Ethylbenzene	BDL	0.0249	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Hexachlorobutadiene	BDL	0.0502	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Iodomethane	BDL	0.0321	0.217	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Isopropylbenzene	BDL	0.0223	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Methylene Chloride	BDL	0.0351	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Methyl tert-Butyl Ether	BDL	0.0250	0.217	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
m,p-Xylene	BDL	0.0422	0.217	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Naphthalene	**0.0379**	0.0136	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
n-Butylbenzene	**0.0475**	0.0349	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
n-Hexane	BDL	0.0528	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
n-Propylbenzene	**0.0475**	0.0233	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
o-Xylene	BDL	0.0156	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
sec-Butylbenzene	**0.0670**	0.0296	0.108	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Styrene	BDL	0.0209	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
tert_Butylbenzene	BDL	0.0270	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Tetrachloroethene	**1040**	62.8	217		mg/kg dry	50000	1437105	9/4/2014 2:53:00PM	9/4/2014 6:51:00PM
Toluene	BDL	0.0189	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
trans-1,2-Dichloroethene	BDL	0.0258	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
trans-1,3-Dichloropropene	BDL	0.0185	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Trichloroethene	**0.239**	0.0240	0.108		mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Trichlorofluoromethane	BDL	0.0391	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Vinyl Chloride	BDL	0.0393	0.108	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Vinyl acetate	BDL	0.0421	0.217	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:08:00PM
Surrogate: 4-Bromofluorobenzene		*99.8 %*			*69-130*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:51:00PM
Surrogate: 4-Bromofluorobenzene		*112 %*		*A-01*	*69-130*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Surrogate: Dibromofluoromethane		*93.7 %*		*A-01*	*66-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Surrogate: Dibromofluoromethane		*104 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:08:00PM
Surrogate: Dibromofluoromethane		*98.5 %*			*66-136*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:51:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:08:00PM
Surrogate: Toluene-d8		*101 %*			*67-139*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:51:00PM
Surrogate: Toluene-d8		*101 %*		*A-01*	*67-139*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
Surrogate: 1,2-Dichloroethane-d4		*105 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:08:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-03 **Collection Date:** 9/3/2014 12:00:00AM
Client Sample ID: Dup - S **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*			*67-136*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 6:51:00PM
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*		*A-01*	*67-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:20:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**13.7**				% by Weight	1	1437106	9/8/2014 3:50:00PM	9/8/2014 3:50:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-04 **Collection Date:** 9/3/2014 1:20:00PM
Client Sample ID: SB10 (22-22.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	**0.352**	0.0149	0.124		mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,1,1-Trichloroethane	**0.0887**	0.0309	0.124	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0138	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,1,2-Trichloroethane	BDL	0.0197	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,1-Dichloroethane	BDL	0.0261	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,1-Dichloroethene	BDL	0.0421	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,1-Dichloropropene	BDL	0.0316	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2,3-Trichlorobenzene	BDL	0.0144	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2,3-Trichloropropane	BDL	0.0314	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2,4-Trichlorobenzene	BDL	0.0166	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2,4-Trimethylbenzene	BDL	0.0205	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0199	0.248	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2-Dibromoethane	BDL	0.0140	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2-Dichlorobenzene	BDL	0.0171	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2-Dichloroethane	BDL	0.0256	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,2-Dichloropropane	BDL	0.0175	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,3,5-Trimethylbenzene	BDL	0.0227	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,3-Dichlorobenzene	BDL	0.0172	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,3-Dichloropropane	BDL	0.0156	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
1,4-Dichlorobenzene	BDL	0.0141	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
2,2-Dichloropropane	BDL	0.0370	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
2-Butanone	BDL	0.0349	0.496	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
2-Chlorotoluene	BDL	0.0201	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
2-Hexanone	BDL	0.111	0.496	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
4-Chlorotoluene	BDL	0.0201	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
4-Isopropyltoluene	BDL	0.0334	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
4-Methyl-2-pentanone	BDL	0.0714	0.496	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Acetone	BDL	0.337	1.24	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Acetonitrile	BDL	0.244	0.991	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Acrolein	BDL	0.183	1.24	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Acrylonitrile	BDL	0.0280	0.496	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Allyl chloride	BDL	0.0274	0.248	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Benzene	BDL	0.0200	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Bromobenzene	BDL	0.0192	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Bromochloromethane	BDL	0.0152	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Bromodichloromethane	BDL	0.0195	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Bromoform	BDL	0.0149	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Bromomethane	BDL	0.0194	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Carbon Disulfide	BDL	0.0386	0.496	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Carbon Tetrachloride	BDL	0.0359	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Chlorobenzene	BDL	0.0189	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Chloroethane	BDL	0.0355	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-04 **Collection Date:** 9/3/2014 1:20:00PM
Client Sample ID: SB10 (22-22.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.0254	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Chloromethane	BDL	0.0193	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
cis-1,2-Dichloroethene	BDL	0.0226	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
cis-1,3-Dichloropropene	BDL	0.0161	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Dibromochloromethane	BDL	0.0152	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Dibromomethane	BDL	0.0192	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Dichlorodifluoromethane	BDL	0.0531	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Ethylbenzene	BDL	0.0285	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Hexachlorobutadiene	BDL	0.0574	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Iodomethane	BDL	0.0367	0.248	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Isopropylbenzene	BDL	0.0255	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Methylene Chloride	BDL	0.0401	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Methyl tert-Butyl Ether	BDL	0.0286	0.248	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
m,p-Xylene	BDL	0.0482	0.248	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Naphthalene	BDL	0.0155	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
n-Butylbenzene	BDL	0.0399	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
n-Hexane	BDL	0.0604	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
n-Propylbenzene	BDL	0.0266	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
o-Xylene	BDL	0.0179	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
sec-Butylbenzene	BDL	0.0339	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Styrene	BDL	0.0239	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
tert_Butylbenzene	BDL	0.0309	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Tetrachloroethene	**1370**	71.9	248		mg/kg dry	50000	1437105	9/4/2014 2:53:00PM	9/4/2014 7:26:00PM
Toluene	BDL	0.0216	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
trans-1,2-Dichloroethene	BDL	0.0295	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
trans-1,3-Dichloropropene	BDL	0.0212	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Trichloroethene	**0.539**	0.0275	0.124		mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Trichlorofluoromethane	BDL	0.0447	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Vinyl Chloride	BDL	0.0449	0.124	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Vinyl acetate	BDL	0.0481	0.248	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:43:00PM
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*A-01*	*69-130*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*69-130*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 7:26:00PM
Surrogate: Dibromofluoromethane		*99.7 %*			*66-136*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 7:26:00PM
Surrogate: Dibromofluoromethane		*103 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:43:00PM
Surrogate: Dibromofluoromethane		*91.9 %*		*A-01*	*66-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 7:26:00PM
Surrogate: Toluene-d8		*101 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:43:00PM
Surrogate: Toluene-d8		*98.4 %*		*A-01*	*67-139*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*		*A-01*	*67-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 2:55:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*			*67-136*		*1437105*	9/4/2014 2:53:00PM	9/4/2014 7:26:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-04 **Collection Date:** 9/3/2014 1:20:00PM
Client Sample ID: SB10 (22-22.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Surrogate: 1,2-Dichloroethane-d4		*104 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 9:43:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**9.75**				% by Weight	1	1437106	9/8/2014 3:50:00PM	9/8/2014 3:50:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-05 **Collection Date:** 9/3/2014 2:10:00PM
Client Sample ID: SB9 (22-22.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.0158	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,1,1-Trichloroethane	BDL	0.0327	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0146	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,1,2-Trichloroethane	BDL	0.0208	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,1-Dichloroethane	BDL	0.0276	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,1-Dichloroethene	BDL	0.0445	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,1-Dichloropropene	BDL	0.0334	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2,3-Trichlorobenzene	BDL	0.0153	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2,3-Trichloropropane	BDL	0.0332	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2,4-Trichlorobenzene	BDL	0.0175	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2,4-Trimethylbenzene	BDL	0.0216	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0210	0.262	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2-Dibromoethane	BDL	0.0148	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2-Dichlorobenzene	BDL	0.0181	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2-Dichloroethane	BDL	0.0271	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,2-Dichloropropane	BDL	0.0185	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,3,5-Trimethylbenzene	BDL	0.0240	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,3-Dichlorobenzene	BDL	0.0182	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,3-Dichloropropane	BDL	0.0165	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
1,4-Dichlorobenzene	BDL	0.0149	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
2,2-Dichloropropane	BDL	0.0391	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
2-Butanone	BDL	0.0368	0.523	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
2-Chlorotoluene	BDL	0.0213	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
2-Hexanone	BDL	0.118	0.523	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
4-Chlorotoluene	BDL	0.0212	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
4-Isopropyltoluene	BDL	0.0353	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
4-Methyl-2-pentanone	BDL	0.0754	0.523	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Acetone	BDL	0.356	1.31	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Acetonitrile	BDL	0.258	1.05	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Acrolein	BDL	0.193	1.31	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Acrylonitrile	BDL	0.0296	0.523	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Allyl chloride	BDL	0.0289	0.262	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Benzene	BDL	0.0212	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Bromobenzene	BDL	0.0203	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Bromochloromethane	BDL	0.0160	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Bromodichloromethane	BDL	0.0206	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Bromoform	BDL	0.0158	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Bromomethane	BDL	0.0205	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Carbon Disulfide	BDL	0.0408	0.523	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Carbon Tetrachloride	BDL	0.0380	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Chlorobenzene	BDL	0.0200	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Chloroethane	BDL	0.0375	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-05 **Collection Date:** 9/3/2014 2:10:00PM
Client Sample ID: SB9 (22-22.50) **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.0268	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Chloromethane	BDL	0.0204	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
cis-1,2-Dichloroethene	**0.116**	0.0239	0.131	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
cis-1,3-Dichloropropene	BDL	0.0170	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Dibromochloromethane	BDL	0.0160	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Dibromomethane	BDL	0.0203	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Dichlorodifluoromethane	BDL	0.0561	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Ethylbenzene	BDL	0.0301	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Hexachlorobutadiene	BDL	0.0606	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Iodomethane	BDL	0.0388	0.262	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Isopropylbenzene	BDL	0.0269	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Methylene Chloride	BDL	0.0424	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Methyl tert-Butyl Ether	BDL	0.0302	0.262	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
m,p-Xylene	BDL	0.0509	0.262	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Naphthalene	BDL	0.0164	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
n-Butylbenzene	BDL	0.0421	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
n-Hexane	BDL	0.0638	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
n-Propylbenzene	BDL	0.0281	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
o-Xylene	BDL	0.0189	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
sec-Butylbenzene	**0.0393**	0.0358	0.131	A-01, J	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Styrene	BDL	0.0252	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
tert_Butylbenzene	BDL	0.0326	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Tetrachloroethene	**57.2**	0.834	2.88		mg/kg dry	1000	1437116	9/5/2014 12:53:00PM	9/5/2014 3:12:00PM
Toluene	BDL	0.0228	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
trans-1,2-Dichloroethene	BDL	0.0312	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
trans-1,3-Dichloropropene	BDL	0.0224	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Trichloroethene	**0.627**	0.0290	0.131		mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Trichlorofluoromethane	BDL	0.0472	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Vinyl Chloride	BDL	0.0475	0.131	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Vinyl acetate	BDL	0.0508	0.262	A-01	mg/kg dry	25	1437048	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*69-130*		*1437116*	9/5/2014 12:53:00PM	9/5/2014 3:12:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*		*A-01*	*69-130*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Surrogate: Dibromofluoromethane		*91.5 %*		*A-01*	*66-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Surrogate: Dibromofluoromethane		*99.2 %*			*66-136*		*1437116*	9/5/2014 12:53:00PM	9/5/2014 3:12:00PM
Surrogate: Toluene-d8		*101 %*			*67-139*		*1437116*	9/5/2014 12:53:00PM	9/5/2014 3:12:00PM
Surrogate: Toluene-d8		*102 %*		*A-01*	*67-139*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*			*67-136*		*1437116*	9/5/2014 12:53:00PM	9/5/2014 3:12:00PM
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*		*A-01*	*67-136*		*1437048*	9/4/2014 10:55:00AM	9/4/2014 3:29:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**9.21**				% by Weight	1	1437106	9/8/2014 3:50:00PM	9/8/2014 3:50:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0129

Lab ID: 14I0129-05
Client Sample ID: SB9 (22-22.50)
Collection Date: 9/3/2014 2:10:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-06 **Collection Date:** 9/2/2014 12:25:00PM
Client Sample ID: Trip Blank **Matrix:** Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_TB		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Chloroform	BDL	0.268	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0129
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0129-06 **Collection Date:** 9/2/2014 12:25:00PM
Client Sample ID: Trip Blank **Matrix:** Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1437054	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Surrogate: 4-Bromofluorobenzene		*91.3 %*			*71-122*		*1437054*	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Surrogate: Dibromofluoromethane		*102 %*			*86-132*		*1437054*	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Surrogate: Toluene-d8		*96.2 %*			*74-132*		*1437054*	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM
Surrogate: 1,2-Dichloroethane-d4		*106 %*			*77-136*		*1437054*	9/4/2014 1:00:00PM	9/4/2014 2:03:00PM

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437048 - VOC PREP										
Blank (1437048-BLK1)				Prepared & Analyzed: 09/04/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437048 - VOC PREP										
Blank (1437048-BLK1)				Prepared & Analyzed: 09/04/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.0*		*ug/L*	*50.00*		*97.9*	*69-130*			
Surrogate: Dibromofluoromethane	*49.7*		*ug/L*	*50.00*		*99.4*	*66-136*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50.00*		*100*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*ug/L*	*50.00*		*96.0*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437048 - VOC PREP										
LCS (1437048-BS1)				Prepared & Analyzed: 09/04/14						
1,1,1,2-Tetrachloroethane	0.0202	0.00500	mg/kg wet	0.02000		101	69.2-126			
1,1,1-Trichloroethane	0.0210	0.00500	mg/kg wet	0.02000		105	65.1-133			
1,1,2,2-Tetrachloroethane	0.0196	0.00500	mg/kg wet	0.02000		97.9	68.5-131			
1,1,2-Trichloroethane	0.0196	0.00500	mg/kg wet	0.02000		97.8	71.5-128			
1,1-Dichloroethane	0.0194	0.00500	mg/kg wet	0.02000		97.2	65.5-131			
1,1-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		103	54.4-139			
1,1-Dichloropropene	0.0215	0.00500	mg/kg wet	0.02000		108	66.6-132			
1,2,3-Trichlorobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.4	56.3-154			
1,2,3-Trichloropropane	0.0196	0.00500	mg/kg wet	0.02000		98.2	65.6-132			
1,2,4-Trichlorobenzene	0.0206	0.00500	mg/kg wet	0.02000		103	56.2-151			
1,2,4-Trimethylbenzene	0.0213	0.00500	mg/kg wet	0.02000		106	61.2-140			
1,2-Dibromo-3-chloropropane	0.0184	0.0100	mg/kg wet	0.02000		92.0	57.4-144			
1,2-Dibromoethane	0.0198	0.00500	mg/kg wet	0.02000		98.8	69.5-126			
1,2-Dichlorobenzene	0.0203	0.00500	mg/kg wet	0.02000		101	66.4-137			
1,2-Dichloroethane	0.0198	0.00500	mg/kg wet	0.02000		98.9	65.4-131			
1,2-Dichloropropane	0.0200	0.00500	mg/kg wet	0.02000		100	71-126			
1,3,5-Trimethylbenzene	0.0218	0.00500	mg/kg wet	0.02000		109	62.1-138			
1,3-Dichlorobenzene	0.0207	0.00500	mg/kg wet	0.02000		104	64.7-139			
1,3-Dichloropropane	0.0195	0.00500	mg/kg wet	0.02000		97.4	70.1-128			
1,4-Dichlorobenzene	0.0206	0.00500	mg/kg wet	0.02000		103	63.6-139			
2-Butanone	0.0392	0.0200	mg/kg wet	0.04000		97.9	57.3-143			
2-Chlorotoluene	0.0210	0.00500	mg/kg wet	0.02000		105	63-137			
2-Hexanone	0.0413	0.0200	mg/kg wet	0.04000		103	55.1-147			
4-Chlorotoluene	0.0216	0.00500	mg/kg wet	0.02000		108	62.3-139			
4-Isopropyltoluene	0.0220	0.00500	mg/kg wet	0.02000		110	61.5-141			
4-Methyl-2-pentanone	0.0411	0.0200	mg/kg wet	0.04000		103	60.1-138			
Acetone	0.0426	0.0500	mg/kg wet	0.04000		107	23.8-186			J
Acetonitrile	0.0193	0.0400	mg/kg wet	0.02000		96.6	42.6-157			J
Acrolein	0.0401	0.0500	mg/kg wet	0.04000		100	10-200			J
Acrylonitrile	0.0174	0.0200	mg/kg wet	0.02000		87.0	58.4-135			J
Allyl chloride	0.0205	0.0100	mg/kg wet	0.02000		103	61.2-134			
Benzene	0.0205	0.00500	mg/kg wet	0.02000		102	71.3-126			
Bromobenzene	0.0208	0.00500	mg/kg wet	0.02000		104	66.9-133			
Bromochloromethane	0.0199	0.00500	mg/kg wet	0.02000		99.6	67.1-133			
Bromodichloromethane	0.0198	0.00500	mg/kg wet	0.02000		99.0	65.8-128			
Bromoform	0.0200	0.00500	mg/kg wet	0.02000		100	61.1-129			
Bromomethane	0.0412	0.00500	mg/kg wet	0.02000		206	32-162			
Carbon Disulfide	0.0195	0.0200	mg/kg wet	0.02000		97.3	38.3-151			J
Carbon Tetrachloride	0.0209	0.00500	mg/kg wet	0.02000		105	64.6-133			
Chlorobenzene	0.0209	0.00500	mg/kg wet	0.02000		105	69.4-131			
Chloroethane	0.0197	0.00500	mg/kg wet	0.02000		98.4	36.6-158			
Chloroform	0.0193	0.00500	mg/kg wet	0.02000		96.6	68.4-130			
Chloromethane	0.0209	0.00500	mg/kg wet	0.02000		105	56.9-150			
cis-1,2-Dichloroethene	0.0198	0.00500	mg/kg wet	0.02000		99.3	66.4-132			
cis-1,3-Dichloropropene	0.0204	0.00500	mg/kg wet	0.02000		102	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437048 - VOC PREP										
LCS (1437048-BS1)				Prepared & Analyzed: 09/04/14						
Dibromochloromethane	0.0198	0.00500	mg/kg wet	0.02000		99.0	66-127			
Dibromomethane	0.0196	0.00500	mg/kg wet	0.02000		98.0	65.9-130			
Dichlorodifluoromethane	0.0211	0.00500	mg/kg wet	0.02000		106	55-166			
Ethylbenzene	0.0213	0.00500	mg/kg wet	0.02000		107	70-130			
Hexachlorobutadiene	0.0210	0.00500	mg/kg wet	0.02000		105	50.5-166			
Iodomethane	0.0264	0.0100	mg/kg wet	0.02000		132	47-151			
Isopropylbenzene	0.0214	0.00500	mg/kg wet	0.02000		107	69.8-132			
Methylene Chloride	0.0172	0.00500	mg/kg wet	0.02000		85.8	47-134			
Methyl tert-Butyl Ether	0.0189	0.0100	mg/kg wet	0.02000		94.6	59.4-132			
m,p-Xylene	0.0434	0.0100	mg/kg wet	0.04000		108	68-134			
Naphthalene	0.0198	0.00500	mg/kg wet	0.02000		98.8	51.2-154			
n-Butylbenzene	0.0218	0.00500	mg/kg wet	0.02000		109	57.6-149			
n-Hexane	0.0184	0.00500	mg/kg wet	0.02000		92.0	33.5-149			
n-Propylbenzene	0.0214	0.00500	mg/kg wet	0.02000		107	67-138			
o-Xylene	0.0212	0.00500	mg/kg wet	0.02000		106	67.7-132			
sec-Butylbenzene	0.0214	0.00500	mg/kg wet	0.02000		107	66.8-138			
Styrene	0.0207	0.00500	mg/kg wet	0.02000		104	63.5-135			
tert_Butylbenzene	0.0211	0.00500	mg/kg wet	0.02000		106	66.4-136			
Tetrachloroethene	0.0221	0.00500	mg/kg wet	0.02000		111	66.7-135			
Toluene	0.0207	0.00500	mg/kg wet	0.02000		104	70.4-130			
trans-1,2-Dichloroethene	0.0196	0.00500	mg/kg wet	0.02000		97.9	62.9-136			
trans-1,3-Dichloropropene	0.0206	0.00500	mg/kg wet	0.02000		103	67.3-132			
Trichloroethene	0.0209	0.00500	mg/kg wet	0.02000		105	66.6-132			
Trichlorofluoromethane	0.0216	0.00500	mg/kg wet	0.02000		108	48.2-151			
Vinyl Chloride	0.0212	0.00500	mg/kg wet	0.02000		106	46.5-150			
Vinyl acetate	0.0220	0.0100	mg/kg wet	0.02000		110	37.7-176			
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*69-130*			
Surrogate: Dibromofluoromethane	*46.7*		*ug/L*	*50.00*		*93.3*	*66-136*			
Surrogate: Toluene-d8	*49.4*		*ug/L*	*50.00*		*98.8*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*45.7*		*ug/L*	*50.00*		*91.4*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437054 - VOC PREP										
Blank (1437054-BLK1)				Prepared & Analyzed: 09/04/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Hexane	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437054 - VOC PREP										
Blank (1437054-BLK1)				Prepared & Analyzed: 09/04/14						
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.0*		*ug/L*	*50.00*		*91.9*	*71-122*			
Surrogate: Dibromofluoromethane	*51.1*		*ug/L*	*50.00*		*102*	*86-132*			
Surrogate: Toluene-d8	*48.3*		*ug/L*	*50.00*		*96.6*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.00*		*104*	*77-136*			
LCS (1437054-BS1)				Prepared & Analyzed: 09/04/14						
1,1,1,2-Tetrachloroethane	20.3	5.00	ug/L	20.00		102	76.9-117			
1,1,1-Trichloroethane	20.1	5.00	ug/L	20.00		100	76.9-125			
1,1,2,2-Tetrachloroethane	21.1	5.00	ug/L	20.00		106	74.3-135			
1,1,2-Trichloroethane	20.5	5.00	ug/L	20.00		102	73.4-127			
1,1-Dichloroethane	21.2	5.00	ug/L	20.00		106	71.8-131			
1,1-Dichloroethene	20.8	5.00	ug/L	20.00		104	71.3-132			
1,1-Dichloropropene	20.4	5.00	ug/L	20.00		102	77.7-128			
1,2-Dibromoethane	19.6	5.00	ug/L	20.00		97.9	75.6-119			
1,2-Dichloroethane	19.5	5.00	ug/L	20.00		97.4	74.3-124			
1,2-Dichloropropane	19.9	5.00	ug/L	20.00		99.6	73.3-127			
1,3-Dichloropropane	20.3	5.00	ug/L	20.00		101	74.6-127			
2,2-Dichloropropane	25.1	5.00	ug/L	20.00		125	72.7-139			
2-Butanone	35.2	20.0	ug/L	40.00		88.0	59-159			
2-Chlorotoluene	21.3	5.00	ug/L	20.00		107	80.5-127			
2-Hexanone	37.1	20.0	ug/L	40.00		92.8	61.8-138			
4-Chlorotoluene	20.9	5.00	ug/L	20.00		105	80.5-118			
4-Methyl-2-pentanone	38.8	20.0	ug/L	40.00		97.0	66.9-132			
Acetone	33.3	20.0	ug/L	40.00		83.2	46.6-175			
Acetonitrile	20.4	40.0	ug/L	20.00		102	42.6-189			J
Acrolein	39.0	20.0	ug/L	40.00		97.4	22.4-212			
Acrylonitrile	20.8	20.0	ug/L	20.00		104	51.6-146			
Allyl chloride	22.6	5.00	ug/L	20.00		113	74-138			
Benzene	20.7	5.00	ug/L	20.00		103	78.2-124			
Bromobenzene	20.9	5.00	ug/L	20.00		104	80-116			
Bromochloromethane	21.8	5.00	ug/L	20.00		109	79.4-125			
Bromodichloromethane	20.0	5.00	ug/L	20.00		99.9	74.2-123			
Bromoform	20.3	5.00	ug/L	20.00		101	53.6-133			
Bromomethane	22.7	5.00	ug/L	20.00		114	41.3-165			
Carbon Disulfide	22.1	20.0	ug/L	20.00		111	67.2-145			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437054 - VOC PREP										
LCS (1437054-BS1)				Prepared & Analyzed: 09/04/14						
Carbon Tetrachloride	20.7	5.00	ug/L	20.00		103	72.7-124			
Chlorobenzene	20.5	5.00	ug/L	20.00		103	85.8-117			
Chloroethane	20.5	5.00	ug/L	20.00		102	32.1-170			
Chloroform	21.0	5.00	ug/L	20.00		105	78.3-129			
Chloromethane	20.8	5.00	ug/L	20.00		104	42.9-166			
cis-1,2-Dichloroethene	20.7	5.00	ug/L	20.00		103	74.9-130			
cis-1,3-Dichloropropene	20.0	5.00	ug/L	20.00		99.8	71-129			
Dibromochloromethane	20.4	5.00	ug/L	20.00		102	64.1-125			
Dibromomethane	20.5	5.00	ug/L	20.00		102	75.1-123			
Dichlorodifluoromethane	20.0	5.00	ug/L	20.00		99.8	51.4-156			
Ethylbenzene	20.3	5.00	ug/L	20.00		102	82.3-121			
Iodomethane	19.1	10.0	ug/L	20.00		95.6	53.1-149			
Methylene Chloride	21.4	5.00	ug/L	20.00		107	75.7-128			
Methyl tert-Butyl Ether	19.6	10.0	ug/L	20.00		98.0	75.6-131			
m,p-Xylene	40.0	10.0	ug/L	40.00		100	84.1-128			
n-Hexane	23.6	5.00	ug/L	20.00		118	58.1-146			
o-Xylene	20.2	5.00	ug/L	20.00		101	80.7-119			
Styrene	19.9	5.00	ug/L	20.00		99.7	81.2-120			
Tetrachloroethene	21.7	5.00	ug/L	20.00		109	58.9-141			
Toluene	20.5	5.00	ug/L	20.00		102	79.1-130			
trans-1,2-Dichloroethene	21.6	5.00	ug/L	20.00		108	79.2-128			
trans-1,3-Dichloropropene	19.2	5.00	ug/L	20.00		96.0	73.6-131			
Trichloroethene	20.0	5.00	ug/L	20.00		99.8	78.5-119			
Trichlorofluoromethane	21.8	5.00	ug/L	20.00		109	59.4-141			
Vinyl Chloride	20.5	1.00	ug/L	20.00		103	63.3-158			
Vinyl acetate	21.2	10.0	ug/L	20.00		106	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.1*		*ug/L*	*50.00*		*98.1*	*71-122*			
Surrogate: Dibromofluoromethane	*51.3*		*ug/L*	*50.00*		*103*	*86-132*			
Surrogate: Toluene-d8	*48.3*		*ug/L*	*50.00*		*96.6*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*52.7*		*ug/L*	*50.00*		*105*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437105 - VOC PREP										
Blank (1437105-BLK1)				Prepared & Analyzed: 09/04/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	0.00160	0.0200	mg/kg wet							J
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437105 - VOC PREP										
Blank (1437105-BLK1)				Prepared & Analyzed: 09/04/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.0*		*ug/L*	*50.00*		*100*	*69-130*			
Surrogate: Dibromofluoromethane	*49.2*		*ug/L*	*50.00*		*98.4*	*66-136*			
Surrogate: Toluene-d8	*50.8*		*ug/L*	*50.00*		*102*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.00*		*99.5*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437105 - VOC PREP										
LCS (1437105-BS1)				Prepared & Analyzed: 09/04/14						
1,1,1,2-Tetrachloroethane	0.0195	0.00500	mg/kg wet	0.02000		97.4	69.2-126			
1,1,1-Trichloroethane	0.0205	0.00500	mg/kg wet	0.02000		102	65.1-133			
1,1,2,2-Tetrachloroethane	0.0195	0.00500	mg/kg wet	0.02000		97.4	68.5-131			
1,1,2-Trichloroethane	0.0202	0.00500	mg/kg wet	0.02000		101	71.5-128			
1,1-Dichloroethane	0.0203	0.00500	mg/kg wet	0.02000		101	65.5-131			
1,1-Dichloroethene	0.0204	0.00500	mg/kg wet	0.02000		102	54.4-139			
1,1-Dichloropropene	0.0204	0.00500	mg/kg wet	0.02000		102	66.6-132			
1,2,3-Trichlorobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	56.3-154			
1,2,3-Trichloropropane	0.0195	0.00500	mg/kg wet	0.02000		97.3	65.6-132			
1,2,4-Trichlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		99.1	56.2-151			
1,2,4-Trimethylbenzene	0.0200	0.00500	mg/kg wet	0.02000		100	61.2-140			
1,2-Dibromo-3-chloropropane	0.0189	0.0100	mg/kg wet	0.02000		94.7	57.4-144			
1,2-Dibromoethane	0.0192	0.00500	mg/kg wet	0.02000		96.1	69.5-126			
1,2-Dichlorobenzene	0.0196	0.00500	mg/kg wet	0.02000		97.8	66.4-137			
1,2-Dichloroethane	0.0200	0.00500	mg/kg wet	0.02000		99.9	65.4-131			
1,2-Dichloropropane	0.0204	0.00500	mg/kg wet	0.02000		102	71-126			
1,3,5-Trimethylbenzene	0.0196	0.00500	mg/kg wet	0.02000		98.2	62.1-138			
1,3-Dichlorobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.4	64.7-139			
1,3-Dichloropropane	0.0202	0.00500	mg/kg wet	0.02000		101	70.1-128			
1,4-Dichlorobenzene	0.0195	0.00500	mg/kg wet	0.02000		97.6	63.6-139			
2-Butanone	0.0377	0.0200	mg/kg wet	0.04000		94.2	57.3-143			
2-Chlorotoluene	0.0203	0.00500	mg/kg wet	0.02000		101	63-137			
2-Hexanone	0.0405	0.0200	mg/kg wet	0.04000		101	55.1-147			
4-Chlorotoluene	0.0199	0.00500	mg/kg wet	0.02000		99.4	62.3-139			
4-Isopropyltoluene	0.0201	0.00500	mg/kg wet	0.02000		101	61.5-141			
4-Methyl-2-pentanone	0.0403	0.0200	mg/kg wet	0.04000		101	60.1-138			
Acetone	0.0364	0.0500	mg/kg wet	0.04000		91.1	23.8-186			J
Acetonitrile	0.0211	0.0400	mg/kg wet	0.02000		106	42.6-157			J
Acrolein	0.0364	0.0500	mg/kg wet	0.04000		90.9	10-200			J
Acrylonitrile	0.0194	0.0200	mg/kg wet	0.02000		96.8	58.4-135			J
Allyl chloride	0.0206	0.0100	mg/kg wet	0.02000		103	61.2-134			
Benzene	0.0203	0.00500	mg/kg wet	0.02000		101	71.3-126			
Bromobenzene	0.0200	0.00500	mg/kg wet	0.02000		100	66.9-133			
Bromochloromethane	0.0197	0.00500	mg/kg wet	0.02000		98.4	67.1-133			
Bromodichloromethane	0.0201	0.00500	mg/kg wet	0.02000		100	65.8-128			
Bromoform	0.0190	0.00500	mg/kg wet	0.02000		94.8	61.1-129			
Bromomethane	0.0194	0.00500	mg/kg wet	0.02000		97.2	32-162			
Carbon Disulfide	0.0202	0.0200	mg/kg wet	0.02000		101	38.3-151			
Carbon Tetrachloride	0.0201	0.00500	mg/kg wet	0.02000		100	64.6-133			
Chlorobenzene	0.0200	0.00500	mg/kg wet	0.02000		100	69.4-131			
Chloroethane	0.0200	0.00500	mg/kg wet	0.02000		99.8	36.6-158			
Chloroform	0.0200	0.00500	mg/kg wet	0.02000		100	68.4-130			
Chloromethane	0.0209	0.00500	mg/kg wet	0.02000		104	56.9-150			
cis-1,2-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		102	66.4-132			
cis-1,3-Dichloropropene	0.0201	0.00500	mg/kg wet	0.02000		101	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437105 - VOC PREP										
LCS (1437105-BS1)				Prepared & Analyzed: 09/04/14						
Dibromochloromethane	0.0192	0.00500	mg/kg wet	0.02000		96.0	66-127			
Dibromomethane	0.0200	0.00500	mg/kg wet	0.02000		99.9	65.9-130			
Dichlorodifluoromethane	0.0202	0.00500	mg/kg wet	0.02000		101	55-166			
Ethylbenzene	0.0204	0.00500	mg/kg wet	0.02000		102	70-130			
Hexachlorobutadiene	0.0200	0.00500	mg/kg wet	0.02000		100	50.5-166			
Iodomethane	0.0162	0.0100	mg/kg wet	0.02000		81.0	47-151			
Isopropylbenzene	0.0200	0.00500	mg/kg wet	0.02000		100	69.8-132			
Methylene Chloride	0.0183	0.00500	mg/kg wet	0.02000		91.4	47-134			
Methyl tert-Butyl Ether	0.0193	0.0100	mg/kg wet	0.02000		96.4	59.4-132			
m,p-Xylene	0.0409	0.0100	mg/kg wet	0.04000		102	68-134			
Naphthalene	0.0194	0.00500	mg/kg wet	0.02000		97.1	51.2-154			
n-Butylbenzene	0.0203	0.00500	mg/kg wet	0.02000		102	57.6-149			
n-Hexane	0.0187	0.00500	mg/kg wet	0.02000		93.4	33.5-149			
n-Propylbenzene	0.0201	0.00500	mg/kg wet	0.02000		100	67-138			
o-Xylene	0.0198	0.00500	mg/kg wet	0.02000		99.0	67.7-132			
sec-Butylbenzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	66.8-138			
Styrene	0.0195	0.00500	mg/kg wet	0.02000		97.6	63.5-135			
tert_Butylbenzene	0.0197	0.00500	mg/kg wet	0.02000		98.6	66.4-136			
Tetrachloroethene	0.0201	0.00500	mg/kg wet	0.02000		100	66.7-135			
Toluene	0.0207	0.00500	mg/kg wet	0.02000		104	70.4-130			
trans-1,2-Dichloroethene	0.0204	0.00500	mg/kg wet	0.02000		102	62.9-136			
trans-1,3-Dichloropropene	0.0202	0.00500	mg/kg wet	0.02000		101	67.3-132			
Trichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.4	66.6-132			
Trichlorofluoromethane	0.0222	0.00500	mg/kg wet	0.02000		111	48.2-151			
Vinyl Chloride	0.0198	0.00500	mg/kg wet	0.02000		99.0	46.5-150			
Vinyl acetate	0.0192	0.0100	mg/kg wet	0.02000		96.2	37.7-176			
Surrogate: 4-Bromofluorobenzene	*49.5*		*ug/L*	*50.00*		*99.0*	*69-130*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99.3*	*66-136*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50.00*		*102*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.00*		*98.5*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437116 - VOC PREP										
Blank (1437116-BLK1)				Prepared & Analyzed: 09/05/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437116 - VOC PREP										
Blank (1437116-BLK1)				Prepared & Analyzed: 09/05/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/L*	*50.00*		*99.9*	*69-130*			
Surrogate: Dibromofluoromethane	*50.7*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.00*		*101*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.00*		*102*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437116 - VOC PREP										
LCS (1437116-BS1)				Prepared & Analyzed: 09/05/14						
1,1,1,2-Tetrachloroethane	0.0193	0.00500	mg/kg wet	0.02000		96.4	69.2-126			
1,1,1-Trichloroethane	0.0203	0.00500	mg/kg wet	0.02000		101	65.1-133			
1,1,2,2-Tetrachloroethane	0.0198	0.00500	mg/kg wet	0.02000		99.1	68.5-131			
1,1,2-Trichloroethane	0.0197	0.00500	mg/kg wet	0.02000		98.4	71.5-128			
1,1-Dichloroethane	0.0201	0.00500	mg/kg wet	0.02000		101	65.5-131			
1,1-Dichloroethene	0.0206	0.00500	mg/kg wet	0.02000		103	54.4-139			
1,1-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	66.6-132			
1,2,3-Trichlorobenzene	0.0190	0.00500	mg/kg wet	0.02000		95.0	56.3-154			
1,2,3-Trichloropropane	0.0197	0.00500	mg/kg wet	0.02000		98.7	65.6-132			
1,2,4-Trichlorobenzene	0.0192	0.00500	mg/kg wet	0.02000		96.2	56.2-151			
1,2,4-Trimethylbenzene	0.0192	0.00500	mg/kg wet	0.02000		96.1	61.2-140			
1,2-Dibromo-3-chloropropane	0.0182	0.0100	mg/kg wet	0.02000		91.0	57.4-144			
1,2-Dibromoethane	0.0192	0.00500	mg/kg wet	0.02000		95.8	69.5-126			
1,2-Dichlorobenzene	0.0192	0.00500	mg/kg wet	0.02000		96.2	66.4-137			
1,2-Dichloroethane	0.0203	0.00500	mg/kg wet	0.02000		102	65.4-131			
1,2-Dichloropropane	0.0200	0.00500	mg/kg wet	0.02000		100	71-126			
1,3,5-Trimethylbenzene	0.0196	0.00500	mg/kg wet	0.02000		97.9	62.1-138			
1,3-Dichlorobenzene	0.0196	0.00500	mg/kg wet	0.02000		97.8	64.7-139			
1,3-Dichloropropane	0.0204	0.00500	mg/kg wet	0.02000		102	70.1-128			
1,4-Dichlorobenzene	0.0195	0.00500	mg/kg wet	0.02000		97.6	63.6-139			
2-Butanone	0.0378	0.0200	mg/kg wet	0.04000		94.6	57.3-143			
2-Chlorotoluene	0.0208	0.00500	mg/kg wet	0.02000		104	63-137			
2-Hexanone	0.0403	0.0200	mg/kg wet	0.04000		101	55.1-147			
4-Chlorotoluene	0.0198	0.00500	mg/kg wet	0.02000		98.8	62.3-139			
4-Isopropyltoluene	0.0199	0.00500	mg/kg wet	0.02000		99.4	61.5-141			
4-Methyl-2-pentanone	0.0412	0.0200	mg/kg wet	0.04000		103	60.1-138			
Acetone	0.0345	0.0500	mg/kg wet	0.04000		86.2	23.8-186			J
Acetonitrile	0.0193	0.0400	mg/kg wet	0.02000		96.4	42.6-157			J
Acrolein	0.0408	0.0500	mg/kg wet	0.04000		102	10-200			J
Acrylonitrile	0.0186	0.0200	mg/kg wet	0.02000		92.9	58.4-135			J
Allyl chloride	0.0203	0.0100	mg/kg wet	0.02000		102	61.2-134			
Benzene	0.0207	0.00500	mg/kg wet	0.02000		103	71.3-126			
Bromobenzene	0.0197	0.00500	mg/kg wet	0.02000		98.6	66.9-133			
Bromochloromethane	0.0189	0.00500	mg/kg wet	0.02000		94.5	67.1-133			
Bromodichloromethane	0.0199	0.00500	mg/kg wet	0.02000		99.3	65.8-128			
Bromoform	0.0185	0.00500	mg/kg wet	0.02000		92.6	61.1-129			
Bromomethane	0.0172	0.00500	mg/kg wet	0.02000		86.0	32-162			
Carbon Disulfide	0.0202	0.0200	mg/kg wet	0.02000		101	38.3-151			
Carbon Tetrachloride	0.0203	0.00500	mg/kg wet	0.02000		101	64.6-133			
Chlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		98.9	69.4-131			
Chloroethane	0.0194	0.00500	mg/kg wet	0.02000		97.0	36.6-158			
Chloroform	0.0197	0.00500	mg/kg wet	0.02000		98.4	68.4-130			
Chloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	56.9-150			
cis-1,2-Dichloroethene	0.0202	0.00500	mg/kg wet	0.02000		101	66.4-132			
cis-1,3-Dichloropropene	0.0205	0.00500	mg/kg wet	0.02000		102	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437116 - VOC PREP										
LCS (1437116-BS1)				Prepared & Analyzed: 09/05/14						
Dibromochloromethane	0.0186	0.00500	mg/kg wet	0.02000		93.2	66-127			
Dibromomethane	0.0200	0.00500	mg/kg wet	0.02000		100	65.9-130			
Dichlorodifluoromethane	0.0191	0.00500	mg/kg wet	0.02000		95.6	55-166			
Ethylbenzene	0.0205	0.00500	mg/kg wet	0.02000		102	70-130			
Hexachlorobutadiene	0.0194	0.00500	mg/kg wet	0.02000		97.2	50.5-166			
Iodomethane	0.0159	0.0100	mg/kg wet	0.02000		79.6	47-151			
Isopropylbenzene	0.0198	0.00500	mg/kg wet	0.02000		99.3	69.8-132			
Methylene Chloride	0.0195	0.00500	mg/kg wet	0.02000		97.4	47-134			
Methyl tert-Butyl Ether	0.0195	0.0100	mg/kg wet	0.02000		97.4	59.4-132			
m,p-Xylene	0.0415	0.0100	mg/kg wet	0.04000		104	68-134			
Naphthalene	0.0184	0.00500	mg/kg wet	0.02000		92.1	51.2-154			
n-Butylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	57.6-149			
n-Hexane	0.0193	0.00500	mg/kg wet	0.02000		96.6	33.5-149			
n-Propylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	67-138			
o-Xylene	0.0197	0.00500	mg/kg wet	0.02000		98.4	67.7-132			
sec-Butylbenzene	0.0194	0.00500	mg/kg wet	0.02000		97.2	66.8-138			
Styrene	0.0198	0.00500	mg/kg wet	0.02000		99.2	63.5-135			
tert_Butylbenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	66.4-136			
Tetrachloroethene	0.0203	0.00500	mg/kg wet	0.02000		102	66.7-135			
Toluene	0.0204	0.00500	mg/kg wet	0.02000		102	70.4-130			
trans-1,2-Dichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.6	62.9-136			
trans-1,3-Dichloropropene	0.0204	0.00500	mg/kg wet	0.02000		102	67.3-132			
Trichloroethene	0.0201	0.00500	mg/kg wet	0.02000		101	66.6-132			
Trichlorofluoromethane	0.0218	0.00500	mg/kg wet	0.02000		109	48.2-151			
Vinyl Chloride	0.0195	0.00500	mg/kg wet	0.02000		97.4	46.5-150			
Vinyl acetate	0.0199	0.0100	mg/kg wet	0.02000		99.6	37.7-176			
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*69-130*			
Surrogate: Dibromofluoromethane	*48.6*		*ug/L*	*50.00*		*97.3*	*66-136*			
Surrogate: Toluene-d8	*50.8*		*ug/L*	*50.00*		*102*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.00*		*97.3*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437116 - VOC PREP										
Matrix Spike (1437116-MS1)		**Source: 14I0010-01**		Prepared & Analyzed: 09/05/14						
1,1,1,2-Tetrachloroethane	9.66	2.54	mg/kg dry	10.15	ND	95.2	38-121			
1,1,1-Trichloroethane	8.96	2.54	mg/kg dry	10.15	ND	88.3	35-131			
1,1,2,2-Tetrachloroethane	10.1	2.54	mg/kg dry	10.15	ND	99.3	12-144			
1,1,2-Trichloroethane	10.1	2.54	mg/kg dry	10.15	ND	99.7	33-126			
1,1-Dichloroethane	9.88	2.54	mg/kg dry	10.15	ND	97.3	44-119			
1,1-Dichloroethene	8.89	2.54	mg/kg dry	10.15	ND	87.5	31-125			
1,1-Dichloropropene	8.85	2.54	mg/kg dry	10.15	ND	87.2	34-126			
1,2,3-Trichlorobenzene	9.33	2.54	mg/kg dry	10.15	ND	91.9	10-110			
1,2,3-Trichloropropane	10.0	2.54	mg/kg dry	10.15	ND	98.7	10-136			
1,2,4-Trichlorobenzene	9.34	2.54	mg/kg dry	10.15	ND	92.0	10-87			M
1,2,4-Trimethylbenzene	9.57	2.54	mg/kg dry	10.15	ND	94.3	14-129			
1,2-Dibromo-3-chloropropane	9.61	5.07	mg/kg dry	10.15	ND	94.7	10-148			
1,2-Dibromoethane	9.87	2.54	mg/kg dry	10.15	ND	97.2	31-123			
1,2-Dichlorobenzene	9.79	2.54	mg/kg dry	10.15	ND	96.5	12-103			
1,2-Dichloroethane	10.1	2.54	mg/kg dry	10.15	ND	99.4	48-114			
1,2-Dichloropropane	10.0	2.54	mg/kg dry	10.15	ND	98.7	44-118			
1,3,5-Trimethylbenzene	9.36	2.54	mg/kg dry	10.15	ND	92.2	16-130			
1,3-Dichlorobenzene	9.56	2.54	mg/kg dry	10.15	ND	94.1	12-106			
1,3-Dichloropropane	10.2	2.54	mg/kg dry	10.15	ND	100	31-128			
1,4-Dichlorobenzene	9.57	2.54	mg/kg dry	10.15	ND	94.2	12-102			
2-Butanone	20.3	10.1	mg/kg dry	20.30	ND	100	10-159			
2-Chlorotoluene	9.84	2.54	mg/kg dry	10.15	ND	96.9	18-108			
2-Hexanone	20.8	10.1	mg/kg dry	20.30	ND	102	10-194			
4-Chlorotoluene	9.65	2.54	mg/kg dry	10.15	ND	95.1	10-116			
4-Isopropyltoluene	9.09	2.54	mg/kg dry	10.15	ND	89.5	16-123			
4-Methyl-2-pentanone	19.7	10.1	mg/kg dry	20.30	ND	97.0	10-186			
Acetone	20.1	25.4	mg/kg dry	20.30	ND	99.0	10-218			J
Acetonitrile	10.6	20.3	mg/kg dry	10.15	ND	104	22-170			J
Acrolein	20.1	25.4	mg/kg dry	20.30	ND	98.9	10-200			J
Acrylonitrile	10.1	10.1	mg/kg dry	10.15	ND	99.5	22-140			
Allyl chloride	9.63	5.07	mg/kg dry	10.15	ND	94.9	28-128			
Benzene	9.70	2.54	mg/kg dry	10.15	ND	95.6	39-126			
Bromobenzene	9.86	2.54	mg/kg dry	10.15	ND	97.1	15-109			
Bromochloromethane	9.97	2.54	mg/kg dry	10.15	ND	98.2	47-124			
Bromodichloromethane	9.87	2.54	mg/kg dry	10.15	ND	97.2	40-114			
Bromoform	9.55	2.54	mg/kg dry	10.15	ND	94.1	19-119			
Bromomethane	8.19	2.54	mg/kg dry	10.15	ND	80.6	10-173			
Carbon Disulfide	9.11	10.1	mg/kg dry	10.15	ND	89.7	17-133			J
Carbon Tetrachloride	8.46	2.54	mg/kg dry	10.15	ND	83.4	23-128			
Chlorobenzene	9.76	2.54	mg/kg dry	10.15	ND	96.1	27-111			
Chloroethane	9.33	2.54	mg/kg dry	10.15	ND	91.9	17-153			
Chloroform	9.66	2.54	mg/kg dry	10.15	ND	95.1	35-130			
Chloromethane	9.83	2.54	mg/kg dry	10.15	ND	96.8	22-139			
cis-1,2-Dichloroethene	10.2	2.54	mg/kg dry	10.15	ND	101	42-118			
cis-1,3-Dichloropropene	9.99	2.54	mg/kg dry	10.15	ND	98.4	27-113			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437116 - VOC PREP										
Matrix Spike (1437116-MS1)		**Source: 14I0010-01**		Prepared & Analyzed: 09/05/14						
Dibromochloromethane	9.45	2.54	mg/kg dry	10.15	ND	93.1	29-122			
Dibromomethane	10.1	2.54	mg/kg dry	10.15	ND	99.6	39-126			
Dichlorodifluoromethane	7.72	2.54	mg/kg dry	10.15	ND	76.1	10-184			
Ethylbenzene	9.66	2.54	mg/kg dry	10.15	7.16	24.6	27-117			M
Hexachlorobutadiene	8.36	2.54	mg/kg dry	10.15	ND	82.4	10-115			
Iodomethane	7.92	5.07	mg/kg dry	10.15	ND	78.0	10-127			
Isopropylbenzene	9.16	2.54	mg/kg dry	10.15	ND	90.3	24-119			
Methylene Chloride	10.1	2.54	mg/kg dry	10.15	ND	99.7	10-179			
Methyl tert-Butyl Ether	10.3	5.07	mg/kg dry	10.15	ND	101	38-126			
m,p-Xylene	19.6	5.07	mg/kg dry	20.30	20.4	NR	26-114			M
Naphthalene	9.61	2.54	mg/kg dry	10.15	ND	94.7	10-114			
n-Butylbenzene	9.07	2.54	mg/kg dry	10.15	ND	89.4	10-118			
n-Hexane	7.82	2.54	mg/kg dry	10.15	ND	77.0	10-122			
n-Propylbenzene	9.48	2.54	mg/kg dry	10.15	ND	93.4	16-114			
o-Xylene	9.86	2.54	mg/kg dry	10.15	2.05	76.9	28-119			
sec-Butylbenzene	8.96	2.54	mg/kg dry	10.15	ND	88.3	10-144			
Styrene	9.79	2.54	mg/kg dry	10.15	ND	96.4	17-104			
tert_Butylbenzene	9.03	2.54	mg/kg dry	10.15	ND	89.0	12-152			
Tetrachloroethene	9.12	2.54	mg/kg dry	10.15	ND	89.9	24-114			
Toluene	9.64	2.54	mg/kg dry	10.15	ND	95.0	32-121			
trans-1,2-Dichloroethene	9.46	2.54	mg/kg dry	10.15	ND	93.2	32-122			
trans-1,3-Dichloropropene	10.0	2.54	mg/kg dry	10.15	ND	99.0	19-109			
Trichloroethene	9.09	2.54	mg/kg dry	10.15	ND	89.5	42-109			
Trichlorofluoromethane	8.99	2.54	mg/kg dry	10.15	ND	88.5	10-158			
Vinyl Chloride	8.45	2.54	mg/kg dry	10.15	ND	83.2	22-143			
Vinyl acetate	9.52	5.07	mg/kg dry	10.15	ND	93.8	10-127			
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/L*	*50.00*		*99.9*	*69-130*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*50.2*		*ug/L*	*50.00*		*100*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.00*		*101*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
Blank (1437225-BLK1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	0.00150	0.0200	mg/kg wet							J
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
Blank (1437225-BLK1)				Prepared & Analyzed: 09/10/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	0.00292	0.00500	mg/kg wet							J
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*51.9*		*ug/L*	*50.00*		*104*	*69-130*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50.00*		*101*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.00*		*104*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
LCS (1437225-BS1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	0.0192	0.00500	mg/kg wet	0.02000		95.9	69.2-126			
1,1,1-Trichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	65.1-133			
1,1,2,2-Tetrachloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	68.5-131			
1,1,2-Trichloroethane	0.0213	0.00500	mg/kg wet	0.02000		106	71.5-128			
1,1-Dichloroethane	0.0210	0.00500	mg/kg wet	0.02000		105	65.5-131			
1,1-Dichloroethene	0.0207	0.00500	mg/kg wet	0.02000		103	54.4-139			
1,1-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	66.6-132			
1,2,3-Trichlorobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.2	56.3-154			
1,2,3-Trichloropropane	0.0209	0.00500	mg/kg wet	0.02000		104	65.6-132			
1,2,4-Trichlorobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.0	56.2-151			
1,2,4-Trimethylbenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	61.2-140			
1,2-Dibromo-3-chloropropane	0.0185	0.0100	mg/kg wet	0.02000		92.4	57.4-144			
1,2-Dibromoethane	0.0195	0.00500	mg/kg wet	0.02000		97.4	69.5-126			
1,2-Dichlorobenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	66.4-137			
1,2-Dichloroethane	0.0216	0.00500	mg/kg wet	0.02000		108	65.4-131			
1,2-Dichloropropane	0.0213	0.00500	mg/kg wet	0.02000		106	71-126			
1,3,5-Trimethylbenzene	0.0194	0.00500	mg/kg wet	0.02000		97.0	62.1-138			
1,3-Dichlorobenzene	0.0195	0.00500	mg/kg wet	0.02000		97.4	64.7-139			
1,3-Dichloropropane	0.0212	0.00500	mg/kg wet	0.02000		106	70.1-128			
1,4-Dichlorobenzene	0.0194	0.00500	mg/kg wet	0.02000		97.2	63.6-139			
2-Butanone	0.0403	0.0200	mg/kg wet	0.04000		101	57.3-143			
2-Chlorotoluene	0.0209	0.00500	mg/kg wet	0.02000		105	63-137			
2-Hexanone	0.0433	0.0200	mg/kg wet	0.04000		108	55.1-147			
4-Chlorotoluene	0.0193	0.00500	mg/kg wet	0.02000		96.3	62.3-139			
4-Isopropyltoluene	0.0192	0.00500	mg/kg wet	0.02000		95.8	61.5-141			
4-Methyl-2-pentanone	0.0402	0.0200	mg/kg wet	0.04000		100	60.1-138			
Acetone	0.0374	0.0500	mg/kg wet	0.04000		93.6	23.8-186			J
Acetonitrile	0.0208	0.0400	mg/kg wet	0.02000		104	42.6-157			J
Acrolein	0.0376	0.0500	mg/kg wet	0.04000		93.9	10-200			J
Acrylonitrile	0.0204	0.0200	mg/kg wet	0.02000		102	58.4-135			
Allyl chloride	0.0203	0.0100	mg/kg wet	0.02000		102	61.2-134			
Benzene	0.0207	0.00500	mg/kg wet	0.02000		103	71.3-126			
Bromobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.5	66.9-133			
Bromochloromethane	0.0189	0.00500	mg/kg wet	0.02000		94.6	67.1-133			
Bromodichloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	65.8-128			
Bromoform	0.0191	0.00500	mg/kg wet	0.02000		95.6	61.1-129			
Carbon Disulfide	0.0186	0.0200	mg/kg wet	0.02000		93.1	38.3-151			J
Carbon Tetrachloride	0.0199	0.00500	mg/kg wet	0.02000		99.6	64.6-133			
Chlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		98.8	69.4-131			
Chloroethane	0.0215	0.00500	mg/kg wet	0.02000		108	36.6-158			
Chloroform	0.0204	0.00500	mg/kg wet	0.02000		102	68.4-130			
Chloromethane	0.0212	0.00500	mg/kg wet	0.02000		106	56.9-150			
cis-1,2-Dichloroethene	0.0209	0.00500	mg/kg wet	0.02000		104	66.4-132			
cis-1,3-Dichloropropene	0.0209	0.00500	mg/kg wet	0.02000		105	68-129			
Dibromochloromethane	0.0188	0.00500	mg/kg wet	0.02000		93.9	66-127			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
LCS (1437225-BS1)				Prepared & Analyzed: 09/10/14						
Dibromomethane	0.0202	0.00500	mg/kg wet	0.02000		101	65.9-130			
Dichlorodifluoromethane	0.0206	0.00500	mg/kg wet	0.02000		103	55-166			
Ethylbenzene	0.0205	0.00500	mg/kg wet	0.02000		102	70-130			
Hexachlorobutadiene	0.0198	0.00500	mg/kg wet	0.02000		98.8	50.5-166			
Isopropylbenzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	69.8-132			
Methylene Chloride	0.0197	0.00500	mg/kg wet	0.02000		98.7	47-134			
Methyl tert-Butyl Ether	0.0201	0.0100	mg/kg wet	0.02000		101	59.4-132			
m,p-Xylene	0.0410	0.0100	mg/kg wet	0.04000		102	68-134			
Naphthalene	0.0185	0.00500	mg/kg wet	0.02000		92.7	51.2-154			
n-Butylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	57.6-149			
n-Hexane	0.0211	0.00500	mg/kg wet	0.02000		106	33.5-149			
n-Propylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	67-138			
o-Xylene	0.0197	0.00500	mg/kg wet	0.02000		98.4	67.7-132			
sec-Butylbenzene	0.0195	0.00500	mg/kg wet	0.02000		97.3	66.8-138			
Styrene	0.0197	0.00500	mg/kg wet	0.02000		98.3	63.5-135			
tert_Butylbenzene	0.0191	0.00500	mg/kg wet	0.02000		95.7	66.4-136			
Tetrachloroethene	0.0196	0.00500	mg/kg wet	0.02000		98.0	66.7-135			
Toluene	0.0204	0.00500	mg/kg wet	0.02000		102	70.4-130			
trans-1,2-Dichloroethene	0.0191	0.00500	mg/kg wet	0.02000		95.3	62.9-136			
trans-1,3-Dichloropropene	0.0213	0.00500	mg/kg wet	0.02000		107	67.3-132			
Trichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.5	66.6-132			
Trichlorofluoromethane	0.0225	0.00500	mg/kg wet	0.02000		113	48.2-151			
Vinyl Chloride	0.0206	0.00500	mg/kg wet	0.02000		103	46.5-150			
Vinyl acetate	0.0207	0.0100	mg/kg wet	0.02000		103	37.7-176			
Surrogate: 4-Bromofluorobenzene	*51.2*		*ug/L*	*50.00*		*102*	*69-130*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*51.3*		*ug/L*	*50.00*		*103*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.00*		*99.8*	*67-136*			

Notes and Definitions

S-02	The surrogate recovery is outside of accpetance limits high, but there were no target analytes present in the sample.
M	Matrix spike and/or matrix spike duplicate recovery outside of acceptance limits.
J	Analyte detected below quantitation limits. Estimated concentration for TICs.
A-01	Sample reporting limit elevated due to high levels of target analytes.
BDL	Analyte is below detection limits
	Sample preservation was met unless otherwise noted.

Belmont Labs
The Environmental Service Company.

ANALYTICAL REQUEST
CHAIN OF CUSTODY

Internal Lab Order Number 14I0129

Purchase Order No.	Quote No.	Client Project

INVOICE TO
Name: Esther Buzuvis
Company: SME
Address: 43980 Plymouth Oaks Blvd ~~9375 Chillicothe Rd~~ Lea
City, State, Zip: Plymouth, MI 48170 ~~Kirtland, OH 44094~~ Lea

REPORT TO
Name: Ann Winegar / Lauren Armeni
Company: SME
Mailing Address: 9375 Chillicothe Rd.
City, State, Zip: Kirtland, OH 44094
Phone No:
Email Address: winegar@sme-usa.com

☐ Rush analysis required - results required by _____ (Date)
Contact Belmont Labs prior to sending rush samples

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type:
☐ NPDES ☐ BUSTR
☐ RCRA ☐ NELAC
☐ SDWA
☒ VAP
☐ Other
Collected in State of _____

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers (18)	VOCs	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	Lab Only
SB14 (18-18.50')	9/2/14	1225		X	S	3	HOLD for possible analysis								
SB11 (20-20.50')	9/3/14	850		X	S	3	X								
Dup-S	9/3/14	—		X	S	3	X								
Trip blank	9/2/14	—	—			3	X								
SB10 (22-22.50')	9/3/14	1320		X	S	3	X								
SB9 (22-22.50')	↓	1410		X	S	3	X								

CHAIN OF CUSTODY (if required)
Relinquished by: Lauren Armeni Date/Time 9/3/14 1415 Received by: [signature] Date/Time 9-3-2014 1410
Relinquished by: Date/Time Received at lab by: [signature] Date/Time 9-3-2014 1605
Method of Shipment: BC Cooler Temp. COOLER on ICE Custody Seals ☐ Yes ☒ No

Sampled by _____ Date _____ 12C Client Comments

Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868 • www.belmontlabs.com
Failure to complete all portions of this form may delay analysis.

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Client

Belmont Labs **Date:** 9/16/2014

Sample Receipt Summary

14I0129

Client:	Soil and Materials Engineers, Inc. - Kirtland	Project Manager:	Jason Lykins
Project:	Ohio VAP Analysis	Project Number:	Ohio VAP Analysis 217 South 2

Report To:
Ann Winegar
9375 Chillicothe Road
Kirtland OH 44094
Phone: (440) 256-6500
Fax: -

WO Due Date:	9/16/2014 5:00:00PM
TAT (Days):	9
Received By:	Ron DeLaet
Received:	9/3/2014 4:05:00PM
Logged In By:	Jason Lykins
Logged In:	9/3/2014 4:47:00PM

Receipt Temp (C):	**12.0**
Custody Seals	False
Container Intact	True
COC/Labels agree	True
Received on ice	True
VOC vials had zero head space	True
Approved Container	True
Sufficient volume received	True
Received within HT	True
Shipped By:	**Belmont Labs**

Samples Received:

Laboratory ID:	Field ID:	Date/Time Sampled:	Matrix:
14I0129-01	SB14 (18-18.50)	9/2/2014 12:25:00PM	Soil
14I0129-02	SB11 (20-20.50)	9/3/2014 8:50:00AM	Soil
14I0129-03	Dup - S	9/3/2014 12:00:00AM	Soil
14I0129-04	SB10 (22-22.50)	9/3/2014 1:20:00PM	Soil
14I0129-05	SB9 (22-22.50)	9/3/2014 2:10:00PM	Soil
14I0129-06	Trip Blank	9/2/2014 12:25:00PM	Water

Sample Notes:

Tuesday, September 16, 2014

Analytical Results

Ann Winegar

Soil and Materials Engineers, Inc. - Kirtland
9375 Chillicothe Road
Kirtland, OH 44094

TEL: (440) 256-6500

FAX -

RE: Ohio VAP Analysis 217 South 21st Street, Newark,O Work Order: 14I0235

Belmont Labs received 9 sample(s) on 9/4/2014 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Jason Lykins
Project Manager

Certifications: NELAP/NELAC - #04130 VAP - #CL0032
Ohio EPA Drinking water - #836 Ohio EPA Drinking water (Micro) - #872

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Work Order Sample Summary

The results of analyses performed on the following samples submitted to Belmont Labs are found in this report.

Field Sample ID	Lab ID	Matrix	Method Reference	Subcontract Lab
SB8 (12-12-50')	14I0235-01	Soil	D 2216	
			SW 8260B	
SB7 (12-12-50')	14I0235-02	Soil	D 2216	
			SW 8260B	
SB6 (18-18.50')	14I0235-03	Soil	D 2216	
			SW 8260B	
SB23 (14-14.5')	14I0235-04	Soil	D 2216	
			SW 8260B	
SB20 (12-12.5')	14I0235-05	Soil	D 2216	
			SW 8260B	
SB24 (0.5-1')	14I0235-06	Soil	D 2216	
			SW 8260B	
Dup - S	14I0235-07	Soil	D 2216	
			SW 8260B	
SB25 (16-16.5')	14I0235-08	Soil	D 2216	
			SW 8260B	
SB22 (16-16.5')	14I0235-09	Soil	D 2216	
			SW 8260B	

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-01 **Collection Date:** 9/3/2014 2:55:00PM
Client Sample ID: SB8 (12-12-50') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.167	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,1,1-Trichloroethane	BDL	0.347	0.556	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,1,2,2-Tetrachloroethane	BDL	0.155	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,1,2-Trichloroethane	BDL	0.221	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,1-Dichloroethane	BDL	0.293	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,1-Dichloroethene	BDL	0.472	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,1-Dichloropropene	BDL	0.354	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2,3-Trichlorobenzene	BDL	0.162	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2,3-Trichloropropane	BDL	0.352	0.556	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2,4-Trichlorobenzene	BDL	0.186	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2,4-Trimethylbenzene	BDL	0.230	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2-Dibromo-3-chloropropane	BDL	0.223	2.78	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2-Dibromoethane	BDL	0.157	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2-Dichlorobenzene	BDL	0.192	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2-Dichloroethane	BDL	0.288	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,2-Dichloropropane	BDL	0.197	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,3,5-Trimethylbenzene	BDL	0.255	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,3-Dichlorobenzene	BDL	0.193	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,3-Dichloropropane	BDL	0.175	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
1,4-Dichlorobenzene	BDL	0.158	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
2,2-Dichloropropane	BDL	0.415	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
2-Butanone	BDL	0.391	5.56	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
2-Chlorotoluene	BDL	0.226	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
2-Hexanone	BDL	1.25	5.56	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
4-Chlorotoluene	BDL	0.225	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
4-Isopropyltoluene	BDL	0.374	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
4-Methyl-2-pentanone	BDL	0.800	5.56	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Acetone	BDL	3.78	13.9	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Acetonitrile	BDL	2.74	11.1	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Acrolein	BDL	2.05	13.9	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Acrylonitrile	BDL	0.315	5.56	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Allyl chloride	BDL	0.307	2.78	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Benzene	BDL	0.225	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Bromobenzene	BDL	0.216	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Bromochloromethane	BDL	0.170	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Bromodichloromethane	BDL	0.219	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Bromoform	BDL	0.168	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Bromomethane	BDL	0.218	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Carbon Disulfide	BDL	0.433	5.56	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Carbon Tetrachloride	BDL	0.403	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Chlorobenzene	BDL	0.212	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Chloroethane	BDL	0.399	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-01 **Collection Date:** 9/3/2014 2:55:00PM
Client Sample ID: SB8 (12-12-50') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.285	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Chloromethane	BDL	0.217	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
cis-1,2-Dichloroethene	BDL	0.254	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
cis-1,3-Dichloropropene	BDL	0.181	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Dibromochloromethane	BDL	0.170	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Dibromomethane	BDL	0.215	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Dichlorodifluoromethane	BDL	0.596	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Ethylbenzene	BDL	0.320	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Hexachlorobutadiene	BDL	0.644	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Iodomethane	BDL	0.412	2.78	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Isopropylbenzene	BDL	0.286	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Methylene Chloride	BDL	0.450	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Methyl tert-Butyl Ether	**0.703**	0.321	2.78	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
m,p-Xylene	BDL	0.541	2.78	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Naphthalene	BDL	0.174	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
n-Butylbenzene	BDL	0.447	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
n-Hexane	BDL	0.677	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
n-Propylbenzene	BDL	0.299	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
o-Xylene	BDL	0.201	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
sec-Butylbenzene	BDL	0.380	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Styrene	BDL	0.268	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
tert_Butylbenzene	BDL	0.346	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Tetrachloroethene	**265**	16.1	55.6		mg/kg dry	10000	1437225	9/10/2014 10:52:00AM	9/10/2014 2:51:00PM
Toluene	BDL	0.242	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
trans-1,2-Dichloroethene	BDL	0.331	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
trans-1,3-Dichloropropene	BDL	0.238	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Trichloroethene	**0.634**	0.308	0.556		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Trichlorofluoromethane	BDL	0.501	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Vinyl Chloride	BDL	0.504	1.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Vinyl acetate	BDL	0.540	2.78	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:51:00PM
Surrogate: 4-Bromofluorobenzene		*99.9 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Surrogate: Dibromofluoromethane		*105 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Surrogate: Dibromofluoromethane		*100 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:51:00PM
Surrogate: Toluene-d8		*101 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:51:00PM
Surrogate: Toluene-d8		*99.6 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
Surrogate: 1,2-Dichloroethane-d4		*104 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:51:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:13:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**5.91**				% by Weight	1	1437233	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0235

Lab ID: 14I0235-01
Client Sample ID: SB8 (12-12-50')
Collection Date: 9/3/2014 2:55:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-02 **Collection Date:** 9/3/2014 3:30:00PM
Client Sample ID: SB7 (12-12-50') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.146	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,1,1-Trichloroethane	BDL	0.302	0.484	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,1,2,2-Tetrachloroethane	BDL	0.135	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,1,2-Trichloroethane	BDL	0.193	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,1-Dichloroethane	BDL	0.256	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,1-Dichloroethene	BDL	0.411	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,1-Dichloropropene	BDL	0.309	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2,3-Trichlorobenzene	BDL	0.141	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2,3-Trichloropropane	BDL	0.307	0.484	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2,4-Trichlorobenzene	BDL	0.162	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2,4-Trimethylbenzene	BDL	0.200	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2-Dibromo-3-chloropropane	BDL	0.195	2.42	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2-Dibromoethane	BDL	0.137	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2-Dichlorobenzene	BDL	0.168	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2-Dichloroethane	BDL	0.251	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,2-Dichloropropane	BDL	0.171	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,3,5-Trimethylbenzene	BDL	0.222	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,3-Dichlorobenzene	BDL	0.168	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,3-Dichloropropane	BDL	0.152	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
1,4-Dichlorobenzene	BDL	0.138	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
2,2-Dichloropropane	BDL	0.361	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
2-Butanone	BDL	0.341	4.84	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
2-Chlorotoluene	BDL	0.197	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
2-Hexanone	BDL	1.09	4.84	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
4-Chlorotoluene	BDL	0.196	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
4-Isopropyltoluene	BDL	0.326	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
4-Methyl-2-pentanone	BDL	0.697	4.84	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Acetone	BDL	3.29	12.1	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Acetonitrile	BDL	2.39	9.69	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Acrolein	BDL	1.79	12.1	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Acrylonitrile	BDL	0.274	4.84	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Allyl chloride	BDL	0.268	2.42	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Benzene	BDL	0.196	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Bromobenzene	BDL	0.188	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Bromochloromethane	BDL	0.148	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Bromodichloromethane	BDL	0.191	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Bromoform	BDL	0.146	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Bromomethane	BDL	0.190	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Carbon Disulfide	BDL	0.377	4.84	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Carbon Tetrachloride	BDL	0.351	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Chlorobenzene	BDL	0.185	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Chloroethane	BDL	0.347	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-02 **Collection Date:** 9/3/2014 3:30:00PM
Client Sample ID: SB7 (12-12-50') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.248	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Chloromethane	BDL	0.189	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
cis-1,2-Dichloroethene	BDL	0.221	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
cis-1,3-Dichloropropene	BDL	0.157	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Dibromochloromethane	BDL	0.148	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Dibromomethane	BDL	0.188	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Dichlorodifluoromethane	BDL	0.519	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Ethylbenzene	BDL	0.279	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Hexachlorobutadiene	BDL	0.561	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Iodomethane	BDL	0.359	2.42	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Isopropylbenzene	BDL	0.249	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Methylene Chloride	BDL	0.392	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Methyl tert-Butyl Ether	**0.739**	0.280	2.42	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
m,p-Xylene	BDL	0.471	2.42	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Naphthalene	BDL	0.152	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
n-Butylbenzene	BDL	0.390	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
n-Hexane	BDL	0.590	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
n-Propylbenzene	BDL	0.260	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
o-Xylene	BDL	0.175	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
sec-Butylbenzene	BDL	0.331	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Styrene	BDL	0.233	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
tert_Butylbenzene	BDL	0.302	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Tetrachloroethene	**120**	14.0	48.4		mg/kg dry	10000	1437225	9/10/2014 10:52:00AM	9/10/2014 3:26:00PM
Toluene	BDL	0.211	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
trans-1,2-Dichloroethene	BDL	0.289	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
trans-1,3-Dichloropropene	BDL	0.207	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Trichloroethene	**0.477**	0.268	0.484	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Trichlorofluoromethane	BDL	0.437	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Vinyl Chloride	BDL	0.439	1.21	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Vinyl acetate	BDL	0.470	2.42	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Surrogate: 4-Bromofluorobenzene		*104 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 3:26:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Surrogate: Dibromofluoromethane		*103 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Surrogate: Dibromofluoromethane		*98.1 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 3:26:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 3:26:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 3:26:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 8:47:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**6.50**				% by Weight	1	1437233	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0235

Lab ID: 14I0235-02
Client Sample ID: SB7 (12-12-50')
Collection Date: 9/3/2014 3:30:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-03 **Collection Date:** 9/3/2014 4:10:00PM
Client Sample ID: SB6 (18-18.50') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.174	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,1,1-Trichloroethane	**0.855**	0.361	0.577		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,1,2,2-Tetrachloroethane	BDL	0.161	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,1,2-Trichloroethane	BDL	0.230	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,1-Dichloroethane	BDL	0.305	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,1-Dichloroethene	BDL	0.491	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,1-Dichloropropene	BDL	0.368	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2,3-Trichlorobenzene	BDL	0.168	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2,3-Trichloropropane	BDL	0.366	0.577	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2,4-Trichlorobenzene	BDL	0.193	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2,4-Trimethylbenzene	BDL	0.239	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2-Dibromo-3-chloropropane	BDL	0.232	2.89	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2-Dibromoethane	BDL	0.163	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2-Dichlorobenzene	BDL	0.200	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2-Dichloroethane	BDL	0.299	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,2-Dichloropropane	BDL	0.204	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,3,5-Trimethylbenzene	BDL	0.264	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,3-Dichlorobenzene	BDL	0.200	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,3-Dichloropropane	BDL	0.182	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
1,4-Dichlorobenzene	BDL	0.165	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
2,2-Dichloropropane	BDL	0.431	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
2-Butanone	BDL	0.406	5.77	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
2-Chlorotoluene	BDL	0.235	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
2-Hexanone	BDL	1.30	5.77	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
4-Chlorotoluene	BDL	0.234	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
4-Isopropyltoluene	BDL	0.389	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
4-Methyl-2-pentanone	BDL	0.832	5.77	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Acetone	BDL	3.92	14.4	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Acetonitrile	BDL	2.85	11.5	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Acrolein	BDL	2.13	14.4	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Acrylonitrile	BDL	0.327	5.77	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Allyl chloride	BDL	0.319	2.89	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Benzene	BDL	0.234	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Bromobenzene	BDL	0.224	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Bromochloromethane	BDL	0.177	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Bromodichloromethane	BDL	0.228	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Bromoform	BDL	0.174	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Bromomethane	BDL	0.226	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Carbon Disulfide	BDL	0.450	5.77	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Carbon Tetrachloride	BDL	0.419	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Chlorobenzene	BDL	0.220	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Chloroethane	BDL	0.414	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-03 **Collection Date:** 9/3/2014 4:10:00PM
Client Sample ID: SB6 (18-18.50') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.296	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Chloromethane	BDL	0.225	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
cis-1,2-Dichloroethene	BDL	0.264	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
cis-1,3-Dichloropropene	BDL	0.188	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Dibromochloromethane	BDL	0.177	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Dibromomethane	BDL	0.224	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Dichlorodifluoromethane	BDL	0.619	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Ethylbenzene	BDL	0.332	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Hexachlorobutadiene	BDL	0.669	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Iodomethane	BDL	0.428	2.89	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Isopropylbenzene	BDL	0.297	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Methylene Chloride	BDL	0.467	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Methyl tert-Butyl Ether	**0.736**	0.334	2.89	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
m,p-Xylene	BDL	0.562	2.89	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Naphthalene	BDL	0.181	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
n-Butylbenzene	BDL	0.465	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
n-Hexane	BDL	0.704	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
n-Propylbenzene	BDL	0.310	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
o-Xylene	BDL	0.208	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
sec-Butylbenzene	BDL	0.395	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Styrene	BDL	0.278	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
tert_Butylbenzene	BDL	0.360	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Tetrachloroethene	**353**	16.7	57.7		mg/kg dry	10000	1437225	9/10/2014 10:52:00AM	9/10/2014 4:00:00PM
Toluene	BDL	0.252	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
trans-1,2-Dichloroethene	BDL	0.344	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
trans-1,3-Dichloropropene	BDL	0.247	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Trichloroethene	**2.22**	0.320	0.577		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Trichlorofluoromethane	BDL	0.521	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Vinyl Chloride	BDL	0.523	1.44	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Vinyl acetate	BDL	0.561	2.89	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:00:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Surrogate: Dibromofluoromethane		*105 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Surrogate: Dibromofluoromethane		*101 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:00:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:00:00PM
Surrogate: Toluene-d8		*105 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:00:00PM
Surrogate: 1,2-Dichloroethane-d4		*106 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 9:21:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**12.4**				% by Weight	1	1437233	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0235

Lab ID: 14I0235-03
Client Sample ID: SB6 (18-18.50')
Collection Date: 9/3/2014 4:10:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-04 **Collection Date:** 9/4/2014 8:45:00AM
Client Sample ID: SB23 (14-14.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.141	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,1,1-Trichloroethane	BDL	0.293	0.469	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,1,2,2-Tetrachloroethane	BDL	0.130	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,1,2-Trichloroethane	BDL	0.187	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,1-Dichloroethane	BDL	0.248	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,1-Dichloroethene	BDL	0.399	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,1-Dichloropropene	BDL	0.299	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2,3-Trichlorobenzene	BDL	0.137	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2,3-Trichloropropane	BDL	0.298	0.469	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2,4-Trichlorobenzene	BDL	0.157	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2,4-Trimethylbenzene	BDL	0.194	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2-Dibromo-3-chloropropane	BDL	0.189	2.35	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2-Dibromoethane	BDL	0.133	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2-Dichlorobenzene	BDL	0.162	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2-Dichloroethane	BDL	0.243	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,2-Dichloropropane	BDL	0.166	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,3,5-Trimethylbenzene	BDL	0.215	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,3-Dichlorobenzene	BDL	0.163	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,3-Dichloropropane	BDL	0.148	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
1,4-Dichlorobenzene	BDL	0.134	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
2,2-Dichloropropane	BDL	0.350	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
2-Butanone	BDL	0.330	4.69	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
2-Chlorotoluene	BDL	0.191	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
2-Hexanone	BDL	1.06	4.69	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
4-Chlorotoluene	BDL	0.190	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
4-Isopropyltoluene	BDL	0.316	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
4-Methyl-2-pentanone	BDL	0.676	4.69	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Acetone	BDL	3.19	11.7	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Acetonitrile	BDL	2.31	9.39	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Acrolein	BDL	1.73	11.7	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Acrylonitrile	BDL	0.266	4.69	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Allyl chloride	BDL	0.260	2.35	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Benzene	BDL	0.190	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Bromobenzene	BDL	0.182	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Bromochloromethane	BDL	0.144	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Bromodichloromethane	BDL	0.185	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Bromoform	BDL	0.142	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Bromomethane	BDL	0.184	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Carbon Disulfide	BDL	0.365	4.69	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Carbon Tetrachloride	BDL	0.340	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Chlorobenzene	BDL	0.179	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Chloroethane	BDL	0.337	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-04 **Collection Date:** 9/4/2014 8:45:00AM
Client Sample ID: SB23 (14-14.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.241	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Chloromethane	BDL	0.183	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
cis-1,2-Dichloroethene	BDL	0.214	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
cis-1,3-Dichloropropene	BDL	0.153	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Dibromochloromethane	BDL	0.144	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Dibromomethane	BDL	0.182	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Dichlorodifluoromethane	BDL	0.503	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Ethylbenzene	BDL	0.270	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Hexachlorobutadiene	BDL	0.543	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Iodomethane	BDL	0.348	2.35	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Isopropylbenzene	BDL	0.241	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Methylene Chloride	BDL	0.380	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Methyl tert-Butyl Ether	**0.566**	0.271	2.35	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
m,p-Xylene	BDL	0.457	2.35	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Naphthalene	BDL	0.147	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
n-Butylbenzene	BDL	0.378	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
n-Hexane	BDL	0.572	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
n-Propylbenzene	BDL	0.252	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
o-Xylene	BDL	0.169	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
sec-Butylbenzene	BDL	0.321	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Styrene	BDL	0.226	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
tert_Butylbenzene	BDL	0.292	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Tetrachloroethene	**65.8**	1.36	4.69		mg/kg dry	1000	1437225	9/10/2014 10:52:00AM	9/10/2014 1:08:00PM
Toluene	BDL	0.205	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
trans-1,2-Dichloroethene	BDL	0.280	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
trans-1,3-Dichloropropene	BDL	0.201	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Trichloroethene	**0.695**	0.260	0.469		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Trichlorofluoromethane	BDL	0.423	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Vinyl Chloride	BDL	0.425	1.17	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Vinyl acetate	BDL	0.456	2.35	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:08:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Surrogate: Dibromofluoromethane		*105 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Surrogate: Dibromofluoromethane		*96.3 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:08:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:08:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:08:00PM
Surrogate: 1,2-Dichloroethane-d4		*104 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:39:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**6.71**				% by Weight	1	1437233	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0235

Lab ID: 14I0235-04
Client Sample ID: SB23 (14-14.5')
Collection Date: 9/4/2014 8:45:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-05 **Collection Date:** 9/4/2014 9:20:00AM
Client Sample ID: SB20 (12-12.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.160	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,1,1-Trichloroethane	BDL	0.331	0.530	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,1,2,2-Tetrachloroethane	BDL	0.147	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,1,2-Trichloroethane	BDL	0.211	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,1-Dichloroethane	BDL	0.280	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,1-Dichloroethene	BDL	0.451	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,1-Dichloropropene	BDL	0.338	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2,3-Trichlorobenzene	BDL	0.155	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2,3-Trichloropropane	BDL	0.336	0.530	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2,4-Trichlorobenzene	BDL	0.177	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2,4-Trimethylbenzene	BDL	0.219	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2-Dibromo-3-chloropropane	BDL	0.213	2.65	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2-Dibromoethane	BDL	0.150	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2-Dichlorobenzene	BDL	0.184	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2-Dichloroethane	BDL	0.274	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,2-Dichloropropane	BDL	0.188	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,3,5-Trimethylbenzene	BDL	0.243	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,3-Dichlorobenzene	BDL	0.184	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,3-Dichloropropane	BDL	0.167	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
1,4-Dichlorobenzene	BDL	0.151	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
2,2-Dichloropropane	BDL	0.396	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
2-Butanone	BDL	0.373	5.30	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
2-Chlorotoluene	BDL	0.216	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
2-Hexanone	BDL	1.19	5.30	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
4-Chlorotoluene	BDL	0.215	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
4-Isopropyltoluene	BDL	0.357	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
4-Methyl-2-pentanone	BDL	0.764	5.30	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Acetone	BDL	3.60	13.3	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Acetonitrile	BDL	2.61	10.6	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Acrolein	BDL	1.95	13.3	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Acrylonitrile	BDL	0.300	5.30	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Allyl chloride	BDL	0.293	2.65	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Benzene	BDL	0.215	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Bromobenzene	BDL	0.206	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Bromochloromethane	BDL	0.163	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Bromodichloromethane	BDL	0.209	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Bromoform	BDL	0.160	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Bromomethane	BDL	0.208	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Carbon Disulfide	BDL	0.413	5.30	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Carbon Tetrachloride	BDL	0.385	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Chlorobenzene	BDL	0.202	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Chloroethane	BDL	0.380	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-05 **Collection Date:** 9/4/2014 9:20:00AM
Client Sample ID: SB20 (12-12.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.272	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Chloromethane	BDL	0.207	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
cis-1,2-Dichloroethene	BDL	0.242	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
cis-1,3-Dichloropropene	BDL	0.172	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Dibromochloromethane	BDL	0.163	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Dibromomethane	BDL	0.206	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Dichlorodifluoromethane	BDL	0.569	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Ethylbenzene	BDL	0.305	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Hexachlorobutadiene	BDL	0.614	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Iodomethane	BDL	0.393	2.65	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Isopropylbenzene	BDL	0.273	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Methylene Chloride	BDL	0.429	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Methyl tert-Butyl Ether	**0.544**	0.306	2.65	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
m,p-Xylene	BDL	0.516	2.65	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Naphthalene	BDL	0.166	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
n-Butylbenzene	BDL	0.427	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
n-Hexane	BDL	0.646	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
n-Propylbenzene	BDL	0.285	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
o-Xylene	BDL	0.191	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
sec-Butylbenzene	BDL	0.363	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Styrene	BDL	0.255	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
tert_Butylbenzene	BDL	0.330	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Tetrachloroethene	**19.2**	0.385	1.33		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Toluene	BDL	0.231	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
trans-1,2-Dichloroethene	BDL	0.316	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
trans-1,3-Dichloropropene	BDL	0.227	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Trichloroethene	BDL	0.294	0.530	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Trichlorofluoromethane	BDL	0.478	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Vinyl Chloride	BDL	0.481	1.33	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Vinyl acetate	BDL	0.515	2.65	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Surrogate: Dibromofluoromethane		*102 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Surrogate: Toluene-d8		*105 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 7:04:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**6.66**				% by Weight	1	1437233	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-06 **Collection Date:** 9/4/2014 10:30:00AM
Client Sample ID: SB24 (0.5-1') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.136	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,1,1-Trichloroethane	BDL	0.282	0.452	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,1,2,2-Tetrachloroethane	BDL	0.126	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,1,2-Trichloroethane	BDL	0.180	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,1-Dichloroethane	BDL	0.238	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,1-Dichloroethene	BDL	0.384	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,1-Dichloropropene	BDL	0.288	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2,3-Trichlorobenzene	BDL	0.132	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2,3-Trichloropropane	BDL	0.287	0.452	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2,4-Trichlorobenzene	BDL	0.151	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2,4-Trimethylbenzene	BDL	0.187	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2-Dibromo-3-chloropropane	BDL	0.182	2.26	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2-Dibromoethane	BDL	0.128	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2-Dichlorobenzene	BDL	0.156	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2-Dichloroethane	BDL	0.234	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,2-Dichloropropane	BDL	0.160	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,3,5-Trimethylbenzene	BDL	0.207	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,3-Dichlorobenzene	BDL	0.157	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,3-Dichloropropane	BDL	0.142	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
1,4-Dichlorobenzene	BDL	0.129	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
2,2-Dichloropropane	BDL	0.337	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
2-Butanone	BDL	0.318	4.52	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
2-Chlorotoluene	BDL	0.184	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
2-Hexanone	BDL	1.02	4.52	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
4-Chlorotoluene	BDL	0.183	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
4-Isopropyltoluene	BDL	0.304	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
4-Methyl-2-pentanone	BDL	0.651	4.52	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Acetone	BDL	3.07	11.3	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Acetonitrile	BDL	2.23	9.04	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Acrolein	BDL	1.67	11.3	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Acrylonitrile	BDL	0.256	4.52	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Allyl chloride	BDL	0.250	2.26	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Benzene	BDL	0.183	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Bromobenzene	BDL	0.175	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Bromochloromethane	BDL	0.139	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Bromodichloromethane	BDL	0.178	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Bromoform	BDL	0.136	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Bromomethane	BDL	0.177	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Carbon Disulfide	BDL	0.352	4.52	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Carbon Tetrachloride	BDL	0.328	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Chlorobenzene	BDL	0.172	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Chloroethane	BDL	0.324	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-06 **Collection Date:** 9/4/2014 10:30:00AM
Client Sample ID: SB24 (0.5-1') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.232	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Chloromethane	BDL	0.176	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
cis-1,2-Dichloroethene	BDL	0.206	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
cis-1,3-Dichloropropene	BDL	0.147	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Dibromochloromethane	BDL	0.139	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Dibromomethane	BDL	0.175	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Dichlorodifluoromethane	BDL	0.485	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Ethylbenzene	BDL	0.260	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Hexachlorobutadiene	BDL	0.524	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Iodomethane	BDL	0.335	2.26	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Isopropylbenzene	BDL	0.233	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Methylene Chloride	BDL	0.366	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Methyl tert-Butyl Ether	**0.491**	0.261	2.26	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
m,p-Xylene	BDL	0.440	2.26	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Naphthalene	BDL	0.142	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
n-Butylbenzene	BDL	0.364	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
n-Hexane	BDL	0.551	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
n-Propylbenzene	BDL	0.243	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
o-Xylene	BDL	0.163	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
sec-Butylbenzene	BDL	0.309	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Styrene	BDL	0.218	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
tert_Butylbenzene	BDL	0.282	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Tetrachloroethene	**19.0**	0.328	1.13		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Toluene	BDL	0.197	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
trans-1,2-Dichloroethene	BDL	0.269	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
trans-1,3-Dichloropropene	BDL	0.193	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Trichloroethene	BDL	0.250	0.452	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Trichlorofluoromethane	BDL	0.408	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Vinyl Chloride	BDL	0.410	1.13	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Vinyl acetate	BDL	0.439	2.26	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Surrogate: Dibromofluoromethane		*104 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
Surrogate: 1,2-Dichloroethane-d4		*104 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 6:30:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**3.83**				% by Weight	1	1437233	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-07 **Collection Date:** 9/4/2014 12:00:00AM
Client Sample ID: Dup - S **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.139	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,1,1-Trichloroethane	BDL	0.289	0.463	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,1,2,2-Tetrachloroethane	BDL	0.129	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,1,2-Trichloroethane	BDL	0.184	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,1-Dichloroethane	BDL	0.244	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,1-Dichloroethene	BDL	0.393	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,1-Dichloropropene	BDL	0.295	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2,3-Trichlorobenzene	BDL	0.135	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2,3-Trichloropropane	BDL	0.293	0.463	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2,4-Trichlorobenzene	BDL	0.155	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2,4-Trimethylbenzene	BDL	0.191	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2-Dibromo-3-chloropropane	BDL	0.186	2.31	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2-Dibromoethane	BDL	0.131	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2-Dichlorobenzene	BDL	0.160	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2-Dichloroethane	BDL	0.240	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,2-Dichloropropane	BDL	0.164	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,3,5-Trimethylbenzene	BDL	0.212	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,3-Dichlorobenzene	BDL	0.161	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,3-Dichloropropane	BDL	0.146	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
1,4-Dichlorobenzene	BDL	0.132	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
2,2-Dichloropropane	BDL	0.345	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
2-Butanone	BDL	0.326	4.63	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
2-Chlorotoluene	BDL	0.188	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
2-Hexanone	BDL	1.04	4.63	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
4-Chlorotoluene	BDL	0.187	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
4-Isopropyltoluene	BDL	0.312	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
4-Methyl-2-pentanone	BDL	0.667	4.63	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Acetone	BDL	3.15	11.6	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Acetonitrile	BDL	2.28	9.26	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Acrolein	BDL	1.71	11.6	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Acrylonitrile	BDL	0.262	4.63	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Allyl chloride	BDL	0.256	2.31	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Benzene	BDL	0.187	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Bromobenzene	BDL	0.180	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Bromochloromethane	BDL	0.142	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Bromodichloromethane	BDL	0.182	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Bromoform	BDL	0.140	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Bromomethane	BDL	0.181	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Carbon Disulfide	BDL	0.360	4.63	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Carbon Tetrachloride	BDL	0.336	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Chlorobenzene	BDL	0.177	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Chloroethane	BDL	0.332	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-07 **Collection Date:** 9/4/2014 12:00:00AM
Client Sample ID: Dup - S **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.237	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Chloromethane	BDL	0.181	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
cis-1,2-Dichloroethene	BDL	0.211	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
cis-1,3-Dichloropropene	BDL	0.150	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Dibromochloromethane	BDL	0.142	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Dibromomethane	BDL	0.179	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Dichlorodifluoromethane	BDL	0.496	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Ethylbenzene	BDL	0.266	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Hexachlorobutadiene	BDL	0.536	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Iodomethane	BDL	0.343	2.31	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Isopropylbenzene	BDL	0.238	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Methylene Chloride	BDL	0.374	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Methyl tert-Butyl Ether	**0.479**	0.267	2.31	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
m,p-Xylene	BDL	0.450	2.31	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Naphthalene	BDL	0.145	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
n-Butylbenzene	BDL	0.372	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
n-Hexane	BDL	0.564	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
n-Propylbenzene	BDL	0.249	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
o-Xylene	BDL	0.167	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
sec-Butylbenzene	BDL	0.316	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Styrene	BDL	0.223	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
tert_Butylbenzene	BDL	0.288	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Tetrachloroethene	**56.6**	1.34	4.63		mg/kg dry	1000	1437225	9/10/2014 10:52:00AM	9/10/2014 1:43:00PM
Toluene	BDL	0.202	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
trans-1,2-Dichloroethene	BDL	0.276	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
trans-1,3-Dichloropropene	BDL	0.198	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Trichloroethene	**0.618**	0.256	0.463		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Trichlorofluoromethane	BDL	0.417	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Vinyl Chloride	BDL	0.420	1.16	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Vinyl acetate	BDL	0.449	2.31	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:43:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Surrogate: Dibromofluoromethane		*101 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Surrogate: Dibromofluoromethane		*98.6 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:43:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:43:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 1:43:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:56:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**6.23**				% by Weight	1	1437234	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0235

Lab ID: 14I0235-07
Client Sample ID: Dup - S
Collection Date: 9/4/2014 12:00:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-08 **Collection Date:** 9/4/2014 11:00:00AM
Client Sample ID: SB25 (16-16.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.145	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,1,1-Trichloroethane	BDL	0.301	0.482	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,1,2,2-Tetrachloroethane	BDL	0.134	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,1,2-Trichloroethane	BDL	0.192	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,1-Dichloroethane	BDL	0.254	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,1-Dichloroethene	BDL	0.409	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,1-Dichloropropene	BDL	0.307	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2,3-Trichlorobenzene	BDL	0.140	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2,3-Trichloropropane	BDL	0.305	0.482	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2,4-Trichlorobenzene	BDL	0.161	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2,4-Trimethylbenzene	BDL	0.199	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2-Dibromo-3-chloropropane	BDL	0.194	2.41	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2-Dibromoethane	BDL	0.136	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2-Dichlorobenzene	BDL	0.167	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2-Dichloroethane	BDL	0.249	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,2-Dichloropropane	BDL	0.171	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,3,5-Trimethylbenzene	BDL	0.221	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,3-Dichlorobenzene	BDL	0.167	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,3-Dichloropropane	BDL	0.152	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
1,4-Dichlorobenzene	BDL	0.137	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
2,2-Dichloropropane	BDL	0.359	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
2-Butanone	BDL	0.339	4.82	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
2-Chlorotoluene	BDL	0.196	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
2-Hexanone	BDL	1.08	4.82	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
4-Chlorotoluene	BDL	0.195	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
4-Isopropyltoluene	BDL	0.325	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
4-Methyl-2-pentanone	BDL	0.694	4.82	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Acetone	BDL	3.27	12.0	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Acetonitrile	BDL	2.38	9.64	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Acrolein	BDL	1.78	12.0	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Acrylonitrile	BDL	0.273	4.82	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Allyl chloride	BDL	0.266	2.41	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Benzene	BDL	0.195	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Bromobenzene	BDL	0.187	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Bromochloromethane	BDL	0.148	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Bromodichloromethane	BDL	0.190	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Bromoform	BDL	0.145	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Bromomethane	BDL	0.189	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Carbon Disulfide	BDL	0.375	4.82	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Carbon Tetrachloride	BDL	0.349	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Chlorobenzene	BDL	0.184	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Chloroethane	BDL	0.345	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-08 **Collection Date:** 9/4/2014 11:00:00AM
Client Sample ID: SB25 (16-16.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.247	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Chloromethane	BDL	0.188	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
cis-1,2-Dichloroethene	BDL	0.220	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
cis-1,3-Dichloropropene	BDL	0.157	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Dibromochloromethane	BDL	0.148	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Dibromomethane	BDL	0.187	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Dichlorodifluoromethane	BDL	0.517	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Ethylbenzene	BDL	0.277	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Hexachlorobutadiene	BDL	0.558	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Iodomethane	BDL	0.357	2.41	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Isopropylbenzene	BDL	0.248	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Methylene Chloride	BDL	0.390	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Methyl tert-Butyl Ether	**0.554**	0.278	2.41	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
m,p-Xylene	BDL	0.469	2.41	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Naphthalene	BDL	0.151	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
n-Butylbenzene	BDL	0.388	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
n-Hexane	BDL	0.587	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
n-Propylbenzene	BDL	0.259	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
o-Xylene	BDL	0.174	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
sec-Butylbenzene	BDL	0.329	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Styrene	BDL	0.232	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
tert_Butylbenzene	BDL	0.300	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Tetrachloroethene	**45.7**	0.349	1.20		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Toluene	BDL	0.210	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
trans-1,2-Dichloroethene	BDL	0.287	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
trans-1,3-Dichloropropene	BDL	0.206	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Trichloroethene	BDL	0.267	0.482	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Trichlorofluoromethane	BDL	0.434	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Vinyl Chloride	BDL	0.437	1.20	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Vinyl acetate	BDL	0.468	2.41	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Surrogate: Dibromofluoromethane		*102 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 5:21:00PM

PMOIST **D 2216** **Analyst: CW**

Percent Moisture	**8.65**		% by Weight	1	1437234	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-09 **Collection Date:** 9/4/2014 12:20:00PM
Client Sample ID: SB22 (16-16.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.146	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,1,1-Trichloroethane	**0.973**	0.304	0.486		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,1,2,2-Tetrachloroethane	BDL	0.135	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,1,2-Trichloroethane	BDL	0.193	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,1-Dichloroethane	BDL	0.257	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,1-Dichloroethene	BDL	0.413	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,1-Dichloropropene	BDL	0.310	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2,3-Trichlorobenzene	BDL	0.142	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2,3-Trichloropropane	BDL	0.308	0.486	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2,4-Trichlorobenzene	BDL	0.162	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2,4-Trimethylbenzene	BDL	0.201	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2-Dibromo-3-chloropropane	BDL	0.196	2.43	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2-Dibromoethane	BDL	0.138	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2-Dichlorobenzene	BDL	0.168	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2-Dichloroethane	BDL	0.252	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,2-Dichloropropane	BDL	0.172	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,3,5-Trimethylbenzene	BDL	0.223	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,3-Dichlorobenzene	BDL	0.169	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,3-Dichloropropane	BDL	0.153	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
1,4-Dichlorobenzene	BDL	0.139	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
2,2-Dichloropropane	BDL	0.363	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
2-Butanone	BDL	0.342	4.86	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
2-Chlorotoluene	BDL	0.198	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
2-Hexanone	BDL	1.09	4.86	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
4-Chlorotoluene	BDL	0.197	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
4-Isopropyltoluene	BDL	0.328	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
4-Methyl-2-pentanone	BDL	0.701	4.86	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Acetone	BDL	3.31	12.2	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Acetonitrile	BDL	2.40	9.73	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Acrolein	BDL	1.79	12.2	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Acrylonitrile	BDL	0.275	4.86	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Allyl chloride	BDL	0.269	2.43	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Benzene	BDL	0.197	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Bromobenzene	BDL	0.189	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Bromochloromethane	BDL	0.149	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Bromodichloromethane	BDL	0.192	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Bromoform	BDL	0.147	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Bromomethane	BDL	0.190	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Carbon Disulfide	BDL	0.379	4.86	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Carbon Tetrachloride	BDL	0.353	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Chlorobenzene	BDL	0.186	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Chloroethane	BDL	0.349	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0235
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0235-09 **Collection Date:** 9/4/2014 12:20:00PM
Client Sample ID: SB22 (16-16.5') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.249	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Chloromethane	BDL	0.190	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
cis-1,2-Dichloroethene	BDL	0.222	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
cis-1,3-Dichloropropene	BDL	0.158	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Dibromochloromethane	BDL	0.149	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Dibromomethane	BDL	0.189	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Dichlorodifluoromethane	BDL	0.522	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Ethylbenzene	BDL	0.280	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Hexachlorobutadiene	BDL	0.563	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Iodomethane	BDL	0.361	2.43	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Isopropylbenzene	BDL	0.250	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Methylene Chloride	BDL	0.394	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Methyl tert-Butyl Ether	**0.696**	0.281	2.43	A-01, J	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
m,p-Xylene	BDL	0.473	2.43	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Naphthalene	BDL	0.153	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
n-Butylbenzene	BDL	0.391	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
n-Hexane	BDL	0.593	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
n-Propylbenzene	BDL	0.261	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
o-Xylene	BDL	0.176	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
sec-Butylbenzene	BDL	0.333	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Styrene	BDL	0.234	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
tert_Butylbenzene	BDL	0.303	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Tetrachloroethene	**71.9**	1.41	4.86		mg/kg dry	1000	1437225	9/10/2014 10:52:00AM	9/10/2014 2:17:00PM
Toluene	BDL	0.212	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
trans-1,2-Dichloroethene	BDL	0.290	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
trans-1,3-Dichloropropene	BDL	0.208	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Trichloroethene	**0.499**	0.270	0.486		mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Trichlorofluoromethane	BDL	0.439	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Vinyl Chloride	BDL	0.441	1.22	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Vinyl acetate	BDL	0.472	2.43	A-01	mg/kg dry	250	1437141	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:17:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Surrogate: Dibromofluoromethane		*103 %*			*66-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Surrogate: Dibromofluoromethane		*97.9 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:17:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:17:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 2:17:00PM
Surrogate: 1,2-Dichloroethane-d4		*103 %*			*67-136*		*1437141*	9/8/2014 10:17:00AM	9/8/2014 4:47:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**4.48**				% by Weight	1	1437234	9/10/2014 5:20:00PM	9/10/2014 5:20:00PM

Belmont Labs **Date:** 9/16/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0235

Lab ID: 14I0235-09
Client Sample ID: SB22 (16-16.5')
Collection Date: 9/4/2014 12:20:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
Blank (1437141-BLK1)				Prepared & Analyzed: 09/08/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00200	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00200	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
Blank (1437141-BLK1)				Prepared & Analyzed: 09/08/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00200	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.3*		*ug/L*	*50.00*		*98.5*	*69-130*			
Surrogate: Dibromofluoromethane	*51.9*		*ug/L*	*50.00*		*104*	*66-136*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*ug/L*	*50.00*		*103*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
LCS (1437141-BS1)				Prepared & Analyzed: 09/08/14						
1,1,1,2-Tetrachloroethane	0.0189	0.00500	mg/kg wet	0.02000		94.7	69.2-126			
1,1,1-Trichloroethane	0.0203	0.00200	mg/kg wet	0.02000		102	65.1-133			
1,1,2,2-Tetrachloroethane	0.0203	0.00500	mg/kg wet	0.02000		101	68.5-131			
1,1,2-Trichloroethane	0.0198	0.00500	mg/kg wet	0.02000		99.3	71.5-128			
1,1-Dichloroethane	0.0221	0.00500	mg/kg wet	0.02000		110	65.5-131			
1,1-Dichloroethene	0.0216	0.00500	mg/kg wet	0.02000		108	54.4-139			
1,1-Dichloropropene	0.0207	0.00500	mg/kg wet	0.02000		104	66.6-132			
1,2,3-Trichlorobenzene	0.0187	0.00500	mg/kg wet	0.02000		93.7	56.3-154			
1,2,3-Trichloropropane	0.0201	0.00200	mg/kg wet	0.02000		100	65.6-132			
1,2,4-Trichlorobenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	56.2-151			
1,2,4-Trimethylbenzene	0.0203	0.00500	mg/kg wet	0.02000		101	61.2-140			
1,2-Dibromo-3-chloropropane	0.0180	0.0100	mg/kg wet	0.02000		90.2	57.4-144			
1,2-Dibromoethane	0.0190	0.00500	mg/kg wet	0.02000		94.8	69.5-126			
1,2-Dichlorobenzene	0.0194	0.00500	mg/kg wet	0.02000		96.8	66.4-137			
1,2-Dichloroethane	0.0202	0.00500	mg/kg wet	0.02000		101	65.4-131			
1,2-Dichloropropane	0.0205	0.00500	mg/kg wet	0.02000		102	71-126			
1,3,5-Trimethylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	62.1-138			
1,3-Dichlorobenzene	0.0195	0.00500	mg/kg wet	0.02000		97.6	64.7-139			
1,3-Dichloropropane	0.0197	0.00500	mg/kg wet	0.02000		98.7	70.1-128			
1,4-Dichlorobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.5	63.6-139			
2-Butanone	0.0453	0.0200	mg/kg wet	0.04000		113	57.3-143			
2-Chlorotoluene	0.0208	0.00500	mg/kg wet	0.02000		104	63-137			
2-Hexanone	0.0414	0.0200	mg/kg wet	0.04000		104	55.1-147			
4-Chlorotoluene	0.0204	0.00500	mg/kg wet	0.02000		102	62.3-139			
4-Isopropyltoluene	0.0208	0.00500	mg/kg wet	0.02000		104	61.5-141			
4-Methyl-2-pentanone	0.0397	0.0200	mg/kg wet	0.04000		99.2	60.1-138			
Acetone	0.0411	0.0500	mg/kg wet	0.04000		103	23.8-186			J
Acetonitrile	0.0229	0.0400	mg/kg wet	0.02000		115	42.6-157			J
Acrolein	0.0432	0.0500	mg/kg wet	0.04000		108	10-200			J
Acrylonitrile	0.0218	0.0200	mg/kg wet	0.02000		109	58.4-135			
Allyl chloride	0.0219	0.0100	mg/kg wet	0.02000		109	61.2-134			
Benzene	0.0204	0.00500	mg/kg wet	0.02000		102	71.3-126			
Bromobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.2	66.9-133			
Bromochloromethane	0.0200	0.00500	mg/kg wet	0.02000		99.8	67.1-133			
Bromodichloromethane	0.0200	0.00500	mg/kg wet	0.02000		100	65.8-128			
Bromoform	0.0186	0.00500	mg/kg wet	0.02000		92.9	61.1-129			
Bromomethane	0.0517	0.00500	mg/kg wet	0.02000		258	32-162			
Carbon Disulfide	0.0198	0.0200	mg/kg wet	0.02000		98.8	38.3-151			J
Carbon Tetrachloride	0.0196	0.00500	mg/kg wet	0.02000		98.1	64.6-133			
Chlorobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.7	69.4-131			
Chloroethane	0.0214	0.00500	mg/kg wet	0.02000		107	36.6-158			
Chloroform	0.0211	0.00500	mg/kg wet	0.02000		106	68.4-130			
Chloromethane	0.0233	0.00500	mg/kg wet	0.02000		117	56.9-150			
cis-1,2-Dichloroethene	0.0218	0.00500	mg/kg wet	0.02000		109	66.4-132			
cis-1,3-Dichloropropene	0.0201	0.00500	mg/kg wet	0.02000		100	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
LCS (1437141-BS1)				Prepared & Analyzed: 09/08/14						
Dibromochloromethane	0.0185	0.00500	mg/kg wet	0.02000		92.6	66-127			
Dibromomethane	0.0195	0.00500	mg/kg wet	0.02000		97.6	65.9-130			
Dichlorodifluoromethane	0.0222	0.00500	mg/kg wet	0.02000		111	55-166			
Ethylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	70-130			
Hexachlorobutadiene	0.0189	0.00500	mg/kg wet	0.02000		94.4	50.5-166			
Iodomethane	0.0244	0.0100	mg/kg wet	0.02000		122	47-151			
Isopropylbenzene	0.0203	0.00500	mg/kg wet	0.02000		102	69.8-132			
Methylene Chloride	0.0203	0.00500	mg/kg wet	0.02000		101	47-134			
Methyl tert-Butyl Ether	0.0210	0.0100	mg/kg wet	0.02000		105	59.4-132			
m,p-Xylene	0.0416	0.0100	mg/kg wet	0.04000		104	68-134			
Naphthalene	0.0180	0.00500	mg/kg wet	0.02000		89.8	51.2-154			
n-Butylbenzene	0.0216	0.00500	mg/kg wet	0.02000		108	57.6-149			
n-Hexane	0.0231	0.00500	mg/kg wet	0.02000		115	33.5-149			
n-Propylbenzene	0.0213	0.00500	mg/kg wet	0.02000		106	67-138			
o-Xylene	0.0199	0.00500	mg/kg wet	0.02000		99.6	67.7-132			
sec-Butylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	66.8-138			
Styrene	0.0201	0.00500	mg/kg wet	0.02000		101	63.5-135			
tert_Butylbenzene	0.0200	0.00500	mg/kg wet	0.02000		100	66.4-136			
Tetrachloroethene	0.0196	0.00500	mg/kg wet	0.02000		97.8	66.7-135			
Toluene	0.0202	0.00500	mg/kg wet	0.02000		101	70.4-130			
trans-1,2-Dichloroethene	0.0204	0.00500	mg/kg wet	0.02000		102	62.9-136			
trans-1,3-Dichloropropene	0.0201	0.00500	mg/kg wet	0.02000		101	67.3-132			
Trichloroethene	0.0191	0.00200	mg/kg wet	0.02000		95.7	66.6-132			
Trichlorofluoromethane	0.0235	0.00500	mg/kg wet	0.02000		117	48.2-151			
Vinyl Chloride	0.0235	0.00500	mg/kg wet	0.02000		117	46.5-150			
Vinyl acetate	0.0256	0.0100	mg/kg wet	0.02000		128	37.7-176			
Surrogate: 4-Bromofluorobenzene	*50.3*		*ug/L*	*50.00*		*101*	*69-130*			
Surrogate: Dibromofluoromethane	*51.3*		*ug/L*	*50.00*		*103*	*66-136*			
Surrogate: Toluene-d8	*50.5*		*ug/L*	*50.00*		*101*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*50.9*		*ug/L*	*50.00*		*102*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
Matrix Spike (1437141-MS1)		**Source: 14I0196-03**		Prepared & Analyzed: 09/08/14						
1,1,1,2-Tetrachloroethane	0.0456	0.0133	mg/kg dry	0.05324	ND	85.6	38-121			
1,1,1-Trichloroethane	0.0477	0.00532	mg/kg dry	0.05324	ND	89.6	35-131			
1,1,2,2-Tetrachloroethane	0.0447	0.0133	mg/kg dry	0.05324	ND	84.0	12-144			
1,1,2-Trichloroethane	0.0514	0.0133	mg/kg dry	0.05324	ND	96.6	33-126			
1,1-Dichloroethane	0.0544	0.0133	mg/kg dry	0.05324	ND	102	44-119			
1,1-Dichloroethene	0.0481	0.0133	mg/kg dry	0.05324	ND	90.4	31-125			
1,1-Dichloropropene	0.0444	0.0133	mg/kg dry	0.05324	ND	83.3	34-126			
1,2,3-Trichlorobenzene	0.0317	0.0133	mg/kg dry	0.05324	ND	59.5	10-110			
1,2,3-Trichloropropane	0.0465	0.00532	mg/kg dry	0.05324	ND	87.4	10-136			
1,2,4-Trichlorobenzene	0.0313	0.0133	mg/kg dry	0.05324	ND	58.8	10-87			
1,2,4-Trimethylbenzene	0.0403	0.0133	mg/kg dry	0.05324	ND	75.6	14-129			
1,2-Dibromo-3-chloropropane	0.0371	0.0266	mg/kg dry	0.05324	ND	69.6	10-148			
1,2-Dibromoethane	0.0458	0.0133	mg/kg dry	0.05324	ND	86.0	31-123			
1,2-Dichlorobenzene	0.0377	0.0133	mg/kg dry	0.05324	ND	70.8	12-103			
1,2-Dichloroethane	0.0522	0.0133	mg/kg dry	0.05324	ND	98.1	48-114			
1,2-Dichloropropane	0.0537	0.0133	mg/kg dry	0.05324	ND	101	44-118			
1,3,5-Trimethylbenzene	0.0402	0.0133	mg/kg dry	0.05324	ND	75.4	16-130			
1,3-Dichlorobenzene	0.0374	0.0133	mg/kg dry	0.05324	ND	70.2	12-106			
1,3-Dichloropropane	0.0502	0.0133	mg/kg dry	0.05324	ND	94.3	31-128			
1,4-Dichlorobenzene	0.0388	0.0133	mg/kg dry	0.05324	ND	72.8	12-102			
2-Butanone	0.109	0.0532	mg/kg dry	0.1065	ND	102	10-159			
2-Chlorotoluene	0.0418	0.0133	mg/kg dry	0.05324	ND	78.6	18-108			
2-Hexanone	0.103	0.0532	mg/kg dry	0.1065	ND	96.7	10-194			
4-Chlorotoluene	0.0401	0.0133	mg/kg dry	0.05324	ND	75.2	10-116			
4-Isopropyltoluene	0.0374	0.0133	mg/kg dry	0.05324	ND	70.3	16-123			
4-Methyl-2-pentanone	0.0990	0.0532	mg/kg dry	0.1065	ND	93.0	10-186			
Acetone	0.107	0.133	mg/kg dry	0.1065	ND	100	10-218			J
Acetonitrile	0.0543	0.106	mg/kg dry	0.05324	ND	102	22-170			J
Acrolein	0.0647	0.133	mg/kg dry	0.1065	ND	60.7	10-200			J
Acrylonitrile	0.0496	0.0532	mg/kg dry	0.05324	ND	93.2	22-140			J
Allyl chloride	0.0532	0.0266	mg/kg dry	0.05324	ND	99.9	28-128			
Benzene	0.0499	0.0133	mg/kg dry	0.05324	ND	93.8	39-126			
Bromobenzene	0.0408	0.0133	mg/kg dry	0.05324	ND	76.7	15-109			
Bromochloromethane	0.0522	0.0133	mg/kg dry	0.05324	ND	98.1	47-124			
Bromodichloromethane	0.0507	0.0133	mg/kg dry	0.05324	ND	95.2	40-114			
Bromoform	0.0427	0.0133	mg/kg dry	0.05324	ND	80.2	19-119			
Bromomethane	0.113	0.0133	mg/kg dry	0.05324	ND	213	10-173			M
Carbon Disulfide	0.0446	0.0532	mg/kg dry	0.05324	ND	83.7	17-133			J
Carbon Tetrachloride	0.0442	0.0133	mg/kg dry	0.05324	ND	83.0	23-128			
Chlorobenzene	0.0437	0.0133	mg/kg dry	0.05324	ND	82.0	27-111			
Chloroethane	0.0602	0.0133	mg/kg dry	0.05324	ND	113	17-153			
Chloroform	0.0529	0.0133	mg/kg dry	0.05324	ND	99.3	35-130			
Chloromethane	0.0610	0.0133	mg/kg dry	0.05324	ND	115	22-139			
cis-1,2-Dichloroethene	0.0519	0.0133	mg/kg dry	0.05324	ND	97.4	42-118			
cis-1,3-Dichloropropene	0.0490	0.0133	mg/kg dry	0.05324	ND	92.0	27-113			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
Matrix Spike (1437141-MS1)		**Source: 14I0196-03**		Prepared & Analyzed: 09/08/14						
Dibromochloromethane	0.0448	0.0133	mg/kg dry	0.05324	ND	84.0	29-122			
Dibromomethane	0.0509	0.0133	mg/kg dry	0.05324	ND	95.6	39-126			
Dichlorodifluoromethane	0.0497	0.0133	mg/kg dry	0.05324	ND	93.3	10-184			
Ethylbenzene	0.0435	0.0133	mg/kg dry	0.05324	ND	81.6	27-117			
Hexachlorobutadiene	0.0309	0.0133	mg/kg dry	0.05324	ND	58.0	10-115			
Iodomethane	0.0608	0.0266	mg/kg dry	0.05324	ND	114	10-127			
Isopropylbenzene	0.0411	0.0133	mg/kg dry	0.05324	ND	77.2	24-119			
Methylene Chloride	0.0555	0.0133	mg/kg dry	0.05324	ND	104	10-179			
Methyl tert-Butyl Ether	0.0549	0.0266	mg/kg dry	0.05324	ND	103	38-126			
m,p-Xylene	0.0879	0.0266	mg/kg dry	0.1065	ND	82.6	26-114			
Naphthalene	0.0330	0.0133	mg/kg dry	0.05324	ND	62.0	10-114			
n-Butylbenzene	0.0362	0.0133	mg/kg dry	0.05324	ND	68.0	10-118			
n-Hexane	0.0454	0.0133	mg/kg dry	0.05324	ND	85.3	10-122			
n-Propylbenzene	0.0401	0.0133	mg/kg dry	0.05324	ND	75.3	16-114			
o-Xylene	0.0441	0.0133	mg/kg dry	0.05324	ND	82.9	28-119			
sec-Butylbenzene	0.0372	0.0133	mg/kg dry	0.05324	ND	70.0	10-144			
Styrene	0.0423	0.0133	mg/kg dry	0.05324	ND	79.4	17-104			
tert_Butylbenzene	0.0391	0.0133	mg/kg dry	0.05324	ND	73.4	12-152			
Tetrachloroethene	0.0392	0.0133	mg/kg dry	0.05324	ND	73.7	24-114			
Toluene	0.0475	0.0133	mg/kg dry	0.05324	ND	89.3	32-121			
trans-1,2-Dichloroethene	0.0493	0.0133	mg/kg dry	0.05324	ND	92.6	32-122			
trans-1,3-Dichloropropene	0.0490	0.0133	mg/kg dry	0.05324	ND	91.9	19-109			
Trichloroethene	0.0444	0.00532	mg/kg dry	0.05324	ND	83.3	42-109			
Trichlorofluoromethane	0.0512	0.0133	mg/kg dry	0.05324	ND	96.2	10-158			
Vinyl Chloride	0.0543	0.0133	mg/kg dry	0.05324	ND	102	22-143			
Vinyl acetate	0.0252	0.0266	mg/kg dry	0.05324	ND	47.4	10-127			J
Surrogate: 4-Bromofluorobenzene	*52.2*		*ug/L*	*50.00*		*104*	*69-130*			
Surrogate: Dibromofluoromethane	*52.6*		*ug/L*	*50.00*		*105*	*66-136*			
Surrogate: Toluene-d8	*51.4*		*ug/L*	*50.00*		*103*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*ug/L*	*50.00*		*103*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
Matrix Spike Dup (1437141-MSD1)		**Source: 14I0196-03**		Prepared & Analyzed: 09/08/14						
1,1,1,2-Tetrachloroethane	0.0437	0.0135	mg/kg dry	0.05398	ND	80.9	38-121	4.33	50	
1,1,1-Trichloroethane	0.0447	0.00540	mg/kg dry	0.05398	ND	82.7	35-131	6.63	60	
1,1,2,2-Tetrachloroethane	0.0412	0.0135	mg/kg dry	0.05398	ND	76.4	12-144	8.04	51	
1,1,2-Trichloroethane	0.0475	0.0135	mg/kg dry	0.05398	ND	88.0	33-126	7.88	46	
1,1-Dichloroethane	0.0490	0.0135	mg/kg dry	0.05398	ND	90.8	44-119	10.3	48	
1,1-Dichloroethene	0.0431	0.0135	mg/kg dry	0.05398	ND	79.8	31-125	11.0	61	
1,1-Dichloropropene	0.0402	0.0135	mg/kg dry	0.05398	ND	74.4	34-126	9.91	81	
1,2,3-Trichlorobenzene	0.0309	0.0135	mg/kg dry	0.05398	ND	57.2	10-110	2.74	71	
1,2,3-Trichloropropane	0.0419	0.00540	mg/kg dry	0.05398	ND	77.7	10-136	10.4	58	
1,2,4-Trichlorobenzene	0.0308	0.0135	mg/kg dry	0.05398	ND	57.0	10-87	1.82	60	
1,2,4-Trimethylbenzene	0.0392	0.0135	mg/kg dry	0.05398	ND	72.6	14-129	2.60	71	
1,2-Dibromo-3-chloropropane	0.0368	0.0270	mg/kg dry	0.05398	ND	68.1	10-148	0.799	57	
1,2-Dibromoethane	0.0443	0.0135	mg/kg dry	0.05398	ND	82.0	31-123	3.38	56	
1,2-Dichlorobenzene	0.0357	0.0135	mg/kg dry	0.05398	ND	66.2	12-103	5.48	80	
1,2-Dichloroethane	0.0495	0.0135	mg/kg dry	0.05398	ND	91.8	48-114	5.31	40	
1,2-Dichloropropane	0.0500	0.0135	mg/kg dry	0.05398	ND	92.6	44-118	7.26	48	
1,3,5-Trimethylbenzene	0.0386	0.0135	mg/kg dry	0.05398	ND	71.5	16-130	4.00	74	
1,3-Dichlorobenzene	0.0360	0.0135	mg/kg dry	0.05398	ND	66.6	12-106	3.96	60	
1,3-Dichloropropane	0.0475	0.0135	mg/kg dry	0.05398	ND	88.0	31-128	5.64	50	
1,4-Dichlorobenzene	0.0369	0.0135	mg/kg dry	0.05398	ND	68.3	12-102	5.00	80	
2-Butanone	0.102	0.0540	mg/kg dry	0.1080	ND	94.1	10-159	7.09	60	
2-Chlorotoluene	0.0380	0.0135	mg/kg dry	0.05398	ND	70.4	18-108	9.56	75	
2-Hexanone	0.0948	0.0540	mg/kg dry	0.1080	ND	87.9	10-194	8.19	58	
4-Chlorotoluene	0.0376	0.0135	mg/kg dry	0.05398	ND	69.6	10-116	6.42	80	
4-Isopropyltoluene	0.0357	0.0135	mg/kg dry	0.05398	ND	66.1	16-123	4.78	80	
4-Methyl-2-pentanone	0.0966	0.0540	mg/kg dry	0.1080	ND	89.5	10-186	2.40	60	
Acetone	0.0982	0.135	mg/kg dry	0.1080	ND	91.0	10-218	8.50	60	J
Acetonitrile	0.0490	0.108	mg/kg dry	0.05398	ND	90.8	22-170	10.2	70	J
Acrolein	0.0500	0.135	mg/kg dry	0.1080	ND	46.4	10-200	25.5	50	J
Acrylonitrile	0.0453	0.0540	mg/kg dry	0.05398	ND	83.9	22-140	9.18	69	J
Allyl chloride	0.0490	0.0270	mg/kg dry	0.05398	ND	90.7	28-128	8.33	68	
Benzene	0.0466	0.0135	mg/kg dry	0.05398	ND	86.4	39-126	6.84	61	
Bromobenzene	0.0390	0.0135	mg/kg dry	0.05398	ND	72.2	15-109	4.60	50	
Bromochloromethane	0.0502	0.0135	mg/kg dry	0.05398	ND	93.0	47-124	3.96	48	
Bromodichloromethane	0.0478	0.0135	mg/kg dry	0.05398	ND	88.6	40-114	5.80	49	
Bromoform	0.0406	0.0135	mg/kg dry	0.05398	ND	75.2	19-119	4.93	63	
Bromomethane	0.110	0.0135	mg/kg dry	0.05398	ND	203	10-173	3.48	40	M
Carbon Disulfide	0.0381	0.0540	mg/kg dry	0.05398	ND	70.5	17-133	15.8	74	J
Carbon Tetrachloride	0.0407	0.0135	mg/kg dry	0.05398	ND	75.4	23-128	8.16	60	
Chlorobenzene	0.0421	0.0135	mg/kg dry	0.05398	ND	78.0	27-111	3.68	50	
Chloroethane	0.0521	0.0135	mg/kg dry	0.05398	ND	96.6	17-153	14.3	75	
Chloroform	0.0477	0.0135	mg/kg dry	0.05398	ND	88.4	35-130	10.3	52	
Chloromethane	0.0559	0.0135	mg/kg dry	0.05398	ND	104	22-139	8.71	42	
cis-1,2-Dichloroethene	0.0479	0.0135	mg/kg dry	0.05398	ND	88.7	42-118	8.03	63	
cis-1,3-Dichloropropene	0.0460	0.0135	mg/kg dry	0.05398	ND	85.2	27-113	6.30	50	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437141 - VOC PREP										
Matrix Spike Dup (1437141-MSD1)		**Source: 14I0196-03**		Prepared & Analyzed: 09/08/14						
Dibromochloromethane	0.0436	0.0135	mg/kg dry	0.05398	ND	80.8	29-122	2.50	59	
Dibromomethane	0.0480	0.0135	mg/kg dry	0.05398	ND	89.0	39-126	5.72	48	
Dichlorodifluoromethane	0.0429	0.0135	mg/kg dry	0.05398	ND	79.4	10-184	14.7	108	
Ethylbenzene	0.0410	0.0135	mg/kg dry	0.05398	ND	76.0	27-117	5.79	40	
Hexachlorobutadiene	0.0290	0.0135	mg/kg dry	0.05398	ND	53.8	10-115	6.23	57	
Iodomethane	0.0612	0.0270	mg/kg dry	0.05398	ND	113	10-127	0.543	50	
Isopropylbenzene	0.0385	0.0135	mg/kg dry	0.05398	ND	71.3	24-119	6.50	60	
Methylene Chloride	0.0505	0.0135	mg/kg dry	0.05398	ND	93.6	10-179	9.44	58	
Methyl tert-Butyl Ether	0.0551	0.0270	mg/kg dry	0.05398	ND	102	38-126	0.258	50	
m,p-Xylene	0.0809	0.0270	mg/kg dry	0.1080	ND	75.0	26-114	8.31	40	
Naphthalene	0.0331	0.0135	mg/kg dry	0.05398	ND	61.4	10-114	0.325	64	
n-Butylbenzene	0.0334	0.0135	mg/kg dry	0.05398	ND	61.8	10-118	8.25	60	
n-Hexane	0.0419	0.0135	mg/kg dry	0.05398	ND	77.5	10-122	8.20	70	
n-Propylbenzene	0.0366	0.0135	mg/kg dry	0.05398	ND	67.8	16-114	9.17	60	
o-Xylene	0.0419	0.0135	mg/kg dry	0.05398	ND	77.7	28-119	5.10	40	
sec-Butylbenzene	0.0347	0.0135	mg/kg dry	0.05398	ND	64.2	10-144	7.12	60	
Styrene	0.0406	0.0135	mg/kg dry	0.05398	ND	75.3	17-104	3.99	40	
tert_Butylbenzene	0.0376	0.0135	mg/kg dry	0.05398	ND	69.6	12-152	4.01	71	
Tetrachloroethene	0.0421	0.0135	mg/kg dry	0.05398	ND	78.0	24-114	7.05	50	
Toluene	0.0439	0.0135	mg/kg dry	0.05398	ND	81.3	32-121	8.00	40	
trans-1,2-Dichloroethene	0.0450	0.0135	mg/kg dry	0.05398	ND	83.3	32-122	9.14	50	
trans-1,3-Dichloropropene	0.0466	0.0135	mg/kg dry	0.05398	ND	86.4	19-109	4.90	51	
Trichloroethene	0.0438	0.00540	mg/kg dry	0.05398	ND	81.1	42-109	1.36	38	
Trichlorofluoromethane	0.0441	0.0135	mg/kg dry	0.05398	ND	81.6	10-158	15.0	120	
Vinyl Chloride	0.0487	0.0135	mg/kg dry	0.05398	ND	90.2	22-143	10.9	60	
Vinyl acetate	0.0190	0.0270	mg/kg dry	0.05398	ND	35.3	10-127	28.1	119	J
Surrogate: 4-Bromofluorobenzene	*50.6*		*ug/L*	*50.00*		*101*	*69-130*			
Surrogate: Dibromofluoromethane	*49.2*		*ug/L*	*50.00*		*98.3*	*66-136*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50.00*		*102*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*47.7*		*ug/L*	*50.00*		*95.3*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
Blank (1437225-BLK1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	0.00150	0.0200	mg/kg wet							J
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
Blank (1437225-BLK1)				Prepared & Analyzed: 09/10/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	0.00292	0.00500	mg/kg wet							J
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*51.9*		*ug/L*	*50.00*		*104*	*69-130*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50.00*		*101*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.00*		*104*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
LCS (1437225-BS1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	0.0192	0.00500	mg/kg wet	0.02000		95.9	69.2-126			
1,1,1-Trichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	65.1-133			
1,1,2,2-Tetrachloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	68.5-131			
1,1,2-Trichloroethane	0.0213	0.00500	mg/kg wet	0.02000		106	71.5-128			
1,1-Dichloroethane	0.0210	0.00500	mg/kg wet	0.02000		105	65.5-131			
1,1-Dichloroethene	0.0207	0.00500	mg/kg wet	0.02000		103	54.4-139			
1,1-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	66.6-132			
1,2,3-Trichlorobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.2	56.3-154			
1,2,3-Trichloropropane	0.0209	0.00500	mg/kg wet	0.02000		104	65.6-132			
1,2,4-Trichlorobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.0	56.2-151			
1,2,4-Trimethylbenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	61.2-140			
1,2-Dibromo-3-chloropropane	0.0185	0.0100	mg/kg wet	0.02000		92.4	57.4-144			
1,2-Dibromoethane	0.0195	0.00500	mg/kg wet	0.02000		97.4	69.5-126			
1,2-Dichlorobenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	66.4-137			
1,2-Dichloroethane	0.0216	0.00500	mg/kg wet	0.02000		108	65.4-131			
1,2-Dichloropropane	0.0213	0.00500	mg/kg wet	0.02000		106	71-126			
1,3,5-Trimethylbenzene	0.0194	0.00500	mg/kg wet	0.02000		97.0	62.1-138			
1,3-Dichlorobenzene	0.0195	0.00500	mg/kg wet	0.02000		97.4	64.7-139			
1,3-Dichloropropane	0.0212	0.00500	mg/kg wet	0.02000		106	70.1-128			
1,4-Dichlorobenzene	0.0194	0.00500	mg/kg wet	0.02000		97.2	63.6-139			
2-Butanone	0.0403	0.0200	mg/kg wet	0.04000		101	57.3-143			
2-Chlorotoluene	0.0209	0.00500	mg/kg wet	0.02000		105	63-137			
2-Hexanone	0.0433	0.0200	mg/kg wet	0.04000		108	55.1-147			
4-Chlorotoluene	0.0193	0.00500	mg/kg wet	0.02000		96.3	62.3-139			
4-Isopropyltoluene	0.0192	0.00500	mg/kg wet	0.02000		95.8	61.5-141			
4-Methyl-2-pentanone	0.0402	0.0200	mg/kg wet	0.04000		100	60.1-138			
Acetone	0.0374	0.0500	mg/kg wet	0.04000		93.6	23.8-186			J
Acetonitrile	0.0208	0.0400	mg/kg wet	0.02000		104	42.6-157			J
Acrolein	0.0376	0.0500	mg/kg wet	0.04000		93.9	10-200			J
Acrylonitrile	0.0204	0.0200	mg/kg wet	0.02000		102	58.4-135			
Allyl chloride	0.0203	0.0100	mg/kg wet	0.02000		102	61.2-134			
Benzene	0.0207	0.00500	mg/kg wet	0.02000		103	71.3-126			
Bromobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.5	66.9-133			
Bromochloromethane	0.0189	0.00500	mg/kg wet	0.02000		94.6	67.1-133			
Bromodichloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	65.8-128			
Bromoform	0.0191	0.00500	mg/kg wet	0.02000		95.6	61.1-129			
Carbon Disulfide	0.0186	0.0200	mg/kg wet	0.02000		93.1	38.3-151			J
Carbon Tetrachloride	0.0199	0.00500	mg/kg wet	0.02000		99.6	64.6-133			
Chlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		98.8	69.4-131			
Chloroethane	0.0215	0.00500	mg/kg wet	0.02000		108	36.6-158			
Chloroform	0.0204	0.00500	mg/kg wet	0.02000		102	68.4-130			
Chloromethane	0.0212	0.00500	mg/kg wet	0.02000		106	56.9-150			
cis-1,2-Dichloroethene	0.0209	0.00500	mg/kg wet	0.02000		104	66.4-132			
cis-1,3-Dichloropropene	0.0209	0.00500	mg/kg wet	0.02000		105	68-129			
Dibromochloromethane	0.0188	0.00500	mg/kg wet	0.02000		93.9	66-127			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
LCS (1437225-BS1)				Prepared & Analyzed: 09/10/14						
Dibromomethane	0.0202	0.00500	mg/kg wet	0.02000		101	65.9-130			
Dichlorodifluoromethane	0.0206	0.00500	mg/kg wet	0.02000		103	55-166			
Ethylbenzene	0.0205	0.00500	mg/kg wet	0.02000		102	70-130			
Hexachlorobutadiene	0.0198	0.00500	mg/kg wet	0.02000		98.8	50.5-166			
Isopropylbenzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	69.8-132			
Methylene Chloride	0.0197	0.00500	mg/kg wet	0.02000		98.7	47-134			
Methyl tert-Butyl Ether	0.0201	0.0100	mg/kg wet	0.02000		101	59.4-132			
m,p-Xylene	0.0410	0.0100	mg/kg wet	0.04000		102	68-134			
Naphthalene	0.0185	0.00500	mg/kg wet	0.02000		92.7	51.2-154			
n-Butylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	57.6-149			
n-Hexane	0.0211	0.00500	mg/kg wet	0.02000		106	33.5-149			
n-Propylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	67-138			
o-Xylene	0.0197	0.00500	mg/kg wet	0.02000		98.4	67.7-132			
sec-Butylbenzene	0.0195	0.00500	mg/kg wet	0.02000		97.3	66.8-138			
Styrene	0.0197	0.00500	mg/kg wet	0.02000		98.3	63.5-135			
tert_Butylbenzene	0.0191	0.00500	mg/kg wet	0.02000		95.7	66.4-136			
Tetrachloroethene	0.0196	0.00500	mg/kg wet	0.02000		98.0	66.7-135			
Toluene	0.0204	0.00500	mg/kg wet	0.02000		102	70.4-130			
trans-1,2-Dichloroethene	0.0191	0.00500	mg/kg wet	0.02000		95.3	62.9-136			
trans-1,3-Dichloropropene	0.0213	0.00500	mg/kg wet	0.02000		107	67.3-132			
Trichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.5	66.6-132			
Trichlorofluoromethane	0.0225	0.00500	mg/kg wet	0.02000		113	48.2-151			
Vinyl Chloride	0.0206	0.00500	mg/kg wet	0.02000		103	46.5-150			
Vinyl acetate	0.0207	0.0100	mg/kg wet	0.02000		103	37.7-176			
Surrogate: 4-Bromofluorobenzene	*51.2*		*ug/L*	*50.00*		*102*	*69-130*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*51.3*		*ug/L*	*50.00*		*103*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.00*		*99.8*	*67-136*			

Notes and Definitions

M	Matrix spike and/or matrix spike duplicate recovery outside of acceptance limits.
J	Analyte detected below quantitation limits. Estimated concentration for TICs.
A-01	The reporting limit for this analyte is elevated due to high concentration of target analytes.
BDL	Analyte is below detection limits
	Sample preservation was met unless otherwise noted.

Belmont Labs™
The Service Company.

ANALYTICAL REQUEST CHAIN OF CUSTODY

Internal Lab Order Number 14I023

Purchase Order No.	Quote No.	Client Project

INVOICE TO
Name: Esther Buzovis
Company: SME
Address: 43980 Plymouth Oaks Blvd.
City, State, Zip: Plymouth, MI 48170

REPORT TO
Name: Ann Winegar / Lauren Armeni
Company: SME
Mailing Address: 9375 Chillicothe Rd.
City, State, Zip: Kirtland, OH 44094
Phone No.
Email Address: winegar@sme-usa.com

☐ Rush analysis required - results required by _____(Date)
Contact Belmont Labs prior to sending rush samples

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type
☐ NPDES ☐ BUSTR
☐ RCRA ☐ NELAC
☐ SDWA
☒ VAP
☐ Other
Collected in State of _____

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	VOCs (HNO3, HCl, H2SO4, ICE, NONE, OTHER)							Lab Only
SB8 (12-12.50')	9/3/14	1455		X	S	3	X							
SB7 (12-12.50')		1530		X	S	3	X							
SB6 (18-18.50')		1610		X	S	3	X							
SB23 (14-14.5')	9/4/14	845		X	S	3	X							
SB20 (12-12.5')		920		X	S	3	X							
SB24 (0.5-1')		1030		X	S	3	X							
DUP-5		—		X	S	3	X							
SB25 (16-16.5')		1100		X	S	3	X							
SB22 (16-16.5')		1220		X	S	3	X							
~~SB21~~				~~X~~	~~S~~	~~3~~	~~X~~							

LEA

CHAIN OF CUSTODY (if required)

Relinquished by: Lauren Armeni — Date/Time 9/4/14 14:25 — Received by: [signature] — Date/Time 4 Sep 14/1413
Relinquished by: [signature] — Date/Time 4 Sep 14/16:5 — Received at lab by: [signature] — Date/Time 9/4/14 1625
Method of Shipment: BPEL — Cooler Temp. Ice/4°C — Custody Seals ☐ Yes ☒ No

Sampled by: Lauren Armeni — Date 9/3/14 + 9/4/14

Client Comments

Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868 • www.belmontlabs.com

Failure to complete all portions of this form may delay analysis.

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Client

Belmont Labs **Date:** 9/16/2014

Sample Receipt Summary

14I0235

Client:	Soil and Materials Engineers, Inc. - Kirtland	Project Manager:	Jason Lykins
Project:	Ohio VAP Analysis	Project Number:	Ohio VAP Analysis 217 South 2'

Report To:
Ann Winegar
9375 Chillicothe Road
Kirtland OH 44094
Phone: (440) 256-6500
Fax: -

WO Due Date:	9/17/2014 5:00:00PM
TAT (Days):	9
Received By:	Scott Pander
Received:	9/4/2014 4:25:00PM
Logged In By:	Peggy Whitaker
Logged In:	9/4/2014 5:28:00PM

Receipt Temp (C):	**4.0**
Custody Seals	False
Container Intact	True
COC/Labels agree	True
Received on ice	True
VOC vials had zero head space	False
Approved Container	True
Sufficient volume received	True
Received within HT	True
Shipped By:	**Belmont Labs**

Samples Received:

Laboratory ID:	Field ID:	Date/Time Sampled:	Matrix:
14I0235-01	SB8 (12-12-50')	9/3/2014 2:55:00PM	Soil
14I0235-02	SB7 (12-12-50')	9/3/2014 3:30:00PM	Soil
14I0235-03	SB6 (18-18.50')	9/3/2014 4:10:00PM	Soil
14I0235-04	SB23 (14-14.5')	9/4/2014 8:45:00AM	Soil
14I0235-05	SB20 (12-12.5')	9/4/2014 9:20:00AM	Soil
14I0235-06	SB24 (0.5-1')	9/4/2014 10:30:00AM	Soil
14I0235-07	Dup - S	9/4/2014 12:00:00AM	Soil
14I0235-08	SB25 (16-16.5')	9/4/2014 11:00:00AM	Soil
14I0235-09	SB22 (16-16.5')	9/4/2014 12:20:00PM	Soil

Sample Notes:

Wednesday, September 17, 2014

Analytical Results

Ann Winegar

Soil and Materials Engineers, Inc. - Kirtland
9375 Chillicothe Road
Kirtland, OH 44094

TEL: (440) 256-6500

FAX -

RE: Ohio VAP Analysis 217 South 21st Street, Newark,O Work Order: 14I0336

Belmont Labs received 12 sample(s) on 9/5/2014 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Jason Lykins
Project Manager

Certifications: NELAP/NELAC - #04130 VAP - #CL0032
Ohio EPA Drinking water - #836 Ohio EPA Drinking water (Micro) - #872

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Work Order Sample Summary

The results of analyses performed on the following samples submitted to Belmont Labs are found in this report.

Field Sample ID	Lab ID	Matrix	Method Reference	Subcontract Lab
SB21 (13-14')	14I0336-01	Soil	D 2216	
			SW 8260B	
SB19 (12-13')	14I0336-02	Soil	D 2216	
			SW 8260B	
SB18 (18-19')	14I0336-03	Soil	D 2216	
			SW 8260B	
SB26 (10-11')	14I0336-04	Soil	D 2216	
			SW 8260B	
SB27 (9-10')	14I0336-05	Soil	D 2216	
			SW 8260B	
SB14 (14-15')	14I0336-06	Soil	D 2216	
			SW 8260B	
SB12 (10-11')	14I0336-07	Soil	D 2216	
			SW 8260B	
SB15 (11-12')	14I0336-08	Soil	D 2216	
			SW 8260B	
SB13 (17-18')	14I0336-09	Soil	D 2216	
			SW 8260B	
SB17 (19-20')	14I0336-10	Soil	D 2216	
			SW 8260B	
SB16 (14-15')	14I0336-11	Soil	D 2216	
			SW 8260B	
Trip Blank	14I0336-12	Water	SW 8260B	

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-01 **Collection Date:** 9/4/2014 2:55:00PM
Client Sample ID: SB21 (13-14') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.0280	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,1,1-Trichloroethane	**1.49**	0.0581	0.232		mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0259	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,1,2-Trichloroethane	BDL	0.0370	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,1-Dichloroethane	BDL	0.0491	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,1-Dichloroethene	BDL	0.0790	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,1-Dichloropropene	BDL	0.0593	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2,3-Trichlorobenzene	BDL	0.0271	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2,3-Trichloropropane	BDL	0.0590	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2,4-Trichlorobenzene	BDL	0.0311	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2,4-Trimethylbenzene	BDL	0.0385	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0374	0.465	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2-Dibromoethane	BDL	0.0263	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2-Dichlorobenzene	BDL	0.0322	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2-Dichloroethane	BDL	0.0481	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,2-Dichloropropane	BDL	0.0329	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,3,5-Trimethylbenzene	BDL	0.0426	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,3-Dichlorobenzene	BDL	0.0323	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,3-Dichloropropane	BDL	0.0292	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
1,4-Dichlorobenzene	BDL	0.0265	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
2,2-Dichloropropane	BDL	0.0694	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
2-Butanone	BDL	0.0654	0.930	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
2-Chlorotoluene	BDL	0.0378	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
2-Hexanone	BDL	0.209	0.930	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
4-Chlorotoluene	BDL	0.0377	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
4-Isopropyltoluene	BDL	0.0626	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
4-Methyl-2-pentanone	BDL	0.134	0.930	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Acetone	BDL	0.632	2.32	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Acetonitrile	BDL	0.458	1.86	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Acrolein	BDL	0.343	2.32	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Acrylonitrile	BDL	0.0526	0.930	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Allyl chloride	BDL	0.0514	0.465	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Benzene	BDL	0.0376	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Bromobenzene	BDL	0.0361	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Bromochloromethane	BDL	0.0285	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Bromodichloromethane	BDL	0.0366	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Bromoform	BDL	0.0280	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Bromomethane	BDL	0.0364	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Carbon Disulfide	BDL	0.0724	0.930	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Carbon Tetrachloride	BDL	0.0674	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Chlorobenzene	BDL	0.0355	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Chloroethane	BDL	0.0667	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-01 **Collection Date:** 9/4/2014 2:55:00PM
Client Sample ID: SB21 (13-14') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.0477	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Chloromethane	BDL	0.0363	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
cis-1,2-Dichloroethene	BDL	0.0425	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
cis-1,3-Dichloropropene	BDL	0.0302	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Dibromochloromethane	BDL	0.0285	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Dibromomethane	BDL	0.0360	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Dichlorodifluoromethane	BDL	0.0997	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Ethylbenzene	BDL	0.0535	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Hexachlorobutadiene	BDL	0.108	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Iodomethane	BDL	0.0690	0.465	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Isopropylbenzene	BDL	0.0478	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Methylene Chloride	BDL	0.0752	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Methyl tert-Butyl Ether	BDL	0.0537	0.465	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
m,p-Xylene	BDL	0.0905	0.465	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Naphthalene	BDL	0.0292	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
n-Butylbenzene	BDL	0.0748	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
n-Hexane	BDL	0.113	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
n-Propylbenzene	BDL	0.0499	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
o-Xylene	BDL	0.0336	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
sec-Butylbenzene	BDL	0.0636	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Styrene	BDL	0.0448	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
tert_Butylbenzene	BDL	0.0579	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Tetrachloroethene	**51.1**	1.35	4.65		mg/kg dry	1000	1437225	9/10/2014 10:52:00AM	9/10/2014 4:35:00PM
Toluene	BDL	0.0405	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
trans-1,2-Dichloroethene	BDL	0.0554	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
trans-1,3-Dichloropropene	BDL	0.0398	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Trichloroethene	**2.28**	0.0515	0.232		mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Trichlorofluoromethane	BDL	0.0838	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Vinyl Chloride	BDL	0.0843	0.232	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Vinyl acetate	BDL	0.0903	0.465	A-01	mg/kg dry	50	1438165	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:35:00PM
Surrogate: 4-Bromofluorobenzene		*106 %*			*69-130*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Surrogate: Dibromofluoromethane		*95.3 %*			*66-136*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Surrogate: Dibromofluoromethane		*98.0 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:35:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:35:00PM
Surrogate: Toluene-d8		*94.8 %*			*67-139*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 4:35:00PM
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*			*67-136*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:13:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**6.33**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-01
Client Sample ID: SB21 (13-14')
Collection Date: 9/4/2014 2:55:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-02 **Collection Date:** 9/4/2014 4:00:00PM
Client Sample ID: SB19 (12-13') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.144	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,1,1-Trichloroethane	**0.611**	0.299	1.20	A-01, J	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,1,2,2-Tetrachloroethane	BDL	0.133	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,1,2-Trichloroethane	BDL	0.191	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,1-Dichloroethane	BDL	0.253	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,1-Dichloroethene	BDL	0.407	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,1-Dichloropropene	BDL	0.306	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2,3-Trichlorobenzene	BDL	0.140	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2,3-Trichloropropane	BDL	0.304	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2,4-Trichlorobenzene	BDL	0.160	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2,4-Trimethylbenzene	BDL	0.198	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2-Dibromo-3-chloropropane	BDL	0.193	2.40	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2-Dibromoethane	BDL	0.136	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2-Dichlorobenzene	BDL	0.166	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2-Dichloroethane	BDL	0.248	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,2-Dichloropropane	BDL	0.170	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,3,5-Trimethylbenzene	BDL	0.220	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,3-Dichlorobenzene	BDL	0.166	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,3-Dichloropropane	BDL	0.151	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
1,4-Dichlorobenzene	BDL	0.137	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
2,2-Dichloropropane	BDL	0.358	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
2-Butanone	BDL	0.337	4.79	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
2-Chlorotoluene	BDL	0.195	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
2-Hexanone	BDL	1.08	4.79	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
4-Chlorotoluene	BDL	0.194	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
4-Isopropyltoluene	BDL	0.323	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
4-Methyl-2-pentanone	BDL	0.690	4.79	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Acetone	BDL	3.26	12.0	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Acetonitrile	BDL	2.36	9.59	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Acrolein	BDL	1.77	12.0	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Acrylonitrile	BDL	0.271	4.79	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Allyl chloride	BDL	0.265	2.40	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Benzene	BDL	0.194	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Bromobenzene	BDL	0.186	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Bromochloromethane	BDL	0.147	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Bromodichloromethane	BDL	0.189	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Bromoform	BDL	0.145	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Bromomethane	BDL	0.188	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Carbon Disulfide	BDL	0.373	4.79	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Carbon Tetrachloride	BDL	0.347	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Chlorobenzene	BDL	0.183	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Chloroethane	BDL	0.344	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-02 **Collection Date:** 9/4/2014 4:00:00PM
Client Sample ID: SB19 (12-13') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.246	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Chloromethane	BDL	0.187	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
cis-1,2-Dichloroethene	BDL	0.219	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
cis-1,3-Dichloropropene	BDL	0.156	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Dibromochloromethane	BDL	0.147	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Dibromomethane	BDL	0.186	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Dichlorodifluoromethane	BDL	0.514	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Ethylbenzene	BDL	0.276	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Hexachlorobutadiene	BDL	0.555	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Iodomethane	BDL	0.355	2.40	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Isopropylbenzene	BDL	0.247	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Methylene Chloride	**0.832**	0.388	1.20	A-01, J	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Methyl tert-Butyl Ether	BDL	0.277	2.40	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
m,p-Xylene	BDL	0.466	2.40	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Naphthalene	BDL	0.150	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
n-Butylbenzene	BDL	0.386	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
n-Hexane	BDL	0.584	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
n-Propylbenzene	BDL	0.257	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
o-Xylene	BDL	0.173	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
sec-Butylbenzene	BDL	0.328	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Styrene	BDL	0.231	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
tert_Butylbenzene	BDL	0.299	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Tetrachloroethene	**246**	3.47	12.0		mg/kg dry	2500	1438024	9/12/2014 1:30:00PM	9/12/2014 10:07:00PM
Toluene	BDL	0.209	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
trans-1,2-Dichloroethene	BDL	0.286	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
trans-1,3-Dichloropropene	BDL	0.205	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Trichloroethene	**5.48**	0.266	1.20		mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Trichlorofluoromethane	BDL	0.432	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Vinyl Chloride	BDL	0.434	1.20	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Vinyl acetate	BDL	0.465	2.40	A-01	mg/kg dry	250	1438062	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1438024*	9/12/2014 1:30:00PM	9/12/2014 10:07:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 5:10:00PM
Surrogate: 4-Bromofluorobenzene		*99.7 %*			*69-130*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Surrogate: Dibromofluoromethane		*104 %*			*66-136*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Surrogate: Dibromofluoromethane		*110 %*			*66-136*		*1438024*	9/12/2014 1:30:00PM	9/12/2014 10:07:00PM
Surrogate: Dibromofluoromethane		*98.3 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 5:10:00PM
Surrogate: Toluene-d8		*105 %*			*67-139*		*1438024*	9/12/2014 1:30:00PM	9/12/2014 10:07:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 5:10:00PM
Surrogate: Toluene-d8		*96.4 %*			*67-139*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
Surrogate: 1,2-Dichloroethane-d4		*109 %*			*67-136*		*1438024*	9/12/2014 1:30:00PM	9/12/2014 10:07:00PM
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 5:10:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-02
Client Sample ID: SB19 (12-13')
Collection Date: 9/4/2014 4:00:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Surrogate: 1,2-Dichloroethane-d4		*105 %*			*67-136*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:25:00AM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**5.51**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-03 **Collection Date:** 9/4/2014 4:50:00PM
Client Sample ID: SB18 (18-19') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.586	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,1,1-Trichloroethane	BDL	1.22	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,1,2,2-Tetrachloroethane	BDL	0.542	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,1,2-Trichloroethane	BDL	0.774	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,1-Dichloroethane	BDL	1.03	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,1-Dichloroethene	BDL	1.65	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,1-Dichloropropene	BDL	1.24	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2,3-Trichlorobenzene	BDL	0.568	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2,3-Trichloropropane	BDL	1.24	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2,4-Trichlorobenzene	BDL	0.651	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2,4-Trimethylbenzene	BDL	0.805	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2-Dibromo-3-chloropropane	BDL	0.783	9.74	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2-Dibromoethane	BDL	0.551	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2-Dichlorobenzene	BDL	0.674	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2-Dichloroethane	BDL	1.01	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,2-Dichloropropane	BDL	0.690	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,3,5-Trimethylbenzene	BDL	0.892	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,3-Dichlorobenzene	BDL	0.676	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,3-Dichloropropane	BDL	0.613	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
1,4-Dichlorobenzene	BDL	0.555	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
2,2-Dichloropropane	BDL	1.45	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
2-Butanone	BDL	1.37	19.5	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
2-Chlorotoluene	BDL	0.792	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
2-Hexanone	BDL	4.38	19.5	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
4-Chlorotoluene	BDL	0.789	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
4-Isopropyltoluene	BDL	1.31	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
4-Methyl-2-pentanone	BDL	2.81	19.5	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Acetone	BDL	13.2	48.7	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Acetonitrile	BDL	9.60	39.0	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Acrolein	BDL	7.18	48.7	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Acrylonitrile	BDL	1.10	19.5	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Allyl chloride	BDL	1.08	9.74	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Benzene	BDL	0.788	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Bromobenzene	BDL	0.756	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Bromochloromethane	BDL	0.597	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Bromodichloromethane	BDL	0.768	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Bromoform	BDL	0.587	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Bromomethane	BDL	0.763	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Carbon Disulfide	BDL	1.52	19.5	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Carbon Tetrachloride	BDL	1.41	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Chlorobenzene	BDL	0.743	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Chloroethane	BDL	1.40	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-03 **Collection Date:** 9/4/2014 4:50:00PM
Client Sample ID: SB18 (18-19') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.998	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Chloromethane	BDL	0.760	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
cis-1,2-Dichloroethene	BDL	0.889	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
cis-1,3-Dichloropropene	BDL	0.633	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Dibromochloromethane	BDL	0.597	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Dibromomethane	BDL	0.755	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Dichlorodifluoromethane	BDL	2.09	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Ethylbenzene	BDL	1.12	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Hexachlorobutadiene	BDL	2.26	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Iodomethane	BDL	1.44	9.74	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Isopropylbenzene	BDL	1.00	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Methylene Chloride	**3.01**	1.58	4.87	A-01, J	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Methyl tert-Butyl Ether	BDL	1.12	9.74	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
m,p-Xylene	BDL	1.90	9.74	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Naphthalene	BDL	0.611	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
n-Butylbenzene	BDL	1.57	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
n-Hexane	BDL	2.37	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
n-Propylbenzene	BDL	1.05	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
o-Xylene	BDL	0.703	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
sec-Butylbenzene	BDL	1.33	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Styrene	BDL	0.938	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
tert_Butylbenzene	BDL	1.21	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Tetrachloroethene	**693**	141	487		mg/kg dry	100000	1438131	9/15/2014 10:49:00AM	9/15/2014 1:06:00PM
Toluene	BDL	0.849	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
trans-1,2-Dichloroethene	BDL	1.16	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
trans-1,3-Dichloropropene	BDL	0.833	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Trichloroethene	**11.6**	1.08	4.87		mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Trichlorofluoromethane	BDL	1.76	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Vinyl Chloride	BDL	1.77	4.87	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Vinyl acetate	BDL	1.89	9.74	A-01	mg/kg dry	1000	1438062	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:06:00PM
Surrogate: 4-Bromofluorobenzene		*99.1 %*			*69-130*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Surrogate: Dibromofluoromethane		*107 %*			*66-136*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Surrogate: Dibromofluoromethane		*95.6 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:06:00PM
Surrogate: Toluene-d8		*100 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:06:00PM
Surrogate: Toluene-d8		*97.4 %*			*67-139*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:06:00PM
Surrogate: 1,2-Dichloroethane-d4		*109 %*			*67-136*		*1438062*	9/12/2014 2:08:00PM	9/13/2014 12:59:00AM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**8.82**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-03
Client Sample ID: SB18 (18-19')
Collection Date: 9/4/2014 4:50:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-04 **Collection Date:** 9/4/2014 6:05:00PM
Client Sample ID: SB26 (10-11') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.0338	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,1,1-Trichloroethane	BDL	0.0702	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0313	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,1,2-Trichloroethane	BDL	0.0447	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,1-Dichloroethane	BDL	0.0593	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,1-Dichloroethene	BDL	0.0955	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,1-Dichloropropene	BDL	0.0717	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2,3-Trichlorobenzene	BDL	0.0328	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2,3-Trichloropropane	BDL	0.0713	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2,4-Trichlorobenzene	BDL	0.0376	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2,4-Trimethylbenzene	BDL	0.0465	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0452	0.562	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2-Dibromoethane	BDL	0.0318	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2-Dichlorobenzene	BDL	0.0389	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2-Dichloroethane	BDL	0.0582	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,2-Dichloropropane	BDL	0.0398	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,3,5-Trimethylbenzene	BDL	0.0515	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,3-Dichlorobenzene	BDL	0.0390	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,3-Dichloropropane	BDL	0.0354	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
1,4-Dichlorobenzene	BDL	0.0320	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
2,2-Dichloropropane	BDL	0.0839	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
2-Butanone	BDL	0.0791	1.12	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
2-Chlorotoluene	BDL	0.0457	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
2-Hexanone	BDL	0.253	1.12	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
4-Chlorotoluene	BDL	0.0455	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
4-Isopropyltoluene	BDL	0.0757	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
4-Methyl-2-pentanone	BDL	0.162	1.12	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Acetone	BDL	0.764	2.81	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Acetonitrile	BDL	0.554	2.25	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Acrolein	BDL	0.414	2.81	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Acrylonitrile	BDL	0.0636	1.12	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Allyl chloride	BDL	0.0622	0.562	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Benzene	BDL	0.0455	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Bromobenzene	BDL	0.0436	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Bromochloromethane	BDL	0.0345	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Bromodichloromethane	BDL	0.0443	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Bromoform	BDL	0.0339	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Bromomethane	BDL	0.0440	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Carbon Disulfide	BDL	0.0875	1.12	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Carbon Tetrachloride	BDL	0.0815	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Chlorobenzene	BDL	0.0429	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Chloroethane	BDL	0.0806	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-04 **Collection Date:** 9/4/2014 6:05:00PM
Client Sample ID: SB26 (10-11') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	**0.121**	0.0576	0.281	A-01, J	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Chloromethane	BDL	0.0439	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
cis-1,2-Dichloroethene	BDL	0.0513	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
cis-1,3-Dichloropropene	BDL	0.0365	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Dibromochloromethane	BDL	0.0345	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Dibromomethane	BDL	0.0436	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Dichlorodifluoromethane	BDL	0.121	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Ethylbenzene	BDL	0.0647	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Hexachlorobutadiene	BDL	0.130	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Iodomethane	BDL	0.0834	0.562	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Isopropylbenzene	BDL	0.0579	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Methylene Chloride	BDL	0.0910	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Methyl tert-Butyl Ether	**0.0956**	0.0649	0.562	A-01, J	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
m,p-Xylene	BDL	0.109	0.562	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Naphthalene	BDL	0.0353	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
n-Butylbenzene	BDL	0.0905	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
n-Hexane	BDL	0.137	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
n-Propylbenzene	BDL	0.0604	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
o-Xylene	BDL	0.0406	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
sec-Butylbenzene	BDL	0.0769	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Styrene	BDL	0.0541	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
tert_Butylbenzene	BDL	0.0701	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Tetrachloroethene	**17.8**	1.63	5.62		mg/kg dry	1000	1437225	9/10/2014 10:52:00AM	9/10/2014 6:18:00PM
Toluene	BDL	0.0490	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
trans-1,2-Dichloroethene	BDL	0.0670	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
trans-1,3-Dichloropropene	BDL	0.0481	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Trichloroethene	BDL	0.0623	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Trichlorofluoromethane	BDL	0.101	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Vinyl Chloride	BDL	0.102	0.281	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Vinyl acetate	BDL	0.109	0.562	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:18:00PM
Surrogate: 4-Bromofluorobenzene		*104 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Surrogate: Dibromofluoromethane		*98.8 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Surrogate: Dibromofluoromethane		*101 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:18:00PM
Surrogate: Toluene-d8		*103 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:18:00PM
Surrogate: Toluene-d8		*98.7 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
Surrogate: 1,2-Dichloroethane-d4		*103 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:18:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:42:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**8.51**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-04
Client Sample ID: SB26 (10-11')
Collection Date: 9/4/2014 6:05:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-05 **Collection Date:** 9/5/2014 8:05:00AM
Client Sample ID: SB27 (9-10') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.0303	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,1,1-Trichloroethane	BDL	0.0630	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0280	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,1,2-Trichloroethane	BDL	0.0401	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,1-Dichloroethane	BDL	0.0532	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,1-Dichloroethene	BDL	0.0856	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,1-Dichloropropene	BDL	0.0643	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2,3-Trichlorobenzene	BDL	0.0294	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2,3-Trichloropropane	BDL	0.0639	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2,4-Trichlorobenzene	BDL	0.0337	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2,4-Trimethylbenzene	BDL	0.0417	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2-Dibromo-3-chloropropane	BDL	0.0405	0.504	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2-Dibromoethane	BDL	0.0285	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2-Dichlorobenzene	BDL	0.0349	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2-Dichloroethane	BDL	0.0522	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,2-Dichloropropane	BDL	0.0357	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,3,5-Trimethylbenzene	BDL	0.0462	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,3-Dichlorobenzene	BDL	0.0350	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,3-Dichloropropane	BDL	0.0317	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
1,4-Dichlorobenzene	BDL	0.0287	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
2,2-Dichloropropane	BDL	0.0752	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
2-Butanone	BDL	0.0709	1.01	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
2-Chlorotoluene	BDL	0.0410	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
2-Hexanone	BDL	0.227	1.01	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
4-Chlorotoluene	BDL	0.0408	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
4-Isopropyltoluene	BDL	0.0679	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
4-Methyl-2-pentanone	BDL	0.145	1.01	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Acetone	BDL	0.685	2.52	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Acetonitrile	BDL	0.497	2.02	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Acrolein	BDL	0.372	2.52	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Acrylonitrile	BDL	0.0571	1.01	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Allyl chloride	BDL	0.0558	0.504	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Benzene	BDL	0.0408	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Bromobenzene	BDL	0.0391	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Bromochloromethane	BDL	0.0309	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Bromodichloromethane	BDL	0.0397	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Bromoform	BDL	0.0304	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Bromomethane	BDL	0.0395	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Carbon Disulfide	BDL	0.0785	1.01	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Carbon Tetrachloride	BDL	0.0731	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Chlorobenzene	BDL	0.0385	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Chloroethane	BDL	0.0723	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-05 **Collection Date:** 9/5/2014 8:05:00AM
Client Sample ID: SB27 (9-10') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.0517	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Chloromethane	BDL	0.0393	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
cis-1,2-Dichloroethene	BDL	0.0460	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
cis-1,3-Dichloropropene	BDL	0.0328	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Dibromochloromethane	BDL	0.0309	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Dibromomethane	BDL	0.0391	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Dichlorodifluoromethane	BDL	0.108	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Ethylbenzene	BDL	0.0580	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Hexachlorobutadiene	BDL	0.117	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Iodomethane	BDL	0.0748	0.504	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Isopropylbenzene	BDL	0.0519	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Methylene Chloride	BDL	0.0816	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Methyl tert-Butyl Ether	**0.0857**	0.0582	0.504	A-01, J	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
m,p-Xylene	BDL	0.0981	0.504	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Naphthalene	BDL	0.0316	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
n-Butylbenzene	BDL	0.0811	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
n-Hexane	BDL	0.123	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
n-Propylbenzene	BDL	0.0541	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
o-Xylene	BDL	0.0364	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
sec-Butylbenzene	BDL	0.0689	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Styrene	BDL	0.0485	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
tert_Butylbenzene	BDL	0.0628	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Tetrachloroethene	**12.2**	1.46	5.04		mg/kg dry	1000	1437225	9/10/2014 10:52:00AM	9/10/2014 6:52:00PM
Toluene	BDL	0.0440	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
trans-1,2-Dichloroethene	BDL	0.0601	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
trans-1,3-Dichloropropene	BDL	0.0431	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Trichloroethene	BDL	0.0559	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Trichlorofluoromethane	BDL	0.0909	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Vinyl Chloride	BDL	0.0914	0.252	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Vinyl acetate	BDL	0.0979	0.504	A-01	mg/kg dry	50	1438131	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:52:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Surrogate: Dibromofluoromethane		*101 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Surrogate: Dibromofluoromethane		*100 %*			*66-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:52:00PM
Surrogate: Toluene-d8		*99.0 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
Surrogate: Toluene-d8		*102 %*			*67-139*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:52:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*67-136*		*1437225*	9/10/2014 10:52:00AM	9/10/2014 6:52:00PM
Surrogate: 1,2-Dichloroethane-d4		*105 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:16:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**7.13**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-05
Client Sample ID: SB27 (9-10')
Collection Date: 9/5/2014 8:05:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-06 **Collection Date:** 9/5/2014 9:20:00AM
Client Sample ID: SB14 (14-15') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.608	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,1,1-Trichloroethane	BDL	1.26	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,1,2,2-Tetrachloroethane	BDL	0.562	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,1,2-Trichloroethane	BDL	0.803	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,1-Dichloroethane	BDL	1.07	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,1-Dichloroethene	BDL	1.72	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,1-Dichloropropene	BDL	1.29	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2,3-Trichlorobenzene	BDL	0.589	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2,3-Trichloropropane	BDL	1.28	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2,4-Trichlorobenzene	BDL	0.675	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2,4-Trimethylbenzene	BDL	0.835	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2-Dibromo-3-chloropropane	BDL	0.812	10.1	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2-Dibromoethane	BDL	0.572	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2-Dichlorobenzene	BDL	0.699	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2-Dichloroethane	BDL	1.05	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,2-Dichloropropane	BDL	0.715	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,3,5-Trimethylbenzene	BDL	0.925	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,3-Dichlorobenzene	BDL	0.701	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,3-Dichloropropane	BDL	0.635	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
1,4-Dichlorobenzene	BDL	0.576	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
2,2-Dichloropropane	BDL	1.51	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
2-Butanone	BDL	1.42	20.2	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
2-Chlorotoluene	BDL	0.821	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
2-Hexanone	BDL	4.54	20.2	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
4-Chlorotoluene	BDL	0.818	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
4-Isopropyltoluene	BDL	1.36	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
4-Methyl-2-pentanone	BDL	2.91	20.2	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Acetone	BDL	13.7	50.5	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Acetonitrile	BDL	9.96	40.4	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Acrolein	BDL	7.45	50.5	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Acrylonitrile	BDL	1.14	20.2	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Allyl chloride	BDL	1.12	10.1	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Benzene	BDL	0.817	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Bromobenzene	BDL	0.784	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Bromochloromethane	BDL	0.619	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Bromodichloromethane	BDL	0.796	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Bromoform	BDL	0.609	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Bromomethane	BDL	0.791	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Carbon Disulfide	BDL	1.57	20.2	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Carbon Tetrachloride	BDL	1.46	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Chlorobenzene	BDL	0.771	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Chloroethane	BDL	1.45	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-06 **Collection Date:** 9/5/2014 9:20:00AM
Client Sample ID: SB14 (14-15') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	1.04	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Chloromethane	BDL	0.788	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
cis-1,2-Dichloroethene	BDL	0.922	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
cis-1,3-Dichloropropene	BDL	0.657	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Dibromochloromethane	BDL	0.619	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Dibromomethane	BDL	0.783	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Dichlorodifluoromethane	BDL	2.17	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Ethylbenzene	BDL	1.16	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Hexachlorobutadiene	BDL	2.34	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Iodomethane	BDL	1.50	10.1	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Isopropylbenzene	BDL	1.04	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Methylene Chloride	BDL	1.63	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Methyl tert-Butyl Ether	**2.06**	1.17	10.1	A-01, J	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
m,p-Xylene	BDL	1.97	10.1	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Naphthalene	BDL	0.633	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
n-Butylbenzene	BDL	1.63	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
n-Hexane	BDL	2.46	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
n-Propylbenzene	BDL	1.08	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
o-Xylene	BDL	0.729	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
sec-Butylbenzene	BDL	1.38	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Styrene	BDL	0.973	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
tert_Butylbenzene	BDL	1.26	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Tetrachloroethene	**787**	146	505		mg/kg dry	100000	1438131	9/15/2014 10:49:00AM	9/15/2014 1:40:00PM
Toluene	BDL	0.881	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
trans-1,2-Dichloroethene	BDL	1.20	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
trans-1,3-Dichloropropene	BDL	0.864	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Trichloroethene	BDL	1.12	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Trichlorofluoromethane	BDL	1.82	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Vinyl Chloride	BDL	1.83	5.05	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Vinyl acetate	BDL	1.96	10.1	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:40:00PM
Surrogate: Dibromofluoromethane		*101 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Surrogate: Dibromofluoromethane		*99.4 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:40:00PM
Surrogate: Toluene-d8		*94.3 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Surrogate: Toluene-d8		*98.3 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:40:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 6:51:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 1:40:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**6.96**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-06
Client Sample ID: SB14 (14-15')
Collection Date: 9/5/2014 9:20:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-07 **Collection Date:** 9/5/2014 10:20:00AM
Client Sample ID: SB12 (10-11') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.146	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,1,1-Trichloroethane	BDL	0.304	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,1,2,2-Tetrachloroethane	BDL	0.135	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,1,2-Trichloroethane	BDL	0.193	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,1-Dichloroethane	BDL	0.257	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,1-Dichloroethene	BDL	0.413	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,1-Dichloropropene	BDL	0.310	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2,3-Trichlorobenzene	BDL	0.142	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2,3-Trichloropropane	BDL	0.308	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2,4-Trichlorobenzene	BDL	0.162	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2,4-Trimethylbenzene	BDL	0.201	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2-Dibromo-3-chloropropane	BDL	0.196	2.43	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2-Dibromoethane	BDL	0.138	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2-Dichlorobenzene	BDL	0.168	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2-Dichloroethane	BDL	0.252	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,2-Dichloropropane	BDL	0.172	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,3,5-Trimethylbenzene	BDL	0.223	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,3-Dichlorobenzene	BDL	0.169	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,3-Dichloropropane	BDL	0.153	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
1,4-Dichlorobenzene	BDL	0.139	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
2,2-Dichloropropane	BDL	0.363	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
2-Butanone	BDL	0.342	4.86	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
2-Chlorotoluene	BDL	0.198	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
2-Hexanone	BDL	1.09	4.86	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
4-Chlorotoluene	BDL	0.197	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
4-Isopropyltoluene	BDL	0.328	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
4-Methyl-2-pentanone	BDL	0.701	4.86	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Acetone	BDL	3.31	12.2	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Acetonitrile	BDL	2.40	9.73	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Acrolein	BDL	1.79	12.2	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Acrylonitrile	BDL	0.275	4.86	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Allyl chloride	BDL	0.269	2.43	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Benzene	BDL	0.197	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Bromobenzene	BDL	0.189	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Bromochloromethane	BDL	0.149	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Bromodichloromethane	BDL	0.192	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Bromoform	BDL	0.147	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Bromomethane	BDL	0.190	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Carbon Disulfide	BDL	0.379	4.86	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Carbon Tetrachloride	BDL	0.353	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Chlorobenzene	BDL	0.186	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Chloroethane	BDL	0.349	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-07 **Collection Date:** 9/5/2014 10:20:00AM
Client Sample ID: SB12 (10-11') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.249	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Chloromethane	BDL	0.190	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
cis-1,2-Dichloroethene	BDL	0.222	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
cis-1,3-Dichloropropene	BDL	0.158	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Dibromochloromethane	BDL	0.149	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Dibromomethane	BDL	0.189	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Dichlorodifluoromethane	BDL	0.522	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Ethylbenzene	BDL	0.280	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Hexachlorobutadiene	BDL	0.563	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Iodomethane	BDL	0.361	2.43	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Isopropylbenzene	BDL	0.250	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Methylene Chloride	BDL	0.394	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Methyl tert-Butyl Ether	BDL	0.281	2.43	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
m,p-Xylene	BDL	0.473	2.43	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Naphthalene	BDL	0.153	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
n-Butylbenzene	BDL	0.391	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
n-Hexane	BDL	0.593	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
n-Propylbenzene	BDL	0.261	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
o-Xylene	BDL	0.176	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
sec-Butylbenzene	BDL	0.333	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Styrene	BDL	0.234	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
tert_Butylbenzene	BDL	0.303	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Tetrachloroethene	**129**	14.1	48.6		mg/kg dry	10000	1438131	9/15/2014 10:49:00AM	9/15/2014 2:49:00PM
Toluene	BDL	0.212	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
trans-1,2-Dichloroethene	BDL	0.290	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
trans-1,3-Dichloropropene	BDL	0.208	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Trichloroethene	BDL	0.270	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Trichlorofluoromethane	BDL	0.439	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Vinyl Chloride	BDL	0.441	1.22	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Vinyl acetate	BDL	0.472	2.43	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 2:49:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Surrogate: Dibromofluoromethane		*95.2 %*			*66-136*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Surrogate: Dibromofluoromethane		*102 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 2:49:00PM
Surrogate: Toluene-d8		*94.1 %*			*67-139*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
Surrogate: Toluene-d8		*98.0 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 2:49:00PM
Surrogate: 1,2-Dichloroethane-d4		*103 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 2:49:00PM
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*			*67-136*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 12:47:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**6.05**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-07
Client Sample ID: SB12 (10-11')
Collection Date: 9/5/2014 10:20:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-08 **Collection Date:** 9/5/2014 10:55:00AM
Client Sample ID: SB15 (11-12') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.148	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,1,1-Trichloroethane	BDL	0.306	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,1,2,2-Tetrachloroethane	BDL	0.136	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,1,2-Trichloroethane	BDL	0.195	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,1-Dichloroethane	BDL	0.259	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,1-Dichloroethene	BDL	0.417	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,1-Dichloropropene	BDL	0.313	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2,3-Trichlorobenzene	BDL	0.143	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2,3-Trichloropropane	BDL	0.311	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2,4-Trichlorobenzene	BDL	0.164	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2,4-Trimethylbenzene	BDL	0.203	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2-Dibromo-3-chloropropane	BDL	0.197	2.45	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2-Dibromoethane	BDL	0.139	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2-Dichlorobenzene	BDL	0.170	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2-Dichloroethane	BDL	0.254	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,2-Dichloropropane	BDL	0.174	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,3,5-Trimethylbenzene	BDL	0.225	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,3-Dichlorobenzene	BDL	0.170	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,3-Dichloropropane	BDL	0.154	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
1,4-Dichlorobenzene	BDL	0.140	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
2,2-Dichloropropane	BDL	0.366	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
2-Butanone	BDL	0.345	4.91	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
2-Chlorotoluene	BDL	0.199	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
2-Hexanone	BDL	1.10	4.91	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
4-Chlorotoluene	BDL	0.199	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
4-Isopropyltoluene	BDL	0.330	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
4-Methyl-2-pentanone	BDL	0.707	4.91	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Acetone	BDL	3.33	12.3	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Acetonitrile	BDL	2.42	9.81	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Acrolein	BDL	1.81	12.3	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Acrylonitrile	BDL	0.278	4.91	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Allyl chloride	BDL	0.271	2.45	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Benzene	BDL	0.198	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Bromobenzene	BDL	0.190	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Bromochloromethane	BDL	0.150	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Bromodichloromethane	BDL	0.193	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Bromoform	BDL	0.148	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Bromomethane	BDL	0.192	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Carbon Disulfide	BDL	0.382	4.91	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Carbon Tetrachloride	BDL	0.356	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Chlorobenzene	BDL	0.187	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Chloroethane	BDL	0.352	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-08 **Collection Date:** 9/5/2014 10:55:00AM
Client Sample ID: SB15 (11-12') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.251	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Chloromethane	BDL	0.191	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
cis-1,2-Dichloroethene	BDL	0.224	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
cis-1,3-Dichloropropene	BDL	0.159	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Dibromochloromethane	BDL	0.150	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Dibromomethane	BDL	0.190	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Dichlorodifluoromethane	BDL	0.526	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Ethylbenzene	BDL	0.282	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Hexachlorobutadiene	BDL	0.568	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Iodomethane	BDL	0.364	2.45	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Isopropylbenzene	BDL	0.252	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Methylene Chloride	**0.567**	0.397	1.23	A-01, J	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Methyl tert-Butyl Ether	BDL	0.283	2.45	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
m,p-Xylene	BDL	0.477	2.45	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Naphthalene	BDL	0.154	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
n-Butylbenzene	BDL	0.395	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
n-Hexane	BDL	0.598	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
n-Propylbenzene	BDL	0.263	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
o-Xylene	BDL	0.177	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
sec-Butylbenzene	BDL	0.335	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Styrene	BDL	0.236	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
tert_Butylbenzene	BDL	0.306	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Tetrachloroethene	**196**	3.56	12.3		mg/kg dry	2500	1438024	9/12/2014 1:30:00PM	9/13/2014 12:24:00AM
Toluene	BDL	0.214	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
trans-1,2-Dichloroethene	BDL	0.292	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
trans-1,3-Dichloropropene	BDL	0.210	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Trichloroethene	**1.27**	0.272	1.23		mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Trichlorofluoromethane	BDL	0.442	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Vinyl Chloride	BDL	0.445	1.23	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Vinyl acetate	BDL	0.476	2.45	A-01	mg/kg dry	250	1438165	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Surrogate: 4-Bromofluorobenzene		*97.1 %*			*69-130*		*1438024*	9/12/2014 1:30:00PM	9/13/2014 12:24:00AM
Surrogate: 4-Bromofluorobenzene		*102 %*			*69-130*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Surrogate: Dibromofluoromethane		*94.3 %*			*66-136*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Surrogate: Dibromofluoromethane		*110 %*			*66-136*		*1438024*	9/12/2014 1:30:00PM	9/13/2014 12:24:00AM
Surrogate: Toluene-d8		*107 %*			*67-139*		*1438024*	9/12/2014 1:30:00PM	9/13/2014 12:24:00AM
Surrogate: Toluene-d8		*93.8 %*			*67-139*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
Surrogate: 1,2-Dichloroethane-d4		*109 %*			*67-136*		*1438024*	9/12/2014 1:30:00PM	9/13/2014 12:24:00AM
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*			*67-136*		*1438165*	9/17/2014 9:56:00AM	9/17/2014 1:21:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**6.85**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-08
Client Sample ID: SB15 (11-12')
Collection Date: 9/5/2014 10:55:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-09 **Collection Date:** 9/5/2014 11:35:00AM
Client Sample ID: SB13 (17-18') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.602	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,1,1-Trichloroethane	BDL	1.25	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,1,2,2-Tetrachloroethane	BDL	0.556	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,1,2-Trichloroethane	BDL	0.795	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,1-Dichloroethane	BDL	1.05	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,1-Dichloroethene	BDL	1.70	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,1-Dichloropropene	BDL	1.27	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2,3-Trichlorobenzene	BDL	0.583	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2,3-Trichloropropane	BDL	1.27	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2,4-Trichlorobenzene	BDL	0.668	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2,4-Trimethylbenzene	BDL	0.827	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2-Dibromo-3-chloropropane	BDL	0.804	10.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2-Dibromoethane	BDL	0.566	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2-Dichlorobenzene	BDL	0.692	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2-Dichloroethane	BDL	1.03	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,2-Dichloropropane	BDL	0.708	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,3,5-Trimethylbenzene	BDL	0.916	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,3-Dichlorobenzene	BDL	0.694	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,3-Dichloropropane	BDL	0.629	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
1,4-Dichlorobenzene	BDL	0.570	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
2,2-Dichloropropane	BDL	1.49	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
2-Butanone	BDL	1.41	20.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
2-Chlorotoluene	BDL	0.813	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
2-Hexanone	BDL	4.50	20.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
4-Chlorotoluene	BDL	0.810	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
4-Isopropyltoluene	BDL	1.35	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
4-Methyl-2-pentanone	BDL	2.88	20.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Acetone	BDL	13.6	50.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Acetonitrile	BDL	9.86	40.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Acrolein	BDL	7.37	50.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Acrylonitrile	BDL	1.13	20.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Allyl chloride	BDL	1.11	10.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Benzene	BDL	0.809	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Bromobenzene	BDL	0.776	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Bromochloromethane	BDL	0.613	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Bromodichloromethane	BDL	0.788	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Bromoform	BDL	0.603	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Bromomethane	BDL	0.783	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Carbon Disulfide	BDL	1.56	20.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Carbon Tetrachloride	BDL	1.45	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Chlorobenzene	BDL	0.763	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Chloroethane	BDL	1.43	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-09 **Collection Date:** 9/5/2014 11:35:00AM
Client Sample ID: SB13 (17-18') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	1.02	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Chloromethane	BDL	0.780	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
cis-1,2-Dichloroethene	BDL	0.913	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
cis-1,3-Dichloropropene	BDL	0.650	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Dibromochloromethane	BDL	0.613	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Dibromomethane	BDL	0.775	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Dichlorodifluoromethane	BDL	2.14	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Ethylbenzene	BDL	1.15	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Hexachlorobutadiene	BDL	2.32	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Iodomethane	BDL	1.48	10.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Isopropylbenzene	BDL	1.03	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Methylene Chloride	BDL	1.62	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Methyl tert-Butyl Ether	**1.73**	1.15	10.0	A-01, J	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
m,p-Xylene	BDL	1.95	10.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Naphthalene	BDL	0.627	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
n-Butylbenzene	BDL	1.61	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
n-Hexane	BDL	2.44	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
n-Propylbenzene	BDL	1.07	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
o-Xylene	BDL	0.722	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
sec-Butylbenzene	BDL	1.37	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Styrene	BDL	0.963	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
tert_Butylbenzene	BDL	1.25	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Tetrachloroethene	**584**	14.5	50.0		mg/kg dry	10000	1438131	9/15/2014 10:49:00AM	9/15/2014 3:58:00PM
Toluene	BDL	0.872	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
trans-1,2-Dichloroethene	BDL	1.19	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
trans-1,3-Dichloropropene	BDL	0.855	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Trichloroethene	**9.24**	1.11	5.00		mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Trichlorofluoromethane	BDL	1.80	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Vinyl Chloride	BDL	1.81	5.00	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Vinyl acetate	BDL	1.94	10.0	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 3:58:00PM
Surrogate: Dibromofluoromethane		*99.2 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 3:58:00PM
Surrogate: Dibromofluoromethane		*99.5 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Surrogate: Toluene-d8		*94.8 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Surrogate: Toluene-d8		*98.2 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 3:58:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 8:34:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 3:58:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**8.91**				% by Weight	1	1437308	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-09
Client Sample ID: SB13 (17-18')
Collection Date: 9/5/2014 11:35:00AM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-10 **Collection Date:** 9/5/2014 1:00:00PM
Client Sample ID: SB17 (19-20') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.624	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,1,1-Trichloroethane	BDL	1.30	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,1,2,2-Tetrachloroethane	BDL	0.577	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,1,2-Trichloroethane	BDL	0.825	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,1-Dichloroethane	BDL	1.09	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,1-Dichloroethene	BDL	1.76	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,1-Dichloropropene	BDL	1.32	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2,3-Trichlorobenzene	BDL	0.605	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2,3-Trichloropropane	BDL	1.32	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2,4-Trichlorobenzene	BDL	0.693	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2,4-Trimethylbenzene	BDL	0.858	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2-Dibromo-3-chloropropane	BDL	0.834	10.4	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2-Dibromoethane	BDL	0.587	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2-Dichlorobenzene	BDL	0.718	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2-Dichloroethane	BDL	1.07	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,2-Dichloropropane	BDL	0.734	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,3,5-Trimethylbenzene	BDL	0.950	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,3-Dichlorobenzene	BDL	0.720	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,3-Dichloropropane	BDL	0.652	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
1,4-Dichlorobenzene	BDL	0.591	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
2,2-Dichloropropane	BDL	1.55	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
2-Butanone	BDL	1.46	20.7	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
2-Chlorotoluene	BDL	0.843	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
2-Hexanone	BDL	4.67	20.7	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
4-Chlorotoluene	BDL	0.840	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
4-Isopropyltoluene	BDL	1.40	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
4-Methyl-2-pentanone	BDL	2.99	20.7	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Acetone	BDL	14.1	51.9	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Acetonitrile	BDL	10.2	41.5	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Acrolein	BDL	7.65	51.9	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Acrylonitrile	BDL	1.17	20.7	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Allyl chloride	BDL	1.15	10.4	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Benzene	BDL	0.839	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Bromobenzene	BDL	0.805	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Bromochloromethane	BDL	0.636	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Bromodichloromethane	BDL	0.817	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Bromoform	BDL	0.625	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Bromomethane	BDL	0.812	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Carbon Disulfide	BDL	1.62	20.7	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Carbon Tetrachloride	BDL	1.50	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Chlorobenzene	BDL	0.791	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Chloroethane	BDL	1.49	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-10 **Collection Date:** 9/5/2014 1:00:00PM
Client Sample ID: SB17 (19-20') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	1.06	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Chloromethane	BDL	0.809	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
cis-1,2-Dichloroethene	BDL	0.947	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
cis-1,3-Dichloropropene	BDL	0.674	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Dibromochloromethane	BDL	0.636	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Dibromomethane	BDL	0.804	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Dichlorodifluoromethane	BDL	2.22	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Ethylbenzene	BDL	1.19	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Hexachlorobutadiene	BDL	2.40	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Iodomethane	BDL	1.54	10.4	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Isopropylbenzene	BDL	1.07	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Methylene Chloride	BDL	1.68	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Methyl tert-Butyl Ether	**1.83**	1.20	10.4	A-01, J	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
m,p-Xylene	BDL	2.02	10.4	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Naphthalene	BDL	0.650	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
n-Butylbenzene	BDL	1.67	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
n-Hexane	BDL	2.53	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
n-Propylbenzene	BDL	1.11	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
o-Xylene	BDL	0.749	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
sec-Butylbenzene	BDL	1.42	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Styrene	BDL	0.999	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
tert_Butylbenzene	BDL	1.29	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Tetrachloroethene	**323**	15.0	51.9		mg/kg dry	10000	1438131	9/15/2014 10:49:00AM	9/15/2014 4:33:00PM
Toluene	BDL	0.905	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
trans-1,2-Dichloroethene	BDL	1.24	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
trans-1,3-Dichloropropene	BDL	0.887	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Trichloroethene	**21.3**	1.15	5.19		mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Trichlorofluoromethane	BDL	1.87	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Vinyl Chloride	BDL	1.88	5.19	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Vinyl acetate	BDL	2.01	10.4	A-01	mg/kg dry	1000	1438131	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Surrogate: 4-Bromofluorobenzene		*101 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 4:33:00PM
Surrogate: Dibromofluoromethane		*102 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Surrogate: Dibromofluoromethane		*99.2 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 4:33:00PM
Surrogate: Toluene-d8		*95.8 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Surrogate: Toluene-d8		*97.6 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 4:33:00PM
Surrogate: 1,2-Dichloroethane-d4		*104 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:08:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 4:33:00PM
PMOIST		**D 2216**						**Analyst: CW**	
Percent Moisture	**10.6**				% by Weight	1	1437309	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-10
Client Sample ID: SB17 (19-20')
Collection Date: 9/5/2014 1:00:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-11 **Collection Date:** 9/5/2014 1:35:00PM
Client Sample ID: SB16 (14-15') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_5035		**SW 8260B**						**Analyst: JAP**	
1,1,1,2-Tetrachloroethane	BDL	0.143	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,1,1-Trichloroethane	BDL	0.296	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,1,2,2-Tetrachloroethane	BDL	0.132	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,1,2-Trichloroethane	BDL	0.188	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,1-Dichloroethane	BDL	0.250	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,1-Dichloroethene	BDL	0.402	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,1-Dichloropropene	BDL	0.302	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2,3-Trichlorobenzene	BDL	0.138	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2,3-Trichloropropane	BDL	0.300	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2,4-Trichlorobenzene	BDL	0.158	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2,4-Trimethylbenzene	BDL	0.196	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2-Dibromo-3-chloropropane	BDL	0.190	2.37	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2-Dibromoethane	BDL	0.134	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2-Dichlorobenzene	BDL	0.164	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2-Dichloroethane	BDL	0.245	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,2-Dichloropropane	BDL	0.168	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,3,5-Trimethylbenzene	BDL	0.217	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,3-Dichlorobenzene	BDL	0.164	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,3-Dichloropropane	BDL	0.149	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
1,4-Dichlorobenzene	BDL	0.135	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
2,2-Dichloropropane	BDL	0.353	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
2-Butanone	BDL	0.333	4.74	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
2-Chlorotoluene	BDL	0.193	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
2-Hexanone	BDL	1.07	4.74	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
4-Chlorotoluene	BDL	0.192	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
4-Isopropyltoluene	BDL	0.319	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
4-Methyl-2-pentanone	BDL	0.682	4.74	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Acetone	BDL	3.22	11.8	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Acetonitrile	BDL	2.34	9.47	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Acrolein	BDL	1.75	11.8	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Acrylonitrile	BDL	0.268	4.74	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Allyl chloride	BDL	0.262	2.37	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Benzene	BDL	0.192	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Bromobenzene	BDL	0.184	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Bromochloromethane	BDL	0.145	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Bromodichloromethane	BDL	0.187	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Bromoform	BDL	0.143	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Bromomethane	BDL	0.185	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Carbon Disulfide	BDL	0.369	4.74	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Carbon Tetrachloride	BDL	0.343	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Chlorobenzene	BDL	0.181	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Chloroethane	BDL	0.340	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-11 **Collection Date:** 9/5/2014 1:35:00PM
Client Sample ID: SB16 (14-15') **Matrix:** Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.243	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Chloromethane	BDL	0.185	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
cis-1,2-Dichloroethene	BDL	0.216	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
cis-1,3-Dichloropropene	BDL	0.154	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Dibromochloromethane	BDL	0.145	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Dibromomethane	BDL	0.184	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Dichlorodifluoromethane	BDL	0.508	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Ethylbenzene	BDL	0.272	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Hexachlorobutadiene	BDL	0.548	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Iodomethane	BDL	0.351	2.37	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Isopropylbenzene	BDL	0.244	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Methylene Chloride	BDL	0.383	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Methyl tert-Butyl Ether	**0.431**	0.274	2.37	A-01, J	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
m,p-Xylene	BDL	0.461	2.37	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Naphthalene	BDL	0.148	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
n-Butylbenzene	BDL	0.381	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
n-Hexane	BDL	0.577	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
n-Propylbenzene	BDL	0.254	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
o-Xylene	BDL	0.171	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
sec-Butylbenzene	BDL	0.324	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Styrene	BDL	0.228	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
tert_Butylbenzene	BDL	0.295	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Tetrachloroethene	**191**	13.7	47.4		mg/kg dry	10000	1438131	9/15/2014 10:49:00AM	9/15/2014 5:07:00PM
Toluene	BDL	0.207	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
trans-1,2-Dichloroethene	BDL	0.282	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
trans-1,3-Dichloropropene	BDL	0.202	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Trichloroethene	BDL	0.262	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Trichlorofluoromethane	BDL	0.427	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Vinyl Chloride	BDL	0.429	1.18	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Vinyl acetate	BDL	0.460	2.37	A-01	mg/kg dry	250	1438131	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Surrogate: 4-Bromofluorobenzene		*103 %*			*69-130*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:07:00PM
Surrogate: Dibromofluoromethane		*102 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:07:00PM
Surrogate: Dibromofluoromethane		*96.2 %*			*66-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Surrogate: Toluene-d8		*97.0 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Surrogate: Toluene-d8		*99.4 %*			*67-139*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:07:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 9:42:00PM
Surrogate: 1,2-Dichloroethane-d4		*104 %*			*67-136*		*1438131*	9/15/2014 10:49:00AM	9/15/2014 5:07:00PM
PMOIST		**D 2216**							**Analyst: CW**
Percent Moisture	**7.24**				% by Weight	1	1437309	9/11/2014 3:55:00PM	9/11/2014 3:55:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0336

Lab ID: 14I0336-11
Client Sample ID: SB16 (14-15')
Collection Date: 9/5/2014 1:35:00PM
Matrix: Soil

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-12 **Collection Date:** 9/5/2014 1:50:00PM
Client Sample ID: Trip Blank **Matrix:** Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_TB		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Chloroform	BDL	0.268	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM

Belmont Labs **Date:** 9/17/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0336
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0336-12 **Collection Date:** 9/5/2014 1:50:00PM
Client Sample ID: Trip Blank **Matrix:** Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
m,p-Xylene	**1.18**	0.430	10.0	J	ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1437137	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Surrogate: 4-Bromofluorobenzene		*102 %*			*71-122*		*1437137*	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Surrogate: Dibromofluoromethane		*98.1 %*			*86-132*		*1437137*	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Surrogate: Toluene-d8		*97.3 %*			*74-132*		*1437137*	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*77-136*		*1437137*	9/8/2014 2:00:00PM	9/8/2014 4:53:00PM

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437137 - VOC PREP										
Blank (1437137-BLK1)				Prepared & Analyzed: 09/08/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Hexane	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437137 - VOC PREP										
Blank (1437137-BLK1)				Prepared & Analyzed: 09/08/14						
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.4*		*ug/L*	*50.00*		*92.8*	*71-122*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50.00*		*103*	*86-132*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50.00*		*97.0*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*ug/L*	*50.00*		*105*	*77-136*			
LCS (1437137-BS1)				Prepared & Analyzed: 09/08/14						
1,1,1,2-Tetrachloroethane	19.6	5.00	ug/L	20.00		98.0	76.9-117			
1,1,1-Trichloroethane	20.0	5.00	ug/L	20.00		100	76.9-125			
1,1,2,2-Tetrachloroethane	19.9	5.00	ug/L	20.00		99.6	74.3-135			
1,1,2-Trichloroethane	19.6	5.00	ug/L	20.00		98.0	73.4-127			
1,1-Dichloroethane	20.6	5.00	ug/L	20.00		103	71.8-131			
1,1-Dichloroethene	18.7	5.00	ug/L	20.00		93.4	71.3-132			
1,1-Dichloropropene	19.9	5.00	ug/L	20.00		99.6	77.7-128			
1,2-Dibromoethane	18.7	5.00	ug/L	20.00		93.5	75.6-119			
1,2-Dichloroethane	19.0	5.00	ug/L	20.00		95.0	74.3-124			
1,2-Dichloropropane	19.6	5.00	ug/L	20.00		97.8	73.3-127			
1,3-Dichloropropane	19.5	5.00	ug/L	20.00		97.5	74.6-127			
2,2-Dichloropropane	24.4	5.00	ug/L	20.00		122	72.7-139			
2-Butanone	37.2	20.0	ug/L	40.00		92.9	59-159			
2-Chlorotoluene	20.3	5.00	ug/L	20.00		101	80.5-127			
2-Hexanone	37.1	20.0	ug/L	40.00		92.8	61.8-138			
4-Chlorotoluene	19.6	5.00	ug/L	20.00		98.2	80.5-118			
4-Methyl-2-pentanone	40.4	20.0	ug/L	40.00		101	66.9-132			
Acetone	39.3	20.0	ug/L	40.00		98.2	46.6-175			
Acetonitrile	16.9	40.0	ug/L	20.00		84.6	42.6-189			J
Acrolein	38.8	20.0	ug/L	40.00		97.0	22.4-212			
Acrylonitrile	19.2	20.0	ug/L	20.00		96.1	51.6-146			J
Allyl chloride	21.2	5.00	ug/L	20.00		106	74-138			
Benzene	19.8	5.00	ug/L	20.00		99.0	78.2-124			
Bromobenzene	20.1	5.00	ug/L	20.00		101	80-116			
Bromochloromethane	20.9	5.00	ug/L	20.00		104	79.4-125			
Bromodichloromethane	19.8	5.00	ug/L	20.00		99.1	74.2-123			
Bromoform	19.4	5.00	ug/L	20.00		97.2	53.6-133			
Bromomethane	24.0	5.00	ug/L	20.00		120	41.3-165			
Carbon Disulfide	19.0	20.0	ug/L	20.00		95.1	67.2-145			J

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437137 - VOC PREP										
LCS (1437137-BS1)				Prepared & Analyzed: 09/08/14						
Carbon Tetrachloride	20.5	5.00	ug/L	20.00		102	72.7-124			
Chlorobenzene	19.8	5.00	ug/L	20.00		99.1	85.8-117			
Chloroethane	19.8	5.00	ug/L	20.00		99.0	32.1-170			
Chloroform	20.5	5.00	ug/L	20.00		102	78.3-129			
Chloromethane	20.6	5.00	ug/L	20.00		103	42.9-166			
cis-1,2-Dichloroethene	20.3	5.00	ug/L	20.00		102	74.9-130			
cis-1,3-Dichloropropene	19.3	5.00	ug/L	20.00		96.7	71-129			
Dibromochloromethane	19.5	5.00	ug/L	20.00		97.6	64.1-125			
Dibromomethane	19.7	5.00	ug/L	20.00		98.6	75.1-123			
Dichlorodifluoromethane	20.1	5.00	ug/L	20.00		100	51.4-156			
Ethylbenzene	20.0	5.00	ug/L	20.00		100	82.3-121			
Iodomethane	18.2	10.0	ug/L	20.00		91.2	53.1-149			
Methylene Chloride	20.6	5.00	ug/L	20.00		103	75.7-128			
Methyl tert-Butyl Ether	19.3	10.0	ug/L	20.00		96.6	75.6-131			
m,p-Xylene	39.0	10.0	ug/L	40.00		97.4	84.1-128			
n-Hexane	20.4	5.00	ug/L	20.00		102	58.1-146			
o-Xylene	19.4	5.00	ug/L	20.00		96.8	80.7-119			
Styrene	18.8	5.00	ug/L	20.00		94.0	81.2-120			
Tetrachloroethene	20.5	5.00	ug/L	20.00		103	58.9-141			
Toluene	19.8	5.00	ug/L	20.00		99.2	79.1-130			
trans-1,2-Dichloroethene	20.3	5.00	ug/L	20.00		102	79.2-128			
trans-1,3-Dichloropropene	18.9	5.00	ug/L	20.00		94.5	73.6-131			
Trichloroethene	19.5	5.00	ug/L	20.00		97.6	78.5-119			
Trichlorofluoromethane	22.1	5.00	ug/L	20.00		110	59.4-141			
Vinyl Chloride	20.5	1.00	ug/L	20.00		103	63.3-158			
Vinyl acetate	19.3	10.0	ug/L	20.00		96.4	34.8-221			
Surrogate: 4-Bromofluorobenzene	*48.7*		*ug/L*	*50.00*		*97.4*	*71-122*			
Surrogate: Dibromofluoromethane	*51.1*		*ug/L*	*50.00*		*102*	*86-132*			
Surrogate: Toluene-d8	*48.7*		*ug/L*	*50.00*		*97.4*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.00*		*102*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
Blank (1437225-BLK1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	0.00150	0.0200	mg/kg wet							J
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
Blank (1437225-BLK1)				Prepared & Analyzed: 09/10/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	0.00292	0.00500	mg/kg wet							J
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*51.9*		*ug/L*	*50.00*		*104*	*69-130*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50.00*		*101*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.00*		*104*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
LCS (1437225-BS1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	0.0192	0.00500	mg/kg wet	0.02000		95.9	69.2-126			
1,1,1-Trichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	65.1-133			
1,1,2,2-Tetrachloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	68.5-131			
1,1,2-Trichloroethane	0.0213	0.00500	mg/kg wet	0.02000		106	71.5-128			
1,1-Dichloroethane	0.0210	0.00500	mg/kg wet	0.02000		105	65.5-131			
1,1-Dichloroethene	0.0207	0.00500	mg/kg wet	0.02000		103	54.4-139			
1,1-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	66.6-132			
1,2,3-Trichlorobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.2	56.3-154			
1,2,3-Trichloropropane	0.0209	0.00500	mg/kg wet	0.02000		104	65.6-132			
1,2,4-Trichlorobenzene	0.0188	0.00500	mg/kg wet	0.02000		94.0	56.2-151			
1,2,4-Trimethylbenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	61.2-140			
1,2-Dibromo-3-chloropropane	0.0185	0.0100	mg/kg wet	0.02000		92.4	57.4-144			
1,2-Dibromoethane	0.0195	0.00500	mg/kg wet	0.02000		97.4	69.5-126			
1,2-Dichlorobenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	66.4-137			
1,2-Dichloroethane	0.0216	0.00500	mg/kg wet	0.02000		108	65.4-131			
1,2-Dichloropropane	0.0213	0.00500	mg/kg wet	0.02000		106	71-126			
1,3,5-Trimethylbenzene	0.0194	0.00500	mg/kg wet	0.02000		97.0	62.1-138			
1,3-Dichlorobenzene	0.0195	0.00500	mg/kg wet	0.02000		97.4	64.7-139			
1,3-Dichloropropane	0.0212	0.00500	mg/kg wet	0.02000		106	70.1-128			
1,4-Dichlorobenzene	0.0194	0.00500	mg/kg wet	0.02000		97.2	63.6-139			
2-Butanone	0.0403	0.0200	mg/kg wet	0.04000		101	57.3-143			
2-Chlorotoluene	0.0209	0.00500	mg/kg wet	0.02000		105	63-137			
2-Hexanone	0.0433	0.0200	mg/kg wet	0.04000		108	55.1-147			
4-Chlorotoluene	0.0193	0.00500	mg/kg wet	0.02000		96.3	62.3-139			
4-Isopropyltoluene	0.0192	0.00500	mg/kg wet	0.02000		95.8	61.5-141			
4-Methyl-2-pentanone	0.0402	0.0200	mg/kg wet	0.04000		100	60.1-138			
Acetone	0.0374	0.0500	mg/kg wet	0.04000		93.6	23.8-186			J
Acetonitrile	0.0208	0.0400	mg/kg wet	0.02000		104	42.6-157			J
Acrolein	0.0376	0.0500	mg/kg wet	0.04000		93.9	10-200			J
Acrylonitrile	0.0204	0.0200	mg/kg wet	0.02000		102	58.4-135			
Allyl chloride	0.0203	0.0100	mg/kg wet	0.02000		102	61.2-134			
Benzene	0.0207	0.00500	mg/kg wet	0.02000		103	71.3-126			
Bromobenzene	0.0199	0.00500	mg/kg wet	0.02000		99.5	66.9-133			
Bromochloromethane	0.0189	0.00500	mg/kg wet	0.02000		94.6	67.1-133			
Bromodichloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	65.8-128			
Bromoform	0.0191	0.00500	mg/kg wet	0.02000		95.6	61.1-129			
Carbon Disulfide	0.0186	0.0200	mg/kg wet	0.02000		93.1	38.3-151			J
Carbon Tetrachloride	0.0199	0.00500	mg/kg wet	0.02000		99.6	64.6-133			
Chlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		98.8	69.4-131			
Chloroethane	0.0215	0.00500	mg/kg wet	0.02000		108	36.6-158			
Chloroform	0.0204	0.00500	mg/kg wet	0.02000		102	68.4-130			
Chloromethane	0.0212	0.00500	mg/kg wet	0.02000		106	56.9-150			
cis-1,2-Dichloroethene	0.0209	0.00500	mg/kg wet	0.02000		104	66.4-132			
cis-1,3-Dichloropropene	0.0209	0.00500	mg/kg wet	0.02000		105	68-129			
Dibromochloromethane	0.0188	0.00500	mg/kg wet	0.02000		93.9	66-127			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437225 - VOC PREP										
LCS (1437225-BS1)				Prepared & Analyzed: 09/10/14						
Dibromomethane	0.0202	0.00500	mg/kg wet	0.02000		101	65.9-130			
Dichlorodifluoromethane	0.0206	0.00500	mg/kg wet	0.02000		103	55-166			
Ethylbenzene	0.0205	0.00500	mg/kg wet	0.02000		102	70-130			
Hexachlorobutadiene	0.0198	0.00500	mg/kg wet	0.02000		98.8	50.5-166			
Isopropylbenzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	69.8-132			
Methylene Chloride	0.0197	0.00500	mg/kg wet	0.02000		98.7	47-134			
Methyl tert-Butyl Ether	0.0201	0.0100	mg/kg wet	0.02000		101	59.4-132			
m,p-Xylene	0.0410	0.0100	mg/kg wet	0.04000		102	68-134			
Naphthalene	0.0185	0.00500	mg/kg wet	0.02000		92.7	51.2-154			
n-Butylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	57.6-149			
n-Hexane	0.0211	0.00500	mg/kg wet	0.02000		106	33.5-149			
n-Propylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	67-138			
o-Xylene	0.0197	0.00500	mg/kg wet	0.02000		98.4	67.7-132			
sec-Butylbenzene	0.0195	0.00500	mg/kg wet	0.02000		97.3	66.8-138			
Styrene	0.0197	0.00500	mg/kg wet	0.02000		98.3	63.5-135			
tert_Butylbenzene	0.0191	0.00500	mg/kg wet	0.02000		95.7	66.4-136			
Tetrachloroethene	0.0196	0.00500	mg/kg wet	0.02000		98.0	66.7-135			
Toluene	0.0204	0.00500	mg/kg wet	0.02000		102	70.4-130			
trans-1,2-Dichloroethene	0.0191	0.00500	mg/kg wet	0.02000		95.3	62.9-136			
trans-1,3-Dichloropropene	0.0213	0.00500	mg/kg wet	0.02000		107	67.3-132			
Trichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.5	66.6-132			
Trichlorofluoromethane	0.0225	0.00500	mg/kg wet	0.02000		113	48.2-151			
Vinyl Chloride	0.0206	0.00500	mg/kg wet	0.02000		103	46.5-150			
Vinyl acetate	0.0207	0.0100	mg/kg wet	0.02000		103	37.7-176			
Surrogate: 4-Bromofluorobenzene	*51.2*		*ug/L*	*50.00*		*102*	*69-130*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*51.3*		*ug/L*	*50.00*		*103*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.00*		*99.8*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
Blank (1438024-BLK1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
Blank (1438024-BLK1)				Prepared & Analyzed: 09/12/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	0.00299	0.00500	mg/kg wet							J
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50.00*		*99.6*	*69-130*			
Surrogate: Dibromofluoromethane	*50.3*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*51.5*		*ug/L*	*50.00*		*103*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*ug/L*	*50.00*		*103*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
LCS (1438024-BS1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	0.0198	0.00500	mg/kg wet	0.02000		99.1	69.2-126			
1,1,1-Trichloroethane	0.0198	0.00500	mg/kg wet	0.02000		99.2	65.1-133			
1,1,2,2-Tetrachloroethane	0.0204	0.00500	mg/kg wet	0.02000		102	68.5-131			
1,1,2-Trichloroethane	0.0199	0.00500	mg/kg wet	0.02000		99.4	71.5-128			
1,1-Dichloroethane	0.0194	0.00500	mg/kg wet	0.02000		97.0	65.5-131			
1,1-Dichloroethene	0.0197	0.00500	mg/kg wet	0.02000		98.4	54.4-139			
1,1-Dichloropropene	0.0207	0.00500	mg/kg wet	0.02000		103	66.6-132			
1,2,3-Trichlorobenzene	0.0215	0.00500	mg/kg wet	0.02000		108	56.3-154			
1,2,3-Trichloropropane	0.0200	0.00500	mg/kg wet	0.02000		99.9	65.6-132			
1,2,4-Trichlorobenzene	0.0221	0.00500	mg/kg wet	0.02000		111	56.2-151			
1,2,4-Trimethylbenzene	0.0221	0.00500	mg/kg wet	0.02000		110	61.2-140			
1,2-Dibromo-3-chloropropane	0.0210	0.0100	mg/kg wet	0.02000		105	57.4-144			
1,2-Dibromoethane	0.0201	0.00500	mg/kg wet	0.02000		101	69.5-126			
1,2-Dichlorobenzene	0.0211	0.00500	mg/kg wet	0.02000		106	66.4-137			
1,2-Dichloroethane	0.0204	0.00500	mg/kg wet	0.02000		102	65.4-131			
1,2-Dichloropropane	0.0198	0.00500	mg/kg wet	0.02000		99.1	71-126			
1,3,5-Trimethylbenzene	0.0228	0.00500	mg/kg wet	0.02000		114	62.1-138			
1,3-Dichlorobenzene	0.0216	0.00500	mg/kg wet	0.02000		108	64.7-139			
1,3-Dichloropropane	0.0206	0.00500	mg/kg wet	0.02000		103	70.1-128			
1,4-Dichlorobenzene	0.0209	0.00500	mg/kg wet	0.02000		104	63.6-139			
2-Butanone	0.0386	0.0200	mg/kg wet	0.04000		96.5	57.3-143			
2-Chlorotoluene	0.0209	0.00500	mg/kg wet	0.02000		105	63-137			
2-Hexanone	0.0410	0.0200	mg/kg wet	0.04000		102	55.1-147			
4-Chlorotoluene	0.0211	0.00500	mg/kg wet	0.02000		105	62.3-139			
4-Isopropyltoluene	0.0222	0.00500	mg/kg wet	0.02000		111	61.5-141			
4-Methyl-2-pentanone	0.0420	0.0200	mg/kg wet	0.04000		105	60.1-138			
Acetone	0.0203	0.0500	mg/kg wet	0.04000		50.7	23.8-186			J
Acetonitrile	0.0213	0.0400	mg/kg wet	0.02000		106	42.6-157			J
Acrolein	0.0411	0.0500	mg/kg wet	0.04000		103	10-200			J
Acrylonitrile	0.0191	0.0200	mg/kg wet	0.02000		95.5	58.4-135			J
Allyl chloride	0.0200	0.0100	mg/kg wet	0.02000		100	61.2-134			
Benzene	0.0203	0.00500	mg/kg wet	0.02000		101	71.3-126			
Bromobenzene	0.0202	0.00500	mg/kg wet	0.02000		101	66.9-133			
Bromochloromethane	0.0197	0.00500	mg/kg wet	0.02000		98.3	67.1-133			
Bromodichloromethane	0.0200	0.00500	mg/kg wet	0.02000		100	65.8-128			
Bromoform	0.0199	0.00500	mg/kg wet	0.02000		99.6	61.1-129			
Bromomethane	0.0226	0.00500	mg/kg wet	0.02000		113	32-162			
Carbon Disulfide	0.0193	0.0200	mg/kg wet	0.02000		96.6	38.3-151			J
Carbon Tetrachloride	0.0196	0.00500	mg/kg wet	0.02000		97.8	64.6-133			
Chlorobenzene	0.0201	0.00500	mg/kg wet	0.02000		100	69.4-131			
Chloroethane	0.0159	0.00500	mg/kg wet	0.02000		79.4	36.6-158			
Chloroform	0.0192	0.00500	mg/kg wet	0.02000		96.2	68.4-130			
Chloromethane	0.0182	0.00500	mg/kg wet	0.02000		90.9	56.9-150			
cis-1,2-Dichloroethene	0.0198	0.00500	mg/kg wet	0.02000		99.1	66.4-132			
cis-1,3-Dichloropropene	0.0208	0.00500	mg/kg wet	0.02000		104	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
LCS (1438024-BS1)				Prepared & Analyzed: 09/12/14						
Dibromochloromethane	0.0200	0.00500	mg/kg wet	0.02000		99.8	66-127			
Dibromomethane	0.0202	0.00500	mg/kg wet	0.02000		101	65.9-130			
Dichlorodifluoromethane	0.0184	0.00500	mg/kg wet	0.02000		92.2	55-166			
Ethylbenzene	0.0204	0.00500	mg/kg wet	0.02000		102	70-130			
Hexachlorobutadiene	0.0208	0.00500	mg/kg wet	0.02000		104	50.5-166			
Iodomethane	0.0187	0.0100	mg/kg wet	0.02000		93.6	47-151			
Isopropylbenzene	0.0207	0.00500	mg/kg wet	0.02000		104	69.8-132			
Methylene Chloride	0.0230	0.00500	mg/kg wet	0.02000		115	47-134			
Methyl tert-Butyl Ether	0.0194	0.0100	mg/kg wet	0.02000		96.9	59.4-132			
m,p-Xylene	0.0418	0.0100	mg/kg wet	0.04000		104	68-134			
Naphthalene	0.0210	0.00500	mg/kg wet	0.02000		105	51.2-154			
n-Butylbenzene	0.0223	0.00500	mg/kg wet	0.02000		111	57.6-149			
n-Hexane	0.0219	0.00500	mg/kg wet	0.02000		110	33.5-149			
n-Propylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	67-138			
o-Xylene	0.0212	0.00500	mg/kg wet	0.02000		106	67.7-132			
sec-Butylbenzene	0.0217	0.00500	mg/kg wet	0.02000		108	66.8-138			
Styrene	0.0210	0.00500	mg/kg wet	0.02000		105	63.5-135			
tert_Butylbenzene	0.0216	0.00500	mg/kg wet	0.02000		108	66.4-136			
Tetrachloroethene	0.0201	0.00500	mg/kg wet	0.02000		100	66.7-135			
Toluene	0.0202	0.00500	mg/kg wet	0.02000		101	70.4-130			
trans-1,2-Dichloroethene	0.0193	0.00500	mg/kg wet	0.02000		96.6	62.9-136			
trans-1,3-Dichloropropene	0.0209	0.00500	mg/kg wet	0.02000		105	67.3-132			
Trichloroethene	0.0196	0.00500	mg/kg wet	0.02000		98.0	66.6-132			
Trichlorofluoromethane	0.0194	0.00500	mg/kg wet	0.02000		96.9	48.2-151			
Vinyl Chloride	0.0184	0.00500	mg/kg wet	0.02000		92.2	46.5-150			
Vinyl acetate	0.0262	0.0100	mg/kg wet	0.02000		131	37.7-176			
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/L*	*50.00*		*97.2*	*69-130*			
Surrogate: Dibromofluoromethane	*47.4*		*ug/L*	*50.00*		*94.7*	*66-136*			
Surrogate: Toluene-d8	*50.8*		*ug/L*	*50.00*		*102*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*47.5*		*ug/L*	*50.00*		*95.0*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
Matrix Spike (1438024-MS1)		**Source: 14I0743-06**		Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	0.0436	0.0113	mg/kg dry	0.04519	ND	96.5	38-121			
1,1,1-Trichloroethane	0.0444	0.0113	mg/kg dry	0.04519	ND	98.2	35-131			
1,1,2,2-Tetrachloroethane	0.0461	0.0113	mg/kg dry	0.04519	ND	102	12-144			
1,1,2-Trichloroethane	0.0438	0.0113	mg/kg dry	0.04519	ND	96.9	33-126			
1,1-Dichloroethane	0.0455	0.0113	mg/kg dry	0.04519	ND	101	44-119			
1,1-Dichloroethene	0.0459	0.0113	mg/kg dry	0.04519	ND	102	31-125			
1,1-Dichloropropene	0.0451	0.0113	mg/kg dry	0.04519	ND	99.9	34-126			
1,2,3-Trichlorobenzene	0.0351	0.0113	mg/kg dry	0.04519	ND	77.6	10-110			
1,2,3-Trichloropropane	0.0449	0.0113	mg/kg dry	0.04519	ND	99.4	10-136			
1,2,4-Trichlorobenzene	0.0355	0.0113	mg/kg dry	0.04519	ND	78.6	10-87			
1,2,4-Trimethylbenzene	0.0455	0.0113	mg/kg dry	0.04519	ND	101	14-129			
1,2-Dibromo-3-chloropropane	0.0435	0.0226	mg/kg dry	0.04519	ND	96.4	10-148			
1,2-Dibromoethane	0.0434	0.0113	mg/kg dry	0.04519	ND	96.0	31-123			
1,2-Dichlorobenzene	0.0406	0.0113	mg/kg dry	0.04519	ND	89.9	12-103			
1,2-Dichloroethane	0.0453	0.0113	mg/kg dry	0.04519	ND	100	48-114			
1,2-Dichloropropane	0.0458	0.0113	mg/kg dry	0.04519	ND	101	44-118			
1,3,5-Trimethylbenzene	0.0459	0.0113	mg/kg dry	0.04519	ND	102	16-130			
1,3-Dichlorobenzene	0.0412	0.0113	mg/kg dry	0.04519	ND	91.1	12-106			
1,3-Dichloropropane	0.0458	0.0113	mg/kg dry	0.04519	ND	101	31-128			
1,4-Dichlorobenzene	0.0418	0.0113	mg/kg dry	0.04519	ND	92.4	12-102			
2-Butanone	0.0914	0.0452	mg/kg dry	0.09038	ND	101	10-159			
2-Chlorotoluene	0.0428	0.0113	mg/kg dry	0.04519	ND	94.6	18-108			
2-Hexanone	0.0946	0.0452	mg/kg dry	0.09038	ND	105	10-194			
4-Chlorotoluene	0.0415	0.0113	mg/kg dry	0.04519	ND	91.9	10-116			
4-Isopropyltoluene	0.0441	0.0113	mg/kg dry	0.04519	ND	97.5	16-123			
4-Methyl-2-pentanone	0.0947	0.0452	mg/kg dry	0.09038	ND	105	10-186			
Acetone	0.0727	0.113	mg/kg dry	0.09038	ND	80.4	10-218			J
Acetonitrile	0.0492	0.0904	mg/kg dry	0.04519	ND	109	22-170			J
Acrolein	0.0960	0.113	mg/kg dry	0.09038	ND	106	10-200			J
Acrylonitrile	0.0473	0.0452	mg/kg dry	0.04519	ND	105	22-140			
Allyl chloride	0.0466	0.0226	mg/kg dry	0.04519	ND	103	28-128			
Benzene	0.0456	0.0113	mg/kg dry	0.04519	ND	101	39-126			
Bromobenzene	0.0408	0.0113	mg/kg dry	0.04519	ND	90.4	15-109			
Bromochloromethane	0.0444	0.0113	mg/kg dry	0.04519	ND	98.1	47-124			
Bromodichloromethane	0.0450	0.0113	mg/kg dry	0.04519	ND	99.6	40-114			
Bromoform	0.0415	0.0113	mg/kg dry	0.04519	ND	91.9	19-119			
Bromomethane	0.0486	0.0113	mg/kg dry	0.04519	ND	107	10-173			
Carbon Disulfide	0.0450	0.0452	mg/kg dry	0.04519	ND	99.6	17-133			J
Carbon Tetrachloride	0.0444	0.0113	mg/kg dry	0.04519	ND	98.2	23-128			
Chlorobenzene	0.0422	0.0113	mg/kg dry	0.04519	ND	93.5	27-111			
Chloroethane	0.0411	0.0113	mg/kg dry	0.04519	ND	91.0	17-153			
Chloroform	0.0443	0.0113	mg/kg dry	0.04519	ND	98.0	35-130			
Chloromethane	0.0446	0.0113	mg/kg dry	0.04519	ND	98.6	22-139			
cis-1,2-Dichloroethene	0.0459	0.0113	mg/kg dry	0.04519	ND	102	42-118			
cis-1,3-Dichloropropene	0.0451	0.0113	mg/kg dry	0.04519	ND	99.8	27-113			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
Matrix Spike (1438024-MS1)		**Source: 14I0743-06**		Prepared & Analyzed: 09/12/14						
Dibromochloromethane	0.0433	0.0113	mg/kg dry	0.04519	ND	95.9	29-122			
Dibromomethane	0.0451	0.0113	mg/kg dry	0.04519	ND	99.7	39-126			
Dichlorodifluoromethane	0.0438	0.0113	mg/kg dry	0.04519	ND	96.9	10-184			
Ethylbenzene	0.0437	0.0113	mg/kg dry	0.04519	ND	96.6	27-117			
Hexachlorobutadiene	0.0360	0.0113	mg/kg dry	0.04519	ND	79.6	10-115			
Iodomethane	0.0434	0.0226	mg/kg dry	0.04519	ND	96.0	10-127			
Isopropylbenzene	0.0442	0.0113	mg/kg dry	0.04519	ND	97.8	24-119			
Methylene Chloride	0.0617	0.0113	mg/kg dry	0.04519	ND	136	10-179			
Methyl tert-Butyl Ether	0.0458	0.0226	mg/kg dry	0.04519	ND	101	38-126			
m,p-Xylene	0.0899	0.0226	mg/kg dry	0.09038	ND	99.5	26-114			
Naphthalene	0.0384	0.0113	mg/kg dry	0.04519	ND	84.9	10-114			
n-Butylbenzene	0.0410	0.0113	mg/kg dry	0.04519	ND	90.8	10-118			
n-Hexane	0.0439	0.0113	mg/kg dry	0.04519	ND	97.2	10-122			
n-Propylbenzene	0.0422	0.0113	mg/kg dry	0.04519	ND	93.3	16-114			
o-Xylene	0.0450	0.0113	mg/kg dry	0.04519	ND	99.5	28-119			
sec-Butylbenzene	0.0448	0.0113	mg/kg dry	0.04519	ND	99.1	10-144			
Styrene	0.0434	0.0113	mg/kg dry	0.04519	ND	96.0	17-104			
tert_Butylbenzene	0.0463	0.0113	mg/kg dry	0.04519	ND	102	12-152			
Tetrachloroethene	0.0422	0.0113	mg/kg dry	0.04519	ND	93.4	24-114			
Toluene	0.0440	0.0113	mg/kg dry	0.04519	ND	97.3	32-121			
trans-1,2-Dichloroethene	0.0448	0.0113	mg/kg dry	0.04519	ND	99.1	32-122			
trans-1,3-Dichloropropene	0.0457	0.0113	mg/kg dry	0.04519	ND	101	19-109			
Trichloroethene	0.0423	0.0113	mg/kg dry	0.04519	ND	93.5	42-109			
Trichlorofluoromethane	0.0453	0.0113	mg/kg dry	0.04519	ND	100	10-158			
Vinyl Chloride	0.0429	0.0113	mg/kg dry	0.04519	ND	94.8	22-143			
Vinyl acetate	0.0569	0.0226	mg/kg dry	0.04519	ND	126	10-127			
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50.00*		*99.6*	*69-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*97.8*	*66-136*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50.00*		*101*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.00*		*98.4*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
Matrix Spike Dup (1438024-MSD1)		**Source: 14I0743-06**		Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	0.0407	0.0113	mg/kg dry	0.04518	ND	90.2	38-121	6.88	50	
1,1,1-Trichloroethane	0.0432	0.0113	mg/kg dry	0.04518	ND	95.6	35-131	2.71	60	
1,1,2,2-Tetrachloroethane	0.0421	0.0113	mg/kg dry	0.04518	ND	93.3	12-144	8.99	51	
1,1,2-Trichloroethane	0.0424	0.0113	mg/kg dry	0.04518	ND	93.9	33-126	3.17	46	
1,1-Dichloroethane	0.0442	0.0113	mg/kg dry	0.04518	ND	97.8	44-119	3.10	48	
1,1-Dichloroethene	0.0440	0.0113	mg/kg dry	0.04518	ND	97.4	31-125	4.20	61	
1,1-Dichloropropene	0.0426	0.0113	mg/kg dry	0.04518	ND	94.3	34-126	5.79	81	
1,2,3-Trichlorobenzene	0.0311	0.0113	mg/kg dry	0.04518	ND	69.0	10-110	11.9	71	
1,2,3-Trichloropropane	0.0406	0.0113	mg/kg dry	0.04518	ND	89.9	10-136	10.0	58	
1,2,4-Trichlorobenzene	0.0315	0.0113	mg/kg dry	0.04518	ND	69.7	10-87	12.0	60	
1,2,4-Trimethylbenzene	0.0417	0.0113	mg/kg dry	0.04518	ND	92.2	14-129	8.84	71	
1,2-Dibromo-3-chloropropane	0.0390	0.0226	mg/kg dry	0.04518	ND	86.4	10-148	10.9	57	
1,2-Dibromoethane	0.0410	0.0113	mg/kg dry	0.04518	ND	90.7	31-123	5.76	56	
1,2-Dichlorobenzene	0.0375	0.0113	mg/kg dry	0.04518	ND	83.0	12-103	8.07	80	
1,2-Dichloroethane	0.0436	0.0113	mg/kg dry	0.04518	ND	96.5	48-114	3.74	40	
1,2-Dichloropropane	0.0444	0.0113	mg/kg dry	0.04518	ND	98.2	44-118	3.18	48	
1,3,5-Trimethylbenzene	0.0429	0.0113	mg/kg dry	0.04518	ND	95.0	16-130	6.74	74	
1,3-Dichlorobenzene	0.0371	0.0113	mg/kg dry	0.04518	ND	82.2	12-106	10.3	60	
1,3-Dichloropropane	0.0427	0.0113	mg/kg dry	0.04518	ND	94.5	31-128	7.02	50	
1,4-Dichlorobenzene	0.0369	0.0113	mg/kg dry	0.04518	ND	81.8	12-102	12.3	80	
2-Butanone	0.0873	0.0452	mg/kg dry	0.09035	ND	96.6	10-159	4.55	60	
2-Chlorotoluene	0.0400	0.0113	mg/kg dry	0.04518	ND	88.6	18-108	6.63	75	
2-Hexanone	0.0852	0.0452	mg/kg dry	0.09035	ND	94.4	10-194	10.4	58	
4-Chlorotoluene	0.0370	0.0113	mg/kg dry	0.04518	ND	81.9	10-116	11.5	80	
4-Isopropyltoluene	0.0403	0.0113	mg/kg dry	0.04518	ND	89.3	16-123	8.81	80	
4-Methyl-2-pentanone	0.0869	0.0452	mg/kg dry	0.09035	ND	96.2	10-186	8.56	60	
Acetone	0.0698	0.113	mg/kg dry	0.09035	ND	77.2	10-218	4.09	60	J
Acetonitrile	0.0476	0.0904	mg/kg dry	0.04518	ND	105	22-170	3.39	70	J
Acrolein	0.0870	0.113	mg/kg dry	0.09035	ND	96.3	10-200	9.90	50	J
Acrylonitrile	0.0442	0.0452	mg/kg dry	0.04518	ND	97.8	22-140	6.84	69	J
Allyl chloride	0.0452	0.0226	mg/kg dry	0.04518	ND	100	28-128	2.98	68	
Benzene	0.0433	0.0113	mg/kg dry	0.04518	ND	95.8	39-126	5.22	61	
Bromobenzene	0.0376	0.0113	mg/kg dry	0.04518	ND	83.3	15-109	8.20	50	
Bromochloromethane	0.0438	0.0113	mg/kg dry	0.04518	ND	96.8	47-124	1.36	48	
Bromodichloromethane	0.0432	0.0113	mg/kg dry	0.04518	ND	95.7	40-114	4.02	49	
Bromoform	0.0384	0.0113	mg/kg dry	0.04518	ND	84.9	19-119	7.95	63	
Bromomethane	0.0514	0.0113	mg/kg dry	0.04518	ND	114	10-173	5.76	40	
Carbon Disulfide	0.0424	0.0452	mg/kg dry	0.04518	ND	94.0	17-133	5.92	74	J
Carbon Tetrachloride	0.0420	0.0113	mg/kg dry	0.04518	ND	92.9	23-128	5.57	60	
Chlorobenzene	0.0400	0.0113	mg/kg dry	0.04518	ND	88.6	27-111	5.36	50	
Chloroethane	0.0394	0.0113	mg/kg dry	0.04518	ND	87.2	17-153	4.35	75	
Chloroform	0.0435	0.0113	mg/kg dry	0.04518	ND	96.2	35-130	1.93	52	
Chloromethane	0.0442	0.0113	mg/kg dry	0.04518	ND	97.8	22-139	0.943	42	
cis-1,2-Dichloroethene	0.0441	0.0113	mg/kg dry	0.04518	ND	97.6	42-118	3.94	63	
cis-1,3-Dichloropropene	0.0421	0.0113	mg/kg dry	0.04518	ND	93.2	27-113	6.87	50	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438024 - VOC PREP										
Matrix Spike Dup (1438024-MSD1)		**Source: 14I0743-06**		Prepared & Analyzed: 09/12/14						
Dibromochloromethane	0.0408	0.0113	mg/kg dry	0.04518	ND	90.2	29-122	6.10	59	
Dibromomethane	0.0429	0.0113	mg/kg dry	0.04518	ND	94.9	39-126	4.91	48	
Dichlorodifluoromethane	0.0431	0.0113	mg/kg dry	0.04518	ND	95.4	10-184	1.64	108	
Ethylbenzene	0.0408	0.0113	mg/kg dry	0.04518	ND	90.3	27-117	6.76	40	
Hexachlorobutadiene	0.0311	0.0113	mg/kg dry	0.04518	ND	69.0	10-115	14.4	57	
Iodomethane	0.0436	0.0226	mg/kg dry	0.04518	ND	96.5	10-127	0.596	50	
Isopropylbenzene	0.0413	0.0113	mg/kg dry	0.04518	ND	91.4	24-119	6.79	60	
Methylene Chloride	0.0585	0.0113	mg/kg dry	0.04518	ND	129	10-179	5.33	58	
Methyl tert-Butyl Ether	0.0444	0.0226	mg/kg dry	0.04518	ND	98.3	38-126	3.13	50	
m,p-Xylene	0.0820	0.0226	mg/kg dry	0.09035	ND	90.7	26-114	9.25	40	
Naphthalene	0.0352	0.0113	mg/kg dry	0.04518	ND	77.8	10-114	8.75	64	
n-Butylbenzene	0.0354	0.0113	mg/kg dry	0.04518	ND	78.3	10-118	14.7	60	
n-Hexane	0.0393	0.0113	mg/kg dry	0.04518	ND	87.1	10-122	11.0	70	
n-Propylbenzene	0.0388	0.0113	mg/kg dry	0.04518	ND	85.8	16-114	8.40	60	
o-Xylene	0.0424	0.0113	mg/kg dry	0.04518	ND	93.9	28-119	5.82	40	
sec-Butylbenzene	0.0401	0.0113	mg/kg dry	0.04518	ND	88.7	10-144	11.1	60	
Styrene	0.0400	0.0113	mg/kg dry	0.04518	ND	88.6	17-104	8.04	40	
tert_Butylbenzene	0.0426	0.0113	mg/kg dry	0.04518	ND	94.3	12-152	8.31	71	
Tetrachloroethene	0.0396	0.0113	mg/kg dry	0.04518	ND	87.6	24-114	6.49	50	
Toluene	0.0417	0.0113	mg/kg dry	0.04518	ND	92.3	32-121	5.30	40	
trans-1,2-Dichloroethene	0.0430	0.0113	mg/kg dry	0.04518	ND	95.2	32-122	4.04	50	
trans-1,3-Dichloropropene	0.0427	0.0113	mg/kg dry	0.04518	ND	94.4	19-109	6.83	51	
Trichloroethene	0.0400	0.0113	mg/kg dry	0.04518	ND	88.5	42-109	5.52	38	
Trichlorofluoromethane	0.0437	0.0113	mg/kg dry	0.04518	ND	96.8	10-158	3.53	120	
Vinyl Chloride	0.0426	0.0113	mg/kg dry	0.04518	ND	94.2	22-143	0.662	60	
Vinyl acetate	0.0406	0.0226	mg/kg dry	0.04518	ND	89.9	10-127	33.4	119	
Surrogate: 4-Bromofluorobenzene	*49.1*		*ug/L*	*50.00*		*98.3*	*69-130*			
Surrogate: Dibromofluoromethane	*49.2*		*ug/L*	*50.00*		*98.4*	*66-136*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50.00*		*102*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.00*		*96.2*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438062 - VOC PREP										
Blank (1438062-BLK1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438062 - VOC PREP										
Blank (1438062-BLK1)				Prepared & Analyzed: 09/12/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	0.00269	0.00500	mg/kg wet							J
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	0.00269	0.00500	mg/kg wet							J
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*69-130*			
Surrogate: Dibromofluoromethane	*50.0*		*ug/L*	*50.00*		*100*	*66-136*			
Surrogate: Toluene-d8	*49.9*		*ug/L*	*50.00*		*99.8*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.00*		*102*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438062 - VOC PREP										
LCS (1438062-BS1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	0.0198	0.00500	mg/kg wet	0.02000		98.8	69.2-126			
1,1,1-Trichloroethane	0.0203	0.00500	mg/kg wet	0.02000		101	65.1-133			
1,1,2,2-Tetrachloroethane	0.0205	0.00500	mg/kg wet	0.02000		102	68.5-131			
1,1,2-Trichloroethane	0.0191	0.00500	mg/kg wet	0.02000		95.4	71.5-128			
1,1-Dichloroethane	0.0201	0.00500	mg/kg wet	0.02000		100	65.5-131			
1,1-Dichloroethene	0.0195	0.00500	mg/kg wet	0.02000		97.6	54.4-139			
1,1-Dichloropropene	0.0195	0.00500	mg/kg wet	0.02000		97.6	66.6-132			
1,2,3-Trichlorobenzene	0.0206	0.00500	mg/kg wet	0.02000		103	56.3-154			
1,2,3-Trichloropropane	0.0192	0.00500	mg/kg wet	0.02000		96.2	65.6-132			
1,2,4-Trichlorobenzene	0.0211	0.00500	mg/kg wet	0.02000		105	56.2-151			
1,2,4-Trimethylbenzene	0.0204	0.00500	mg/kg wet	0.02000		102	61.2-140			
1,2-Dibromo-3-chloropropane	0.0182	0.0100	mg/kg wet	0.02000		90.8	57.4-144			
1,2-Dibromoethane	0.0194	0.00500	mg/kg wet	0.02000		97.0	69.5-126			
1,2-Dichlorobenzene	0.0197	0.00500	mg/kg wet	0.02000		98.6	66.4-137			
1,2-Dichloroethane	0.0197	0.00500	mg/kg wet	0.02000		98.3	65.4-131			
1,2-Dichloropropane	0.0188	0.00500	mg/kg wet	0.02000		94.0	71-126			
1,3,5-Trimethylbenzene	0.0202	0.00500	mg/kg wet	0.02000		101	62.1-138			
1,3-Dichlorobenzene	0.0202	0.00500	mg/kg wet	0.02000		101	64.7-139			
1,3-Dichloropropane	0.0192	0.00500	mg/kg wet	0.02000		95.8	70.1-128			
1,4-Dichlorobenzene	0.0202	0.00500	mg/kg wet	0.02000		101	63.6-139			
2-Butanone	0.0326	0.0200	mg/kg wet	0.04000		81.4	57.3-143			
2-Chlorotoluene	0.0208	0.00500	mg/kg wet	0.02000		104	63-137			
2-Hexanone	0.0350	0.0200	mg/kg wet	0.04000		87.5	55.1-147			
4-Chlorotoluene	0.0207	0.00500	mg/kg wet	0.02000		104	62.3-139			
4-Isopropyltoluene	0.0206	0.00500	mg/kg wet	0.02000		103	61.5-141			
4-Methyl-2-pentanone	0.0359	0.0200	mg/kg wet	0.04000		89.8	60.1-138			
Acetone	0.0302	0.0500	mg/kg wet	0.04000		75.6	23.8-186			J
Acetonitrile	0.0183	0.0400	mg/kg wet	0.02000		91.3	42.6-157			J
Acrolein	0.0350	0.0500	mg/kg wet	0.04000		87.6	10-200			J
Acrylonitrile	0.0178	0.0200	mg/kg wet	0.02000		89.2	58.4-135			J
Allyl chloride	0.0196	0.0100	mg/kg wet	0.02000		97.9	61.2-134			
Benzene	0.0199	0.00500	mg/kg wet	0.02000		99.4	71.3-126			
Bromobenzene	0.0205	0.00500	mg/kg wet	0.02000		102	66.9-133			
Bromochloromethane	0.0187	0.00500	mg/kg wet	0.02000		93.6	67.1-133			
Bromodichloromethane	0.0192	0.00500	mg/kg wet	0.02000		95.8	65.8-128			
Bromoform	0.0191	0.00500	mg/kg wet	0.02000		95.7	61.1-129			
Bromomethane	0.0170	0.00500	mg/kg wet	0.02000		84.8	32-162			
Carbon Disulfide	0.0200	0.0200	mg/kg wet	0.02000		100	38.3-151			
Carbon Tetrachloride	0.0201	0.00500	mg/kg wet	0.02000		101	64.6-133			
Chlorobenzene	0.0206	0.00500	mg/kg wet	0.02000		103	69.4-131			
Chloroethane	0.0184	0.00500	mg/kg wet	0.02000		91.9	36.6-158			
Chloroform	0.0193	0.00500	mg/kg wet	0.02000		96.4	68.4-130			
Chloromethane	0.0197	0.00500	mg/kg wet	0.02000		98.3	56.9-150			
cis-1,2-Dichloroethene	0.0200	0.00500	mg/kg wet	0.02000		99.9	66.4-132			
cis-1,3-Dichloropropene	0.0188	0.00500	mg/kg wet	0.02000		93.9	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438062 - VOC PREP										
LCS (1438062-BS1)				Prepared & Analyzed: 09/12/14						
Dibromochloromethane	0.0192	0.00500	mg/kg wet	0.02000		96.2	66-127			
Dibromomethane	0.0196	0.00500	mg/kg wet	0.02000		98.2	65.9-130			
Dichlorodifluoromethane	0.0192	0.00500	mg/kg wet	0.02000		95.8	55-166			
Ethylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	70-130			
Hexachlorobutadiene	0.0206	0.00500	mg/kg wet	0.02000		103	50.5-166			
Iodomethane	0.0175	0.0100	mg/kg wet	0.02000		87.6	47-151			
Isopropylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	69.8-132			
Methylene Chloride	0.0222	0.00500	mg/kg wet	0.02000		111	47-134			
Methyl tert-Butyl Ether	0.0184	0.0100	mg/kg wet	0.02000		92.2	59.4-132			
m,p-Xylene	0.0413	0.0100	mg/kg wet	0.04000		103	68-134			
Naphthalene	0.0196	0.00500	mg/kg wet	0.02000		97.8	51.2-154			
n-Butylbenzene	0.0213	0.00500	mg/kg wet	0.02000		107	57.6-149			
n-Hexane	0.0236	0.00500	mg/kg wet	0.02000		118	33.5-149			
n-Propylbenzene	0.0209	0.00500	mg/kg wet	0.02000		105	67-138			
o-Xylene	0.0204	0.00500	mg/kg wet	0.02000		102	67.7-132			
sec-Butylbenzene	0.0204	0.00500	mg/kg wet	0.02000		102	66.8-138			
Styrene	0.0204	0.00500	mg/kg wet	0.02000		102	63.5-135			
tert_Butylbenzene	0.0201	0.00500	mg/kg wet	0.02000		100	66.4-136			
Tetrachloroethene	0.0204	0.00500	mg/kg wet	0.02000		102	66.7-135			
Toluene	0.0202	0.00500	mg/kg wet	0.02000		101	70.4-130			
trans-1,2-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		103	62.9-136			
trans-1,3-Dichloropropene	0.0196	0.00500	mg/kg wet	0.02000		98.0	67.3-132			
Trichloroethene	0.0188	0.00500	mg/kg wet	0.02000		94.1	66.6-132			
Trichlorofluoromethane	0.0196	0.00500	mg/kg wet	0.02000		97.8	48.2-151			
Vinyl Chloride	0.0188	0.00500	mg/kg wet	0.02000		94.0	46.5-150			
Vinyl acetate	0.0249	0.0100	mg/kg wet	0.02000		124	37.7-176			
Surrogate: 4-Bromofluorobenzene	*50.7*		*ug/L*	*50.00*		*101*	*69-130*			
Surrogate: Dibromofluoromethane	*48.6*		*ug/L*	*50.00*		*97.2*	*66-136*			
Surrogate: Toluene-d8	*48.9*		*ug/L*	*50.00*		*97.8*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.00*		*98.4*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438131 - VOC PREP										
Blank (1438131-BLK1)				Prepared & Analyzed: 09/15/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438131 - VOC PREP										
Blank (1438131-BLK1)				Prepared & Analyzed: 09/15/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.4*		*ug/L*	*50.00*		*101*	*69-130*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50.00*		*101*	*66-136*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50.00*		*98.5*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*52.2*		*ug/L*	*50.00*		*104*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438131 - VOC PREP										
LCS (1438131-BS1)				Prepared & Analyzed: 09/15/14						
1,1,1,2-Tetrachloroethane	0.0197	0.00500	mg/kg wet	0.02000		98.3	69.2-126			
1,1,1-Trichloroethane	0.0223	0.00500	mg/kg wet	0.02000		111	65.1-133			
1,1,2,2-Tetrachloroethane	0.0212	0.00500	mg/kg wet	0.02000		106	68.5-131			
1,1,2-Trichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	71.5-128			
1,1-Dichloroethane	0.0223	0.00500	mg/kg wet	0.02000		111	65.5-131			
1,1-Dichloroethene	0.0195	0.00500	mg/kg wet	0.02000		97.6	54.4-139			
1,1-Dichloropropene	0.0213	0.00500	mg/kg wet	0.02000		107	66.6-132			
1,2,3-Trichlorobenzene	0.0191	0.00500	mg/kg wet	0.02000		95.6	56.3-154			
1,2,3-Trichloropropane	0.0208	0.00500	mg/kg wet	0.02000		104	65.6-132			
1,2,4-Trichlorobenzene	0.0202	0.00500	mg/kg wet	0.02000		101	56.2-151			
1,2,4-Trimethylbenzene	0.0200	0.00500	mg/kg wet	0.02000		100	61.2-140			
1,2-Dibromo-3-chloropropane	0.0189	0.0100	mg/kg wet	0.02000		94.6	57.4-144			
1,2-Dibromoethane	0.0193	0.00500	mg/kg wet	0.02000		96.4	69.5-126			
1,2-Dichlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		99.2	66.4-137			
1,2-Dichloroethane	0.0213	0.00500	mg/kg wet	0.02000		107	65.4-131			
1,2-Dichloropropane	0.0210	0.00500	mg/kg wet	0.02000		105	71-126			
1,3,5-Trimethylbenzene	0.0196	0.00500	mg/kg wet	0.02000		98.0	62.1-138			
1,3-Dichlorobenzene	0.0203	0.00500	mg/kg wet	0.02000		102	64.7-139			
1,3-Dichloropropane	0.0206	0.00500	mg/kg wet	0.02000		103	70.1-128			
1,4-Dichlorobenzene	0.0198	0.00500	mg/kg wet	0.02000		99.0	63.6-139			
2-Butanone	0.0308	0.0200	mg/kg wet	0.04000		77.0	57.3-143			
2-Chlorotoluene	0.0217	0.00500	mg/kg wet	0.02000		108	63-137			
2-Hexanone	0.0354	0.0200	mg/kg wet	0.04000		88.4	55.1-147			
4-Chlorotoluene	0.0216	0.00500	mg/kg wet	0.02000		108	62.3-139			
4-Isopropyltoluene	0.0202	0.00500	mg/kg wet	0.02000		101	61.5-141			
4-Methyl-2-pentanone	0.0358	0.0200	mg/kg wet	0.04000		89.6	60.1-138			
Acetone	0.0282	0.0500	mg/kg wet	0.04000		70.5	23.8-186			J
Acetonitrile	0.0223	0.0400	mg/kg wet	0.02000		112	42.6-157			J
Acrolein	0.0383	0.0500	mg/kg wet	0.04000		95.7	10-200			J
Acrylonitrile	0.0190	0.0200	mg/kg wet	0.02000		94.9	58.4-135			J
Allyl chloride	0.0180	0.0100	mg/kg wet	0.02000		89.8	61.2-134			
Benzene	0.0206	0.00500	mg/kg wet	0.02000		103	71.3-126			
Bromobenzene	0.0211	0.00500	mg/kg wet	0.02000		106	66.9-133			
Bromochloromethane	0.0201	0.00500	mg/kg wet	0.02000		100	67.1-133			
Bromodichloromethane	0.0223	0.00500	mg/kg wet	0.02000		112	65.8-128			
Bromoform	0.0198	0.00500	mg/kg wet	0.02000		98.9	61.1-129			
Bromomethane	0.0200	0.00500	mg/kg wet	0.02000		99.8	32-162			
Carbon Disulfide	0.0215	0.0200	mg/kg wet	0.02000		107	38.3-151			
Carbon Tetrachloride	0.0220	0.00500	mg/kg wet	0.02000		110	64.6-133			
Chlorobenzene	0.0204	0.00500	mg/kg wet	0.02000		102	69.4-131			
Chloroethane	0.0198	0.00500	mg/kg wet	0.02000		98.8	36.6-158			
Chloroform	0.0215	0.00500	mg/kg wet	0.02000		107	68.4-130			
Chloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	56.9-150			
cis-1,2-Dichloroethene	0.0207	0.00500	mg/kg wet	0.02000		104	66.4-132			
cis-1,3-Dichloropropene	0.0208	0.00500	mg/kg wet	0.02000		104	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438131 - VOC PREP										
LCS (1438131-BS1)				Prepared & Analyzed: 09/15/14						
Dibromochloromethane	0.0199	0.00500	mg/kg wet	0.02000		99.4	66-127			
Dibromomethane	0.0212	0.00500	mg/kg wet	0.02000		106	65.9-130			
Dichlorodifluoromethane	0.0227	0.00500	mg/kg wet	0.02000		114	55-166			
Ethylbenzene	0.0214	0.00500	mg/kg wet	0.02000		107	70-130			
Hexachlorobutadiene	0.0209	0.00500	mg/kg wet	0.02000		105	50.5-166			
Iodomethane	0.0209	0.0100	mg/kg wet	0.02000		105	47-151			
Isopropylbenzene	0.0214	0.00500	mg/kg wet	0.02000		107	69.8-132			
Methylene Chloride	0.0190	0.00500	mg/kg wet	0.02000		95.0	47-134			
Methyl tert-Butyl Ether	0.0206	0.0100	mg/kg wet	0.02000		103	59.4-132			
m,p-Xylene	0.0433	0.0100	mg/kg wet	0.04000		108	68-134			
Naphthalene	0.0189	0.00500	mg/kg wet	0.02000		94.6	51.2-154			
n-Butylbenzene	0.0212	0.00500	mg/kg wet	0.02000		106	57.6-149			
n-Hexane	0.0224	0.00500	mg/kg wet	0.02000		112	33.5-149			
n-Propylbenzene	0.0220	0.00500	mg/kg wet	0.02000		110	67-138			
o-Xylene	0.0214	0.00500	mg/kg wet	0.02000		107	67.7-132			
sec-Butylbenzene	0.0204	0.00500	mg/kg wet	0.02000		102	66.8-138			
Styrene	0.0213	0.00500	mg/kg wet	0.02000		106	63.5-135			
tert_Butylbenzene	0.0197	0.00500	mg/kg wet	0.02000		98.6	66.4-136			
Tetrachloroethene	0.0216	0.00500	mg/kg wet	0.02000		108	66.7-135			
Toluene	0.0208	0.00500	mg/kg wet	0.02000		104	70.4-130			
trans-1,2-Dichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.6	62.9-136			
trans-1,3-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	67.3-132			
Trichloroethene	0.0198	0.00500	mg/kg wet	0.02000		99.2	66.6-132			
Trichlorofluoromethane	0.0206	0.00500	mg/kg wet	0.02000		103	48.2-151			
Vinyl Chloride	0.0207	0.00500	mg/kg wet	0.02000		104	46.5-150			
Vinyl acetate	0.0298	0.0100	mg/kg wet	0.02000		149	37.7-176			
Surrogate: 4-Bromofluorobenzene	*52.5*		*ug/L*	*50.00*		*105*	*69-130*			
Surrogate: Dibromofluoromethane	*47.5*		*ug/L*	*50.00*		*94.9*	*66-136*			
Surrogate: Toluene-d8	*49.8*		*ug/L*	*50.00*		*99.7*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*47.7*		*ug/L*	*50.00*		*95.3*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438165 - VOC PREP										
Blank (1438165-BLK1)				Prepared & Analyzed: 09/17/14						
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2,3-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,3-Trichloropropane	BDL	0.00500	mg/kg wet							
1,2,4-Trichlorobenzene	BDL	0.00500	mg/kg wet							
1,2,4-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,2-Dibromo-3-chloropropane	BDL	0.0100	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3,5-Trimethylbenzene	BDL	0.00500	mg/kg wet							
1,3-Dichlorobenzene	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
1,4-Dichlorobenzene	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Isopropyltoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0500	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438165 - VOC PREP										
Blank (1438165-BLK1)				Prepared & Analyzed: 09/17/14						
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Hexachlorobutadiene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Isopropylbenzene	BDL	0.00500	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
Naphthalene	BDL	0.00500	mg/kg wet							
n-Butylbenzene	BDL	0.00500	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
n-Propylbenzene	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
sec-Butylbenzene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
tert_Butylbenzene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*51.4*		*ug/L*	*50.00*		*103*	*69-130*			
Surrogate: Dibromofluoromethane	*48.4*		*ug/L*	*50.00*		*96.9*	*66-136*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50.00*		*97.0*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.00*		*99.1*	*67-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438165 - VOC PREP										
LCS (1438165-BS1)				Prepared & Analyzed: 09/17/14						
1,1,1,2-Tetrachloroethane	0.0203	0.00500	mg/kg wet	0.02000		102	69.2-126			
1,1,1-Trichloroethane	0.0213	0.00500	mg/kg wet	0.02000		107	65.1-133			
1,1,2,2-Tetrachloroethane	0.0214	0.00500	mg/kg wet	0.02000		107	68.5-131			
1,1,2-Trichloroethane	0.0207	0.00500	mg/kg wet	0.02000		104	71.5-128			
1,1-Dichloroethane	0.0214	0.00500	mg/kg wet	0.02000		107	65.5-131			
1,1-Dichloroethene	0.0186	0.00500	mg/kg wet	0.02000		93.1	54.4-139			
1,1-Dichloropropene	0.0217	0.00500	mg/kg wet	0.02000		108	66.6-132			
1,2,3-Trichlorobenzene	0.0215	0.00500	mg/kg wet	0.02000		107	56.3-154			
1,2,3-Trichloropropane	0.0203	0.00500	mg/kg wet	0.02000		101	65.6-132			
1,2,4-Trichlorobenzene	0.0224	0.00500	mg/kg wet	0.02000		112	56.2-151			
1,2,4-Trimethylbenzene	0.0211	0.00500	mg/kg wet	0.02000		106	61.2-140			
1,2-Dibromo-3-chloropropane	0.0187	0.0100	mg/kg wet	0.02000		93.3	57.4-144			
1,2-Dibromoethane	0.0204	0.00500	mg/kg wet	0.02000		102	69.5-126			
1,2-Dichlorobenzene	0.0201	0.00500	mg/kg wet	0.02000		101	66.4-137			
1,2-Dichloroethane	0.0198	0.00500	mg/kg wet	0.02000		98.8	65.4-131			
1,2-Dichloropropane	0.0210	0.00500	mg/kg wet	0.02000		105	71-126			
1,3,5-Trimethylbenzene	0.0206	0.00500	mg/kg wet	0.02000		103	62.1-138			
1,3-Dichlorobenzene	0.0202	0.00500	mg/kg wet	0.02000		101	64.7-139			
1,3-Dichloropropane	0.0202	0.00500	mg/kg wet	0.02000		101	70.1-128			
1,4-Dichlorobenzene	0.0203	0.00500	mg/kg wet	0.02000		102	63.6-139			
2-Butanone	0.0432	0.0200	mg/kg wet	0.04000		108	57.3-143			
2-Chlorotoluene	0.0212	0.00500	mg/kg wet	0.02000		106	63-137			
2-Hexanone	0.0433	0.0200	mg/kg wet	0.04000		108	55.1-147			
4-Chlorotoluene	0.0206	0.00500	mg/kg wet	0.02000		103	62.3-139			
4-Isopropyltoluene	0.0211	0.00500	mg/kg wet	0.02000		105	61.5-141			
4-Methyl-2-pentanone	0.0416	0.0200	mg/kg wet	0.04000		104	60.1-138			
Acetone	0.0426	0.0500	mg/kg wet	0.04000		107	23.8-186			J
Acetonitrile	0.0204	0.0400	mg/kg wet	0.02000		102	42.6-157			J
Acrolein	0.0386	0.0500	mg/kg wet	0.04000		96.6	10-200			J
Acrylonitrile	0.0183	0.0200	mg/kg wet	0.02000		91.4	58.4-135			J
Allyl chloride	0.0176	0.0100	mg/kg wet	0.02000		88.0	61.2-134			
Benzene	0.0203	0.00500	mg/kg wet	0.02000		102	71.3-126			
Bromobenzene	0.0206	0.00500	mg/kg wet	0.02000		103	66.9-133			
Bromochloromethane	0.0208	0.00500	mg/kg wet	0.02000		104	67.1-133			
Bromodichloromethane	0.0214	0.00500	mg/kg wet	0.02000		107	65.8-128			
Bromoform	0.0195	0.00500	mg/kg wet	0.02000		97.4	61.1-129			
Bromomethane	0.0215	0.00500	mg/kg wet	0.02000		108	32-162			
Carbon Disulfide	0.0201	0.0200	mg/kg wet	0.02000		101	38.3-151			
Carbon Tetrachloride	0.0215	0.00500	mg/kg wet	0.02000		108	64.6-133			
Chlorobenzene	0.0204	0.00500	mg/kg wet	0.02000		102	69.4-131			
Chloroethane	0.0188	0.00500	mg/kg wet	0.02000		93.8	36.6-158			
Chloroform	0.0207	0.00500	mg/kg wet	0.02000		103	68.4-130			
Chloromethane	0.0186	0.00500	mg/kg wet	0.02000		92.8	56.9-150			
cis-1,2-Dichloroethene	0.0198	0.00500	mg/kg wet	0.02000		99.2	66.4-132			
cis-1,3-Dichloropropene	0.0208	0.00500	mg/kg wet	0.02000		104	68-129			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438165 - VOC PREP										
LCS (1438165-BS1)				Prepared & Analyzed: 09/17/14						
Dibromochloromethane	0.0212	0.00500	mg/kg wet	0.02000		106	66-127			
Dibromomethane	0.0204	0.00500	mg/kg wet	0.02000		102	65.9-130			
Dichlorodifluoromethane	0.0206	0.00500	mg/kg wet	0.02000		103	55-166			
Ethylbenzene	0.0208	0.00500	mg/kg wet	0.02000		104	70-130			
Hexachlorobutadiene	0.0210	0.00500	mg/kg wet	0.02000		105	50.5-166			
Iodomethane	0.0228	0.0100	mg/kg wet	0.02000		114	47-151			
Isopropylbenzene	0.0211	0.00500	mg/kg wet	0.02000		105	69.8-132			
Methylene Chloride	0.0198	0.00500	mg/kg wet	0.02000		99.3	47-134			
Methyl tert-Butyl Ether	0.0218	0.0100	mg/kg wet	0.02000		109	59.4-132			
m,p-Xylene	0.0416	0.0100	mg/kg wet	0.04000		104	68-134			
Naphthalene	0.0208	0.00500	mg/kg wet	0.02000		104	51.2-154			
n-Butylbenzene	0.0219	0.00500	mg/kg wet	0.02000		109	57.6-149			
n-Hexane	0.0221	0.00500	mg/kg wet	0.02000		110	33.5-149			
n-Propylbenzene	0.0212	0.00500	mg/kg wet	0.02000		106	67-138			
o-Xylene	0.0207	0.00500	mg/kg wet	0.02000		104	67.7-132			
sec-Butylbenzene	0.0207	0.00500	mg/kg wet	0.02000		104	66.8-138			
Styrene	0.0208	0.00500	mg/kg wet	0.02000		104	63.5-135			
tert_Butylbenzene	0.0202	0.00500	mg/kg wet	0.02000		101	66.4-136			
Tetrachloroethene	0.0218	0.00500	mg/kg wet	0.02000		109	66.7-135			
Toluene	0.0200	0.00500	mg/kg wet	0.02000		100	70.4-130			
trans-1,2-Dichloroethene	0.0202	0.00500	mg/kg wet	0.02000		101	62.9-136			
trans-1,3-Dichloropropene	0.0204	0.00500	mg/kg wet	0.02000		102	67.3-132			
Trichloroethene	0.0208	0.00500	mg/kg wet	0.02000		104	66.6-132			
Trichlorofluoromethane	0.0212	0.00500	mg/kg wet	0.02000		106	48.2-151			
Vinyl Chloride	0.0198	0.00500	mg/kg wet	0.02000		98.8	46.5-150			
Vinyl acetate	0.0312	0.0100	mg/kg wet	0.02000		156	37.7-176			
Surrogate: 4-Bromofluorobenzene	*50.6*		*ug/L*	*50.00*		*101*	*69-130*			
Surrogate: Dibromofluoromethane	*48.2*		*ug/L*	*50.00*		*96.4*	*66-136*			
Surrogate: Toluene-d8	*47.6*		*ug/L*	*50.00*		*95.2*	*67-139*			
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.00*		*97.2*	*67-136*			

Notes and Definitions

J	Analyte detected below quantitation limits. Estimated concentration for TICs.
A-01	Reporting limit elevated due to high levels of target analytes.
BDL	Analyte is below detection limits
	Sample preservation was met unless otherwise noted.

Belmont Labs
The Environmental Service Company.

ANALYTICAL REQUEST
CHAIN OF CUSTODY

Internal Lab Order Number 14I0336

Purchase Order No.	Quote No.	Client Project

INVOICE TO
Name: Esther Buzuvis
Company: SME
Address: 43980 Plymouth Oaks Blvd
City, State, Zip: Plymouth, MI 48167

REPORT TO
Name: Ann Winegar / Lauren Armeni
Company: SME
Mailing Address: 9375 Chillicothe Rd.
City, State, Zip: Kirtland, OH 44094
Phone No:
Email Address: winegar@sme-usa.com

☐ Rush analysis required - results required by _____(Date)
Contact Belmont Labs prior to sending rush samples

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type
☐ NPDES ☐ BUSTR
☐ RCRA ☐ NELAC
☐ SDWA
☒ VAP
☐ Other
Collected in State of _____

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	VOCs	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	HNO_3, HCl, H_2SO_4, ICE, NONE, OTHER	Lab Only
SB21 (13-14')	9/4/14	255p		x	S	3	X									
SB19 (12-13')	↓	400p		↓	↓	↓	↓									
SB18 (18-19')	↓	450p		↓	↓	↓	↓									
SB26 (10-11)	↓	605p		↓	↓	↓	↓									
SB27 (9-10)	9/5/14	805a		↓	↓	↓	↓									
SB14 (14-15)	↓	920a		↓	↓	↓	↓									
SB12 (10-11)	↓	1020a		↓	↓	↓	↓									
SB15 (11-12)	↓	1055a		↓	↓	↓	↓									
SB13 (17-18)	↓	1135a		↓	↓	↓	↓									
SB17 (19-20)	↓	100p		↓	↓	↓	↓	— TIME PER TERRA CORE LABEL (SSP)								

CHAIN OF CUSTODY (if required)

Relinquished by: Lauren Armeni DM	Date/Time 9/5/14 950p	Received by: Loren James	Date/Time 9/5/14 1:50PM
Relinquished by: Loren James	Date/Time 9/5/14 4:00PM	Received at lab by: SSP	Date/Time 9.5.14 1600
Method of Shipment: BELMONT LABS		Cooler Temp. ICE / 6°C	Custody Seals ☐ Yes ☒ No

Sampled by: Lauren Armeni & Darin Moleskey Date 9/5/14

Client Comments

Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868 • www.belmontlabs.com

Failure to complete all portions of this form may delay analysis.

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Client

Belmont Labs
The Environmental Service Company.

ANALYTICAL REQUEST CHAIN OF CUSTODY

Internal Lab Order Number _____

Purchase Order No.	Quote No.	Client Project

INVOICE TO
Name: Esther Buzuris
Company: SME
Address: 43980 Plymouth Oaks
City, State, Zip: Plymouth, MI 48167

REPORT TO
Name: Ann Wiegar / Lauren Armeni
Company: SME
Mailing Address: 9375 Chillicothe Rd
City, State, Zip: Kirtland, OH 44094
Phone No.
Email Address: wiegar@sme-use.com

☐ Rush analysis required - results required by _____(Date)
Contact Belmont Labs prior to sending rush samples

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type
☐ NPDES ☐ BUSTR
☐ RCRA ☐ NELAC
☐ SDWA
☐ VAP
☐ Other
Collected in State of _____

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	VOCs (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	Lab Only
SB16 (14-15)	9/5/14	1:35p		X	S	3	X								
Trip Blank	↓	1:50p		X	W	1	X								

CHAIN OF CUSTODY (if required)
Relinquished by: Darin McCloskey — Date/Time 9/5/14 1:50p — Received by: Lauren Armeni — Date/Time 9/5/14 1:50PM
Relinquished by: Lauren Armeni — Date/Time 9/5/14 4:00 PM — Received at lab by: [illegible] — Date/Time 9.5.14 1600
Method of Shipment: BELMONT LABS
Cooler Temp. ICE/6°C — Custody Seals ☐ Yes ☒ No

Sampled by: Darin McCloskey — Date: 9/5/14

Client Comments

Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868 • www.belmontlabs.com

Failure to complete all portions of this form may delay analysis.

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Client

Belmont Labs **Date:** 9/17/2014

Sample Receipt Summary

14I0336

Client:	Soil and Materials Engineers, Inc. - Kirtland	Project Manager:	Jason Lykins
Project:	Ohio VAP Analysis	Project Number:	Ohio VAP Analysis 217 South 2'

Report To:
Ann Winegar
9375 Chillicothe Road
Kirtland OH 44094
Phone: (440) 256-6500
Fax: -

WO Due Date:	9/18/2014 5:00:00PM
TAT (Days):	9
Received By:	Scott Pander
Received:	9/5/2014 4:00:00PM
Logged In By:	Scott Pander
Logged In:	9/6/2014 8:45:00AM

Receipt Temp (C):	**6.0**
Custody Seals	False
Container Intact	True
COC/Labels agree	True
Received on ice	True
VOC vials had zero head space	True
Approved Container	True
Sufficient volume received	True
Received within HT	True
Shipped By:	**Belmont Labs**

Samples Received:

Laboratory ID:	Field ID:	Date/Time Sampled:	Matrix:
14I0336-01	SB21 (13-14')	9/4/2014 2:55:00PM	Soil
14I0336-02	SB19 (12-13')	9/4/2014 4:00:00PM	Soil
14I0336-03	SB18 (18-19')	9/4/2014 4:50:00PM	Soil
14I0336-04	SB26 (10-11')	9/4/2014 6:05:00PM	Soil
14I0336-05	SB27 (9-10')	9/5/2014 8:05:00AM	Soil
14I0336-06	SB14 (14-15')	9/5/2014 9:20:00AM	Soil
14I0336-07	SB12 (10-11')	9/5/2014 10:20:00AM	Soil
14I0336-08	SB15 (11-12')	9/5/2014 10:55:00AM	Soil
14I0336-09	SB13 (17-18')	9/5/2014 11:35:00AM	Soil
14I0336-10	SB17 (19-20')	9/5/2014 1:00:00PM	Soil
14I0336-11	SB16 (14-15')	9/5/2014 1:35:00PM	Soil
14I0336-12	Trip Blank	9/5/2014 1:50:00PM	Water

Sample Notes:

Tuesday, September 23, 2014

Analytical Results

Ann Winegar

Soil and Materials Engineers, Inc. - Kirtland
9375 Chillicothe Road
Kirtland, OH 44094

TEL: (440) 256-6500

FAX -

RE: Ohio VAP Analysis 217 South 21st Street, Newark,O Work Order: 14I0454

Belmont Labs received 6 sample(s) on 9/9/2014 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Jason Lykins
Project Manager

Certifications: NELAP/NELAC - #04130 VAP - #CL0032
Ohio EPA Drinking water - #836 Ohio EPA Drinking water (Micro) - #872

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Work Order Sample Summary

The results of analyses performed on the following samples submitted to Belmont Labs are found in this report.

Field Sample ID	Lab ID	Matrix	Method Reference	Subcontract Lab
MW-2	14I0454-01	Groundwater	SW 8260B	
MW-1-D	14I0454-02	Groundwater	SW 8260B	
MW-9	14I0454-03	Groundwater	EPA 375.4 Modified	
			SM 2320B	
			SM 4500 NO3-F	
			SM 5310C	
			SW 6010B	
			SW 8260B	
MW-11	14I0454-04	Groundwater	SW 8260B	
Dupe 1	14I0454-05	Groundwater	SW 8260B	
Trip Blank	14I0454-06	Water	SW 8260B	

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-01 **Collection Date:** 9/8/2014 1:45:00PM
Client Sample ID: MW-2 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst:**	**EAH**
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-01 **Collection Date:** 9/8/2014 1:45:00PM
Client Sample ID: MW-2 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Surrogate: 4-Bromofluorobenzene		*98.8 %*			*71-122*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Surrogate: Dibromofluoromethane		*99.3 %*			*86-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Surrogate: Toluene-d8		*99.1 %*			*74-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*			*77-136*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:00:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-02 **Collection Date:** 9/8/2014 5:55:00PM
Client Sample ID: MW-1-D **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Bromodichloromethane	**0.320**	0.272	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-02 **Collection Date:** 9/8/2014 5:55:00PM
Client Sample ID: MW-1-D **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	**0.740**	0.268	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Tetrachloroethene	**0.320**	0.304	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Surrogate: 4-Bromofluorobenzene		*98.1 %*			*71-122*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Surrogate: Dibromofluoromethane		*100 %*			*86-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Surrogate: Toluene-d8		*98.2 %*			*74-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:20:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-03 **Collection Date:** 9/9/2014 10:52:00AM
Client Sample ID: MW-9 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
ICP_Fe		**SW 6010B**						**Analyst: RJE**	
Iron	**2.08**	0.0105	0.0500		mg/L	1	1438036	9/15/2014 9:15:00AM	9/15/2014 6:56:21PM
ICP_Mn		**SW 6010B**						**Analyst: RJE**	
Manganese	**0.520**	0.000150	0.00500		mg/L	1	1438036	9/15/2014 9:15:00AM	9/15/2014 6:56:21PM
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	**2.33**	0.213	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,1,1-Trichloroethane	**33.0**	0.233	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,1,2-Trichloroethane	**0.970**	0.223	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,1-Dichloroethane	**19.6**	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,1-Dichloroethene	**1.42**	0.344	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-03 **Collection Date:** 9/9/2014 10:52:00AM
Client Sample ID: MW-9 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Bromoform	BDL	0.295	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Chlorobenzene	**0.980**	0.243	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Chloroform	**3.52**	0.268	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
cis-1,2-Dichloroethene	**85.2**	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Ethylbenzene	**0.470**	0.227	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Tetrachloroethene	**17600**	304	5000		ug/L	1000	1438071	9/12/2014 2:52:00PM	9/12/2014 5:49:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
trans-1,2-Dichloroethene	**1.40**	0.237	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Trichloroethene	**182**	26.0	500	R-01, J	ug/L	100	1438143	9/15/2014 12:00:00PM	9/15/2014 12:40:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Surrogate: 4-Bromofluorobenzene		*104 %*			*71-122*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*R-01*	*71-122*		*1438143*	9/15/2014 12:00:00PM	9/15/2014 12:40:00PM
Surrogate: 4-Bromofluorobenzene		*98.7 %*			*71-122*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 5:49:00PM
Surrogate: Dibromofluoromethane		*99.3 %*			*86-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Surrogate: Dibromofluoromethane		*101 %*		*R-01*	*86-132*		*1438143*	9/15/2014 12:00:00PM	9/15/2014 12:40:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-03 **Collection Date:** 9/9/2014 10:52:00AM
Client Sample ID: MW-9 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Surrogate: Dibromofluoromethane		*101 %*				*86-132*	*1438071*	9/12/2014 2:52:00PM	9/12/2014 5:49:00PM
Surrogate: Toluene-d8		*99.2 %*		*R-01*		*74-132*	*1438143*	9/15/2014 12:00:00PM	9/15/2014 12:40:00PM
Surrogate: Toluene-d8		*99.5 %*				*74-132*	*1438071*	9/12/2014 2:52:00PM	9/12/2014 5:49:00PM
Surrogate: Toluene-d8		*99.9 %*				*74-132*	*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*				*77-136*	*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:39:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*R-01*		*77-136*	*1438143*	9/15/2014 12:00:00PM	9/15/2014 12:40:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*				*77-136*	*1438071*	9/12/2014 2:52:00PM	9/12/2014 5:49:00PM
ALK		**SM 2320B**						**Analyst: CLM**	
Alkalinity, Total (As CaCO3)	**303**	10.0	10.0		mg/L	2	1438183	9/17/2014 1:42:00PM	9/17/2014 1:42:00PM
NO2								**Analyst: JH**	
Nitrite Nitrogen as NO2-N	BDL	0.0281	0.100		mg/L	1	1438011	9/10/2014 6:26:00PM	9/10/2014 6:26:00PM
NO3								**Analyst: JH**	
Nitrate Nitrogen as NO3- N	**1.35**	0.0138	0.100		mg/L	1	1438115	9/15/2014 2:34:00PM	9/15/2014 2:34:00PM
SO4		**E375.4 Modified**						**Analyst: AG**	
Sulfate	**112**	3.80	10.0		mg/L	2	1438166	9/16/2014 6:30:00PM	9/16/2014 6:30:00PM
TOC								**Analyst: JH**	
Total Organic Carbon	**2.48**	0.384	1.00		mg/L	1	1438224	9/17/2014 9:52:00AM	9/17/2014 9:52:00AM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-04 **Collection Date:** 9/9/2014 1:10:00PM
Client Sample ID: MW-11 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-04 **Collection Date:** 9/9/2014 1:10:00PM
Client Sample ID: MW-11 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
cis-1,2-Dichloroethene	**1.31**	0.284	5.00	J	ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Tetrachloroethene	**5.02**	0.304	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:30:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Trichloroethene	**8.70**	0.260	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:30:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1437264	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Surrogate: 4-Bromofluorobenzene		*98.9 %*			*71-122*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:30:00PM
Surrogate: 4-Bromofluorobenzene		*98.8 %*			*71-122*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Surrogate: Dibromofluoromethane		*99.4 %*			*86-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Surrogate: Dibromofluoromethane		*99.6 %*			*86-132*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:30:00PM
Surrogate: Toluene-d8		*99.5 %*			*74-132*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:30:00PM
Surrogate: Toluene-d8		*98.6 %*			*74-132*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:30:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*			*77-136*		*1437264*	9/10/2014 11:41:00AM	9/10/2014 12:58:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-05 **Collection Date:** 9/9/2014 12:00:00AM
Client Sample ID: Dupe 1 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-05 **Collection Date:** 9/9/2014 12:00:00AM
Client Sample ID: Dupe 1 **Matrix:** Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
cis-1,2-Dichloroethene	**0.970**	0.284	5.00	J	ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Tetrachloroethene	**5.14**	0.304	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Trichloroethene	**8.88**	0.260	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Surrogate: 4-Bromofluorobenzene		*99.2 %*			*71-122*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Surrogate: Dibromofluoromethane		*101 %*			*86-132*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Surrogate: Toluene-d8		*99.8 %*			*74-132*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*77-136*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 4:51:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-06 **Collection Date:** 9/8/2014 1:45:00PM
Client Sample ID: Trip Blank **Matrix:** Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_TB		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,1,1-Trichloroethane	BDL	0.233	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,1,2-Trichloroethane	BDL	0.223	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,1-Dichloroethane	BDL	0.258	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,1-Dichloroethene	BDL	0.344	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,2-Dichloroethane	BDL	0.178	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,2-Dichloropropane	BDL	0.287	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
1,3-Dichloropropane	BDL	0.268	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
2,2-Dichloropropane	BDL	0.288	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
2-Butanone	BDL	0.393	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
2-Chlorotoluene	BDL	0.204	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
2-Hexanone	BDL	0.427	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
4-Chlorotoluene	BDL	0.235	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
4-Methyl-2-pentanone	BDL	0.694	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Acetone	BDL	2.52	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Acrylonitrile	BDL	0.294	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Allyl chloride	BDL	0.257	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Benzene	BDL	0.261	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Bromobenzene	BDL	0.190	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Bromochloromethane	BDL	0.284	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Bromodichloromethane	BDL	0.272	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Bromoform	BDL	0.295	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Bromomethane	BDL	0.315	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Carbon Disulfide	BDL	0.401	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Carbon Tetrachloride	BDL	0.291	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Chlorobenzene	BDL	0.243	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Chloroethane	BDL	0.247	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Chloroform	BDL	0.268	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Chloromethane	BDL	0.332	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
cis-1,2-Dichloroethene	BDL	0.284	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
cis-1,3-Dichloropropene	BDL	0.258	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Dibromochloromethane	BDL	0.231	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Dibromomethane	BDL	0.291	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Dichlorodifluoromethane	BDL	0.214	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Ethylbenzene	BDL	0.227	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Methylene Chloride	BDL	0.187	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland **Lab Order:** 14I0454
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH

Lab ID: 14I0454-06 **Collection Date:** 9/8/2014 1:45:00PM
Client Sample ID: Trip Blank **Matrix:** Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
m,p-Xylene	BDL	0.430	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
o-Xylene	BDL	0.248	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Styrene	BDL	0.222	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Tetrachloroethene	BDL	0.304	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Toluene	BDL	0.221	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
trans-1,2-Dichloroethene	BDL	0.237	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
trans-1,3-Dichloropropene	BDL	0.215	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Trichloroethene	BDL	0.260	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Trichlorofluoromethane	BDL	0.220	2.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438071	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Surrogate: 4-Bromofluorobenzene		*98.7 %*			*71-122*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Surrogate: Dibromofluoromethane		*101 %*			*86-132*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Surrogate: Toluene-d8		*99.6 %*			*74-132*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*77-136*		*1438071*	9/12/2014 2:52:00PM	9/12/2014 3:11:00PM

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0454

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438036 - PREP_ICP_W										
Blank (1438036-BLK1)				Prepared & Analyzed: 09/15/14						
Iron	BDL	0.0500	mg/L							
Manganese	0.000190	0.00500	mg/L							J
LCS (1438036-BS1)				Prepared & Analyzed: 09/15/14						
Iron	1.04	0.0500	mg/L	1.000		104	85-115			
Manganese	1.01	0.00500	mg/L	1.000		101	85-115			
LCS Dup (1438036-BSD1)				Prepared & Analyzed: 09/15/14						
Iron	1.05	0.0500	mg/L	1.000		105	85-115	0.957	20	
Manganese	1.02	0.00500	mg/L	1.000		102	85-115	0.985	20	
Duplicate (1438036-DUP1)		**Source: 14I0454-03**		Prepared & Analyzed: 09/15/14						
Iron	2.17	0.0500	mg/L		2.08			4.24	20	
Manganese	0.512	0.00500	mg/L		0.520			1.55	20	
Matrix Spike (1438036-MS1)		**Source: 14H1439-08**		Prepared & Analyzed: 09/15/14						
Iron	2.41	0.0500	mg/L	1.000	1.51	90.0	75-125			
Manganese	3.77	0.00500	mg/L	1.000	2.87	90.0	75-125			
Matrix Spike Dup (1438036-MSD1)		**Source: 14H1439-08**		Prepared: 09/15/14 Analyzed: 09/16/14						
Iron	2.43	0.0500	mg/L	1.000	1.51	92.0	75-125	0.826	20	
Manganese	3.86	0.00500	mg/L	1.000	2.87	99.0	75-125	2.36	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437264 - VOC PREP										
Blank (1437264-BLK1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2,3-Trichlorobenzene	BDL	5.00	ug/L							
1,2,3-Trichloropropane	BDL	5.00	ug/L							
1,2,4-Trichlorobenzene	BDL	5.00	ug/L							
1,2,4-Trimethylbenzene	BDL	5.00	ug/L							
1,2-Dibromo-3-chloropropane	BDL	10.0	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichlorobenzene	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3,5-Trimethylbenzene	BDL	5.00	ug/L							
1,3-Dichlorobenzene	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
1,4-Dichlorobenzene	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Isopropyltoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437264 - VOC PREP										
Blank (1437264-BLK1)				Prepared & Analyzed: 09/10/14						
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Hexachlorobutadiene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Isopropylbenzene	BDL	5.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
Naphthalene	BDL	5.00	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
n-Propylbenzene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
sec-Butylbenzene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
tert_Butylbenzene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.1*		*ug/L*	*50.00*		*98.1*	*71-122*			
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50.00*		*100*	*86-132*			
Surrogate: Toluene-d8	*49.5*		*ug/L*	*50.00*		*99.0*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.00*		*101*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437264 - VOC PREP										
LCS (1437264-BS1)				Prepared & Analyzed: 09/10/14						
1,1,1,2-Tetrachloroethane	23.0	5.00	ug/L	20.00		115	76.9-117			
1,1,1-Trichloroethane	23.0	5.00	ug/L	20.00		115	76.9-125			
1,1,2,2-Tetrachloroethane	23.0	5.00	ug/L	20.00		115	74.3-135			
1,1,2-Trichloroethane	22.5	5.00	ug/L	20.00		113	73.4-127			
1,1-Dichloroethane	23.2	5.00	ug/L	20.00		116	71.8-131			
1,1-Dichloroethene	22.8	5.00	ug/L	20.00		114	71.3-132			
1,1-Dichloropropene	23.4	5.00	ug/L	20.00		117	77.7-128			
1,2,3-Trichlorobenzene	22.9	5.00	ug/L	20.00		114	73.1-135			
1,2,3-Trichloropropane	19.4	5.00	ug/L	20.00		97.1	66.9-135			
1,2,4-Trichlorobenzene	23.2	5.00	ug/L	20.00		116	79-126			
1,2,4-Trimethylbenzene	24.3	5.00	ug/L	20.00		121	82.8-128			
1,2-Dibromo-3-chloropropane	20.8	10.0	ug/L	20.00		104	66.4-126			
1,2-Dibromoethane	22.0	5.00	ug/L	20.00		110	75.6-119			
1,2-Dichlorobenzene	23.3	5.00	ug/L	20.00		116	83.3-120			
1,2-Dichloroethane	21.9	5.00	ug/L	20.00		109	74.3-124			
1,2-Dichloropropane	22.4	5.00	ug/L	20.00		112	73.3-127			
1,3,5-Trimethylbenzene	23.8	5.00	ug/L	20.00		119	83.4-128			
1,3-Dichlorobenzene	23.8	5.00	ug/L	20.00		119	83.7-120			
1,3-Dichloropropane	22.8	5.00	ug/L	20.00		114	74.6-127			
1,4-Dichlorobenzene	22.8	5.00	ug/L	20.00		114	82.1-120			
2,2-Dichloropropane	25.1	5.00	ug/L	20.00		126	72.7-139			
2-Butanone	40.2	20.0	ug/L	40.00		101	59-159			
2-Chlorotoluene	23.5	5.00	ug/L	20.00		117	80.5-127			
2-Hexanone	40.9	20.0	ug/L	40.00		102	61.8-138			
4-Chlorotoluene	23.6	5.00	ug/L	20.00		118	80.5-118			
4-Isopropyltoluene	24.6	5.00	ug/L	20.00		123	80.8-127			
4-Methyl-2-pentanone	46.0	20.0	ug/L	40.00		115	66.9-132			
Acetone	39.3	20.0	ug/L	40.00		98.3	46.6-175			
Acetonitrile	19.0	40.0	ug/L	20.00		95.2	42.6-189			J
Acrolein	34.2	20.0	ug/L	40.00		85.6	22.4-212			
Acrylonitrile	20.3	20.0	ug/L	20.00		102	51.6-146			
Allyl chloride	23.2	5.00	ug/L	20.00		116	74-138			
Benzene	23.3	5.00	ug/L	20.00		117	78.2-124			
Bromobenzene	23.2	5.00	ug/L	20.00		116	80-116			
Bromochloromethane	23.2	5.00	ug/L	20.00		116	79.4-125			
Bromodichloromethane	22.6	5.00	ug/L	20.00		113	74.2-123			
Bromoform	21.2	5.00	ug/L	20.00		106	53.6-133			
Bromomethane	23.9	5.00	ug/L	20.00		119	41.3-165			
Carbon Disulfide	21.9	20.0	ug/L	20.00		109	67.2-145			
Carbon Tetrachloride	23.0	5.00	ug/L	20.00		115	72.7-124			
Chlorobenzene	23.0	5.00	ug/L	20.00		115	85.8-117			
Chloroethane	24.1	5.00	ug/L	20.00		121	32.1-170			
Chloroform	23.1	5.00	ug/L	20.00		116	78.3-129			
Chloromethane	17.4	5.00	ug/L	20.00		87.0	42.9-166			
cis-1,2-Dichloroethene	22.9	5.00	ug/L	20.00		114	74.9-130			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1437264 - VOC PREP										
LCS (1437264-BS1)				Prepared & Analyzed: 09/10/14						
cis-1,3-Dichloropropene	23.2	5.00	ug/L	20.00		116	71-129			
Dibromochloromethane	22.2	5.00	ug/L	20.00		111	64.1-125			
Dibromomethane	22.1	5.00	ug/L	20.00		111	75.1-123			
Dichlorodifluoromethane	21.4	5.00	ug/L	20.00		107	51.4-156			
Ethylbenzene	23.8	5.00	ug/L	20.00		119	82.3-121			
Hexachlorobutadiene	23.4	5.00	ug/L	20.00		117	69.1-132			
Iodomethane	12.2	10.0	ug/L	20.00		61.2	53.1-149			
Isopropylbenzene	24.2	5.00	ug/L	20.00		121	82.8-119			L
Methylene Chloride	23.4	5.00	ug/L	20.00		117	75.7-128			
Methyl tert-Butyl Ether	22.6	10.0	ug/L	20.00		113	75.6-131			
m,p-Xylene	47.2	10.0	ug/L	40.00		118	84.1-128			
Naphthalene	22.1	5.00	ug/L	20.00		110	72-136			
n-Butylbenzene	25.5	5.00	ug/L	20.00		128	80.9-132			
n-Hexane	22.9	5.00	ug/L	20.00		114	58.1-146			
n-Propylbenzene	24.1	5.00	ug/L	20.00		121	83-124			
o-Xylene	23.3	5.00	ug/L	20.00		116	80.7-119			
sec-Butylbenzene	24.4	5.00	ug/L	20.00		122	82-128			
Styrene	23.4	5.00	ug/L	20.00		117	81.2-120			
tert_Butylbenzene	23.9	5.00	ug/L	20.00		120	82.6-125			
Tetrachloroethene	23.6	5.00	ug/L	20.00		118	58.9-141			
Toluene	23.6	5.00	ug/L	20.00		118	79.1-130			
trans-1,2-Dichloroethene	23.4	5.00	ug/L	20.00		117	79.2-128			
trans-1,3-Dichloropropene	22.1	5.00	ug/L	20.00		110	73.6-131			
Trichloroethene	23.1	5.00	ug/L	20.00		115	78.5-119			
Trichlorofluoromethane	23.2	5.00	ug/L	20.00		116	59.4-141			
Vinyl Chloride	22.7	1.00	ug/L	20.00		114	63.3-158			
Vinyl acetate	22.7	10.0	ug/L	20.00		113	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/L*	*50.00*		*99.3*	*71-122*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/L*	*50.00*		*99.1*	*86-132*			
Surrogate: Toluene-d8	*49.7*		*ug/L*	*50.00*		*99.5*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.00*		*98.3*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438071 - VOC PREP										
Blank (1438071-BLK1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	BDL	1.00	ug/L							
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	1.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	1.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	2.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	1.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2,3-Trichlorobenzene	BDL	5.00	ug/L							
1,2,3-Trichloropropane	BDL	5.00	ug/L							
1,2,4-Trichlorobenzene	BDL	5.00	ug/L							
1,2,4-Trimethylbenzene	BDL	5.00	ug/L							
1,2-Dibromo-3-chloropropane	BDL	10.0	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichlorobenzene	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	1.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	1.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3,5-Trimethylbenzene	BDL	5.00	ug/L							
1,3-Dichlorobenzene	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	1.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
1,4-Dichlorobenzene	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	1.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	10.0	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	1.00	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	10.0	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	1.00	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Isopropyltoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	10.0	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	10.0	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438071 - VOC PREP										
Blank (1438071-BLK1)				Prepared & Analyzed: 09/12/14						
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	10.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	1.00	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	1.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	1.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	1.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	1.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	1.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	2.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	1.00	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	1.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	1.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	1.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	1.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	1.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	1.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	1.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	1.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	2.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	1.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438071 - VOC PREP										
Blank (1438071-BLK1)				Prepared & Analyzed: 09/12/14						
Hexachlorobutadiene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Iodomethane	BDL	10.0	ug/L							
Isopropylbenzene	BDL	5.00	ug/L							
Methylene Chloride	BDL	1.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	2.00	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
Naphthalene	0.380	5.00	ug/L							J
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
n-Propylbenzene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
o-Xylene	BDL	1.00	ug/L							
sec-Butylbenzene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Styrene	BDL	1.00	ug/L							
tert_Butylbenzene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	2.00	ug/L							
Toluene	BDL	5.00	ug/L							
Toluene	BDL	1.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	1.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	1.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichloroethene	BDL	2.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	2.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50.00*		*99.6*	*71-122*			
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50.00*		*99.6*	*71-122*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*49.9*		*ug/L*	*50.00*		*99.7*	*74-132*			
Surrogate: Toluene-d8	*49.9*		*ug/L*	*50.00*		*99.7*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.00*		*101*	*77-136*			
Surrogate: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.00*		*101*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438071 - VOC PREP										
LCS (1438071-BS1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	20.1	5.00	ug/L	20.00		101	76.9-117			
1,1,1,2-Tetrachloroethane	20.1	1.00	ug/L	20.00		101	76.9-117			
1,1,1-Trichloroethane	20.2	5.00	ug/L	20.00		101	76.9-125			
1,1,1-Trichloroethane	20.2	1.00	ug/L	20.00		101	76.9-125			
1,1,2,2-Tetrachloroethane	19.4	5.00	ug/L	20.00		97.2	74.3-135			
1,1,2,2-Tetrachloroethane	19.4	1.00	ug/L	20.00		97.2	74.3-135			
1,1,2-Trichloroethane	19.9	5.00	ug/L	20.00		99.4	73.4-127			
1,1,2-Trichloroethane	19.9	1.00	ug/L	20.00		99.4	73.4-127			
1,1-Dichloroethane	20.4	5.00	ug/L	20.00		102	71.8-131			
1,1-Dichloroethane	20.4	2.00	ug/L	20.00		102	71.8-131			
1,1-Dichloroethene	20.4	5.00	ug/L	20.00		102	71.3-132			
1,1-Dichloroethene	20.4	1.00	ug/L	20.00		102	71.3-132			
1,1-Dichloropropene	20.6	5.00	ug/L	20.00		103	77.7-128			
1,1-Dichloropropene	20.6	5.00	ug/L	20.00		103	77.7-128			
1,2,3-Trichlorobenzene	20.4	5.00	ug/L	20.00		102	73.1-135			
1,2,3-Trichloropropane	19.5	5.00	ug/L	20.00		97.6	66.9-135			
1,2,4-Trichlorobenzene	20.6	5.00	ug/L	20.00		103	79-126			
1,2,4-Trimethylbenzene	20.6	5.00	ug/L	20.00		103	82.8-128			
1,2-Dibromo-3-chloropropane	18.8	10.0	ug/L	20.00		93.9	66.4-126			
1,2-Dibromoethane	19.7	5.00	ug/L	20.00		98.7	75.6-119			
1,2-Dibromoethane	19.7	5.00	ug/L	20.00		98.7	75.6-119			
1,2-Dichlorobenzene	20.5	5.00	ug/L	20.00		102	83.3-120			
1,2-Dichloroethane	20.1	5.00	ug/L	20.00		101	74.3-124			
1,2-Dichloroethane	20.1	1.00	ug/L	20.00		101	74.3-124			
1,2-Dichloropropane	20.6	5.00	ug/L	20.00		103	73.3-127			
1,2-Dichloropropane	20.6	1.00	ug/L	20.00		103	73.3-127			
1,3,5-Trimethylbenzene	20.7	5.00	ug/L	20.00		104	83.4-128			
1,3-Dichlorobenzene	20.5	5.00	ug/L	20.00		102	83.7-120			
1,3-Dichloropropane	19.9	5.00	ug/L	20.00		99.3	74.6-127			
1,3-Dichloropropane	19.9	1.00	ug/L	20.00		99.3	74.6-127			
1,4-Dichlorobenzene	20.5	5.00	ug/L	20.00		102	82.1-120			
2,2-Dichloropropane	21.2	5.00	ug/L	20.00		106	72.7-139			
2,2-Dichloropropane	21.2	1.00	ug/L	20.00		106	72.7-139			
2-Butanone	30.8	20.0	ug/L	40.00		76.9	59-159			
2-Butanone	30.8	10.0	ug/L	40.00		76.9	59-159			
2-Chlorotoluene	20.2	5.00	ug/L	20.00		101	80.5-127			
2-Chlorotoluene	20.2	1.00	ug/L	20.00		101	80.5-127			
2-Hexanone	32.3	20.0	ug/L	40.00		80.8	61.8-138			
2-Hexanone	32.3	10.0	ug/L	40.00		80.8	61.8-138			
4-Chlorotoluene	20.4	5.00	ug/L	20.00		102	80.5-118			
4-Chlorotoluene	20.4	1.00	ug/L	20.00		102	80.5-118			
4-Isopropyltoluene	20.4	5.00	ug/L	20.00		102	80.8-127			
4-Methyl-2-pentanone	36.7	10.0	ug/L	40.00		91.7	66.9-132			
4-Methyl-2-pentanone	36.7	20.0	ug/L	40.00		91.7	66.9-132			
Acetone	26.8	10.0	ug/L	40.00		67.0	46.6-175			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438071 - VOC PREP										
LCS (1438071-BS1)				Prepared & Analyzed: 09/12/14						
Acetone	26.8	20.0	ug/L	40.00		67.0	46.6-175			
Acetonitrile	19.6	40.0	ug/L	20.00		98.2	42.6-189			J
Acetonitrile	19.6	40.0	ug/L	20.00		98.2	42.6-189			J
Acrolein	37.5	20.0	ug/L	40.00		93.7	22.4-212			
Acrolein	37.5	20.0	ug/L	40.00		93.7	22.4-212			
Acrylonitrile	18.7	10.0	ug/L	20.00		93.4	51.6-146			
Acrylonitrile	18.7	20.0	ug/L	20.00		93.4	51.6-146			J
Allyl chloride	20.8	1.00	ug/L	20.00		104	74-138			
Allyl chloride	20.8	5.00	ug/L	20.00		104	74-138			
Benzene	20.5	1.00	ug/L	20.00		103	78.2-124			
Benzene	20.5	5.00	ug/L	20.00		103	78.2-124			
Bromobenzene	20.0	1.00	ug/L	20.00		99.8	80-116			
Bromobenzene	20.0	5.00	ug/L	20.00		99.8	80-116			
Bromochloromethane	20.8	1.00	ug/L	20.00		104	79.4-125			
Bromochloromethane	20.8	5.00	ug/L	20.00		104	79.4-125			
Bromodichloromethane	20.4	5.00	ug/L	20.00		102	74.2-123			
Bromodichloromethane	20.4	1.00	ug/L	20.00		102	74.2-123			
Bromoform	19.3	1.00	ug/L	20.00		96.6	53.6-133			
Bromoform	19.3	5.00	ug/L	20.00		96.6	53.6-133			
Bromomethane	22.9	2.00	ug/L	20.00		114	41.3-165			
Bromomethane	22.9	5.00	ug/L	20.00		114	41.3-165			
Carbon Disulfide	20.5	5.00	ug/L	20.00		103	67.2-145			
Carbon Disulfide	20.5	20.0	ug/L	20.00		103	67.2-145			
Carbon Tetrachloride	20.4	1.00	ug/L	20.00		102	72.7-124			
Carbon Tetrachloride	20.4	5.00	ug/L	20.00		102	72.7-124			
Chlorobenzene	20.1	1.00	ug/L	20.00		101	85.8-117			
Chlorobenzene	20.1	5.00	ug/L	20.00		101	85.8-117			
Chloroethane	19.4	1.00	ug/L	20.00		96.8	32.1-170			
Chloroethane	19.4	5.00	ug/L	20.00		96.8	32.1-170			
Chloroform	20.0	1.00	ug/L	20.00		99.8	78.3-129			
Chloroform	20.0	5.00	ug/L	20.00		99.8	78.3-129			
Chloromethane	19.3	1.00	ug/L	20.00		96.4	42.9-166			
Chloromethane	19.3	5.00	ug/L	20.00		96.4	42.9-166			
cis-1,2-Dichloroethene	20.4	1.00	ug/L	20.00		102	74.9-130			
cis-1,2-Dichloroethene	20.4	5.00	ug/L	20.00		102	74.9-130			
cis-1,3-Dichloropropene	20.6	1.00	ug/L	20.00		103	71-129			
cis-1,3-Dichloropropene	20.6	5.00	ug/L	20.00		103	71-129			
Dibromochloromethane	20.1	1.00	ug/L	20.00		101	64.1-125			
Dibromochloromethane	20.1	5.00	ug/L	20.00		101	64.1-125			
Dibromomethane	19.8	1.00	ug/L	20.00		99.2	75.1-123			
Dibromomethane	19.8	5.00	ug/L	20.00		99.2	75.1-123			
Dichlorodifluoromethane	19.1	2.00	ug/L	20.00		95.4	51.4-156			
Dichlorodifluoromethane	19.1	5.00	ug/L	20.00		95.4	51.4-156			
Ethylbenzene	20.4	1.00	ug/L	20.00		102	82.3-121			
Ethylbenzene	20.4	5.00	ug/L	20.00		102	82.3-121			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438071 - VOC PREP										
LCS (1438071-BS1)				Prepared & Analyzed: 09/12/14						
Hexachlorobutadiene	20.9	5.00	ug/L	20.00		104	69.1-132			
Iodomethane	15.6	10.0	ug/L	20.00		78.0	53.1-149			
Iodomethane	15.6	10.0	ug/L	20.00		78.0	53.1-149			
Isopropylbenzene	20.7	5.00	ug/L	20.00		103	82.8-119			
Methylene Chloride	20.7	1.00	ug/L	20.00		104	75.7-128			
Methylene Chloride	20.7	5.00	ug/L	20.00		104	75.7-128			
Methyl tert-Butyl Ether	20.2	10.0	ug/L	20.00		101	75.6-131			
Methyl tert-Butyl Ether	20.2	10.0	ug/L	20.00		101	75.6-131			
m,p-Xylene	40.9	2.00	ug/L	40.00		102	84.1-128			
m,p-Xylene	40.9	10.0	ug/L	40.00		102	84.1-128			
Naphthalene	19.2	5.00	ug/L	20.00		95.8	72-136			
n-Butylbenzene	21.0	5.00	ug/L	20.00		105	80.9-132			
n-Hexane	21.4	5.00	ug/L	20.00		107	58.1-146			
n-Hexane	21.4	5.00	ug/L	20.00		107	58.1-146			
n-Propylbenzene	20.4	5.00	ug/L	20.00		102	83-124			
o-Xylene	20.2	1.00	ug/L	20.00		101	80.7-119			
o-Xylene	20.2	5.00	ug/L	20.00		101	80.7-119			
sec-Butylbenzene	20.6	5.00	ug/L	20.00		103	82-128			
Styrene	20.4	1.00	ug/L	20.00		102	81.2-120			
Styrene	20.4	5.00	ug/L	20.00		102	81.2-120			
tert_Butylbenzene	20.6	5.00	ug/L	20.00		103	82.6-125			
Tetrachloroethene	20.4	2.00	ug/L	20.00		102	58.9-141			
Tetrachloroethene	20.4	5.00	ug/L	20.00		102	58.9-141			
Toluene	20.4	1.00	ug/L	20.00		102	79.1-130			
Toluene	20.4	5.00	ug/L	20.00		102	79.1-130			
trans-1,2-Dichloroethene	20.7	1.00	ug/L	20.00		103	79.2-128			
trans-1,2-Dichloroethene	20.7	5.00	ug/L	20.00		103	79.2-128			
trans-1,3-Dichloropropene	20.3	1.00	ug/L	20.00		102	73.6-131			
trans-1,3-Dichloropropene	20.3	5.00	ug/L	20.00		102	73.6-131			
Trichloroethene	20.7	2.00	ug/L	20.00		103	78.5-119			
Trichloroethene	20.7	5.00	ug/L	20.00		103	78.5-119			
Trichlorofluoromethane	19.4	2.00	ug/L	20.00		96.9	59.4-141			
Trichlorofluoromethane	19.4	5.00	ug/L	20.00		96.9	59.4-141			
Vinyl Chloride	19.4	1.00	ug/L	20.00		97.1	63.3-158			
Vinyl Chloride	19.4	1.00	ug/L	20.00		97.1	63.3-158			
Vinyl acetate	20.8	10.0	ug/L	20.00		104	34.8-221			
Vinyl acetate	20.8	10.0	ug/L	20.00		104	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/L*	*50.00*		*99.3*	*71-122*			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/L*	*50.00*		*99.3*	*71-122*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*74-132*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.00*		*101*	*77-136*			
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.00*		*101*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438143 - VOC PREP										
Blank (1438143-BLK1)				Prepared & Analyzed: 09/15/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2,3-Trichlorobenzene	BDL	5.00	ug/L							
1,2,3-Trichloropropane	BDL	5.00	ug/L							
1,2,4-Trichlorobenzene	BDL	5.00	ug/L							
1,2,4-Trimethylbenzene	BDL	5.00	ug/L							
1,2-Dibromo-3-chloropropane	BDL	10.0	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichlorobenzene	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3,5-Trimethylbenzene	BDL	5.00	ug/L							
1,3-Dichlorobenzene	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
1,4-Dichlorobenzene	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Isopropyltoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438143 - VOC PREP										
Blank (1438143-BLK1)				Prepared & Analyzed: 09/15/14						
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Hexachlorobutadiene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Isopropylbenzene	BDL	5.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
Naphthalene	BDL	5.00	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
n-Propylbenzene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
sec-Butylbenzene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
tert_Butylbenzene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50.00*		*98.8*	*71-122*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*49.7*		*ug/L*	*50.00*		*99.4*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.00*		*101*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438143 - VOC PREP										
LCS (1438143-BS1)				Prepared & Analyzed: 09/15/14						
1,1,1,2-Tetrachloroethane	21.7	5.00	ug/L	20.00		108	76.9-117			
1,1,1-Trichloroethane	22.4	5.00	ug/L	20.00		112	76.9-125			
1,1,2,2-Tetrachloroethane	21.6	5.00	ug/L	20.00		108	74.3-135			
1,1,2-Trichloroethane	21.1	5.00	ug/L	20.00		106	73.4-127			
1,1-Dichloroethane	22.8	5.00	ug/L	20.00		114	71.8-131			
1,1-Dichloroethene	20.9	5.00	ug/L	20.00		105	71.3-132			
1,1-Dichloropropene	21.7	5.00	ug/L	20.00		108	77.7-128			
1,2,3-Trichlorobenzene	21.7	5.00	ug/L	20.00		108	73.1-135			
1,2,3-Trichloropropane	22.0	5.00	ug/L	20.00		110	66.9-135			
1,2,4-Trichlorobenzene	21.1	5.00	ug/L	20.00		105	79-126			
1,2,4-Trimethylbenzene	21.2	5.00	ug/L	20.00		106	82.8-128			
1,2-Dibromo-3-chloropropane	21.3	10.0	ug/L	20.00		106	66.4-126			
1,2-Dibromoethane	21.4	5.00	ug/L	20.00		107	75.6-119			
1,2-Dichlorobenzene	21.5	5.00	ug/L	20.00		108	83.3-120			
1,2-Dichloroethane	21.7	5.00	ug/L	20.00		108	74.3-124			
1,2-Dichloropropane	22.0	5.00	ug/L	20.00		110	73.3-127			
1,3,5-Trimethylbenzene	21.7	5.00	ug/L	20.00		108	83.4-128			
1,3-Dichlorobenzene	21.4	5.00	ug/L	20.00		107	83.7-120			
1,3-Dichloropropane	21.6	5.00	ug/L	20.00		108	74.6-127			
1,4-Dichlorobenzene	21.3	5.00	ug/L	20.00		107	82.1-120			
2,2-Dichloropropane	23.1	5.00	ug/L	20.00		116	72.7-139			
2-Butanone	33.1	20.0	ug/L	40.00		82.6	59-159			
2-Chlorotoluene	21.2	5.00	ug/L	20.00		106	80.5-127			
2-Hexanone	35.4	20.0	ug/L	40.00		88.6	61.8-138			
4-Chlorotoluene	21.4	5.00	ug/L	20.00		107	80.5-118			
4-Isopropyltoluene	20.7	5.00	ug/L	20.00		104	80.8-127			
4-Methyl-2-pentanone	38.6	20.0	ug/L	40.00		96.6	66.9-132			
Acetone	28.2	20.0	ug/L	40.00		70.6	46.6-175			
Acetonitrile	21.6	40.0	ug/L	20.00		108	42.6-189			J
Acrolein	37.3	20.0	ug/L	40.00		93.3	22.4-212			
Acrylonitrile	20.4	20.0	ug/L	20.00		102	51.6-146			
Allyl chloride	19.4	5.00	ug/L	20.00		97.1	74-138			
Benzene	20.7	5.00	ug/L	20.00		103	78.2-124			
Bromobenzene	21.2	5.00	ug/L	20.00		106	80-116			
Bromochloromethane	21.5	5.00	ug/L	20.00		107	79.4-125			
Bromodichloromethane	23.0	5.00	ug/L	20.00		115	74.2-123			
Bromoform	21.8	5.00	ug/L	20.00		109	53.6-133			
Bromomethane	25.7	5.00	ug/L	20.00		129	41.3-165			
Carbon Disulfide	21.5	20.0	ug/L	20.00		108	67.2-145			
Carbon Tetrachloride	22.7	5.00	ug/L	20.00		114	72.7-124			
Chlorobenzene	21.1	5.00	ug/L	20.00		106	85.8-117			
Chloroethane	19.4	5.00	ug/L	20.00		97.0	32.1-170			
Chloroform	23.2	5.00	ug/L	20.00		116	78.3-129			
Chloromethane	20.6	5.00	ug/L	20.00		103	42.9-166			
cis-1,2-Dichloroethene	21.6	5.00	ug/L	20.00		108	74.9-130			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438143 - VOC PREP										
LCS (1438143-BS1)				Prepared & Analyzed: 09/15/14						
cis-1,3-Dichloropropene	22.0	5.00	ug/L	20.00		110	71-129			
Dibromochloromethane	22.7	5.00	ug/L	20.00		114	64.1-125			
Dibromomethane	22.0	5.00	ug/L	20.00		110	75.1-123			
Dichlorodifluoromethane	20.9	5.00	ug/L	20.00		104	51.4-156			
Ethylbenzene	21.6	5.00	ug/L	20.00		108	82.3-121			
Hexachlorobutadiene	21.3	5.00	ug/L	20.00		107	69.1-132			
Iodomethane	12.8	10.0	ug/L	20.00		64.2	53.1-149			
Isopropylbenzene	21.5	5.00	ug/L	20.00		108	82.8-119			
Methylene Chloride	22.0	5.00	ug/L	20.00		110	75.7-128			
Methyl tert-Butyl Ether	21.4	10.0	ug/L	20.00		107	75.6-131			
m,p-Xylene	43.2	10.0	ug/L	40.00		108	84.1-128			
Naphthalene	20.6	5.00	ug/L	20.00		103	72-136			
n-Butylbenzene	21.2	5.00	ug/L	20.00		106	80.9-132			
n-Hexane	21.8	5.00	ug/L	20.00		109	58.1-146			
n-Propylbenzene	21.1	5.00	ug/L	20.00		106	83-124			
o-Xylene	21.7	5.00	ug/L	20.00		108	80.7-119			
sec-Butylbenzene	21.1	5.00	ug/L	20.00		106	82-128			
Styrene	21.4	5.00	ug/L	20.00		107	81.2-120			
tert_Butylbenzene	21.2	5.00	ug/L	20.00		106	82.6-125			
Tetrachloroethene	22.1	5.00	ug/L	20.00		110	58.9-141			
Toluene	20.8	5.00	ug/L	20.00		104	79.1-130			
trans-1,2-Dichloroethene	21.2	5.00	ug/L	20.00		106	79.2-128			
trans-1,3-Dichloropropene	21.0	5.00	ug/L	20.00		105	73.6-131			
Trichloroethene	21.4	5.00	ug/L	20.00		107	78.5-119			
Trichlorofluoromethane	20.2	5.00	ug/L	20.00		101	59.4-141			
Vinyl Chloride	20.0	1.00	ug/L	20.00		100	63.3-158			
Vinyl acetate	23.9	10.0	ug/L	20.00		119	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/L*	*50.00*		*99.2*	*71-122*			
Surrogate: Dibromofluoromethane	*50.2*		*ug/L*	*50.00*		*100*	*86-132*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50.00*		*98.5*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.00*		*100*	*77-136*			

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438011 - Wet Chem Prep										
Blank (1438011-BLK1)				Prepared & Analyzed: 09/10/14						
Nitrite Nitrogen as NO2-N	BDL	0.100	mg/L							
LCS (1438011-BS1)				Prepared & Analyzed: 09/10/14						
Nitrite Nitrogen as NO2-N	1.88		mg/L	1.720		109	90-110			
Batch 1438115 - Prep_NO2NO3_SM 4500 NO3 F										
Blank (1438115-BLK1)				Prepared & Analyzed: 09/15/14						
Nitrate Nitrogen as NO3- N	BDL	0.100	mg/L							
LCS (1438115-BS1)				Prepared & Analyzed: 09/15/14						
Nitrate Nitrogen as NO3- N	8.72		mg/L	8.600		101	90-110			
Batch 1438166 - Wet Chem Prep										
Blank (1438166-BLK1)				Prepared & Analyzed: 09/16/14						
Sulfate	BDL	5.00	mg/L							
LCS (1438166-BS1)				Prepared & Analyzed: 09/16/14						
Sulfate	20.5		mg/L	20.20		102	81-116			
Duplicate (1438166-DUP1)		**Source: 14I0718-01**		Prepared & Analyzed: 09/16/14						
Sulfate	49.1	10.0	mg/L		45.3			8.13	10	
Batch 1438183 - Wet Chem Prep										
Blank (1438183-BLK1)				Prepared & Analyzed: 09/17/14						
Alkalinity, Total (As CaCO3)	BDL	5.00	mg/L							

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: Ohio VAP Analysis 217 South 21st Street, Newark,OH
Lab Order: 14I0454

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438183 - Wet Chem Prep										
LCS (1438183-BS1)				Prepared & Analyzed: 09/17/14						
Alkalinity, Total (As CaCO3)	159	5.00	mg/L	167.0		95.5	90-110			
Batch 1438224 - Wet Chem Prep										
Blank (1438224-BLK1)				Prepared & Analyzed: 09/17/14						
Total Organic Carbon	0.454	1.00	mg/L							J
LCS (1438224-BS1)				Prepared & Analyzed: 09/17/14						
Total Organic Carbon	9.10		mg/L	9.020		101	90-110			
LCS Dup (1438224-BSD1)				Prepared & Analyzed: 09/17/14						
Total Organic Carbon	9.08		mg/L	9.020		101	90-110	0.279	200	

Notes and Definitions

R-01	The sample was diluted due to matrix interference, resulting in elevated reporting limits.
L	Laboratory control sample recovery outside of acceptance limits high, sample results are below detection limits. Sample data is still acceptable.
J	Analyte detected below quantitation limits. Estimated concentration for TICs.
BDL	Analyte is below detection limits

Sample preservation was met unless otherwise noted.

Belmont Labs
The Environmental Service Company.

ANALYTICAL REQUEST
CHAIN OF CUSTODY

Internal Lab Order Number 14I0454

Purchase Order No.	Quote No.	Client Project
066940.00.04A.006		21ST ST PROPERTY

INVOICE TO
Name: ANN WINEGAR
Company: SOIL + MATERIALS ENG
Address: 9375 CHILLICOTHE RD
City, State, Zip: KIRTLAND OH 44057

REPORT TO
Name: SAME
Company:
Mailing Address:
City, State, Zip:
Phone No.: 440-256-6500
Email Address: WINEGAR@SME-USA.com

☐ Rush analysis required - results required by _____ (Date)
Contact Belmont Labs prior to sending rush samples

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type
☐ NPDES ☐ BUSTR
☐ RCRA ☐ NELAC
☐ SDWA
☒ VAP
☐ Other
Collected in State of _____

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	VOC's 8260 (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	IRON 6010 (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	SULFATE 531DC (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	ALKALINITY 23208 (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	NITRATE - PRESERVED (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	MANGANESE - 6010 (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	TOC 5310C (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	NITRITE - UNPRESERVED (HNO3, HCl, H2SO4, ICE, NONE, OTHER)	Lab Only
MW-2	9-8-14	1:45					X								
MW-1-D	9-8-14	5:55					X								
MW-9	9-9-14	10:52					X	X	X	X	X	X	X	X	
MW-11	9-9-14	1:10					X								
DOPE 1							X								
						19	Sal	(+T.B.)							

CHAIN OF CUSTODY (if required)
Relinquished by: [signature] Date/Time 9-9-14-205 Received by: Loren Jamer Date/Time 9/9/14 2:05PM
Relinquished by: Loren Jamer Date/Time 9/9/14 4:05PM Received at lab by: [signature] Date/Time 9.9.14 1605
Method of Shipment: BELMONT LABS Cooler Temp. ICE/6° Custody Seals ☐ Yes ☒ No

Sampled by: John Hall Date 9-9-14

Client Comments

Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868 • www.belmontlabs.com
Failure to complete all portions of this form may delay analysis.

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Client

Belmont Labs **Date:** 9/23/2014

Sample Receipt Summary

14I0454

Client:	Soil and Materials Engineers, Inc. - Kirtland	Project Manager:	Jason Lykins
Project:	Ohio VAP Analysis	Project Number:	Ohio VAP Analysis 217 South 2

Report To:
Ann Winegar
9375 Chillicothe Road
Kirtland OH 44094
Phone: (440) 256-6500
Fax: -

WO Due Date:	9/23/2014 5:00:00PM
TAT (Days):	10
Received By:	Scott Pander
Received:	9/9/2014 4:05:00PM
Logged In By:	Scott Pander
Logged In:	9/9/2014 4:25:00PM

Receipt Temp (C):	**6.0**
Custody Seals	False
Container Intact	True
COC/Labels agree	True
Received on ice	True
VOC vials had zero head space	True
Approved Container	True
Sufficient volume received	True
Received within HT	True
Shipped By:	**Belmont Labs**

Samples Received:

Laboratory ID:	Field ID:	Date/Time Sampled:	Matrix:
14I0454-01	MW-2	9/8/2014 1:45:00PM	Groundwater
14I0454-02	MW-1-D	9/8/2014 5:55:00PM	Groundwater
14I0454-03	MW-9	9/9/2014 10:52:00AM	Groundwater
14I0454-04	MW-11	9/9/2014 1:10:00PM	Groundwater
14I0454-05	Dupe 1	9/9/2014 12:00:00AM	Groundwater
14I0454-06	Trip Blank	9/8/2014 1:45:00PM	Water

Sample Notes:

Blind Duplicate. SP 9/9/14
The sample bottles for MW-9 have various time written on them. SP 9/9/14

Tuesday, September 23, 2014

Analytical Results

Ann Winegar

Soil and Materials Engineers, Inc. - Kirtland
9375 Chillicothe Road
Kirtland, OH 44094

TEL: (440) 256-6500

FAX -

RE: 217 South 21st Street, Newark,OH

Work Order: 14I0730

Belmont Labs received 15 sample(s) on 9/11/2014 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Jason Lykins

Project Manager

Certifications:

NELAP/NELAC - #04130

Ohio EPA Drinking water - #836

VAP - #CL0032

Ohio EPA Drinking water (Micro) - #872

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Work Order Sample Summary

The results of analyses performed on the following samples submitted to Belmont Labs are found in this report.

Field Sample ID	Lab ID	Matrix	Method Reference	Subcontract Lab
MW-12	14I0730-01	Groundwater	SW 8260B	
MW-8	14I0730-02	Groundwater	SW 8260B	
MW-17	14I0730-03	Groundwater	SW 8260B	
MW-10	14I0730-04	Groundwater	SW 8260B	
MW-5	14I0730-05	Groundwater	SW 8260B	
MW-7	14I0730-06	Groundwater	SW 8260B	
MW-6	14I0730-07	Groundwater	SW 8260B	
MW-14	14I0730-08	Groundwater	SW 8260B	
MW-15	14I0730-09	Groundwater	SW 8260B	
MW-16	14I0730-10	Groundwater	SW 8260B	
MW-13	14I0730-11	Groundwater	SW 8260B	
MW-18	14I0730-12	Groundwater	SW 8260B	
MW-1	14I0730-13	Groundwater	SW 8260B	
MW-3	14I0730-14	Groundwater	SW 8260B	
Trip Blank	14I0730-15	Water	SW 8260B	

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-01
Client Sample ID: MW-12
Collection Date: 9/9/2014 1:52:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-01
Client Sample ID: MW-12
Collection Date: 9/9/2014 1:52:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Dibromochloromethane	**0.270**	0.231	5.00	J	ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Surrogate: 4-Bromofluorobenzene		*98.9 %*			*71-122*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Surrogate: Dibromofluoromethane		*100 %*			*86-132*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Surrogate: Toluene-d8		*98.7 %*			*74-132*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*			*77-136*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:10:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-02
Client Sample ID: MW-8
Collection Date: 9/9/2014 6:20:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	21.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,1,1-Trichloroethane	BDL	23.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,1,2,2-Tetrachloroethane	BDL	23.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,1,2-Trichloroethane	BDL	22.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,1-Dichloroethane	**53.0**	25.8	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,1-Dichloroethene	BDL	34.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,1-Dichloropropene	BDL	24.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2,3-Trichlorobenzene	BDL	48.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2,3-Trichloropropane	BDL	19.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2,4-Trichlorobenzene	BDL	28.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2,4-Trimethylbenzene	BDL	32.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2-Dibromo-3-chloropropane	BDL	20.2	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2-Dibromoethane	BDL	21.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2-Dichlorobenzene	BDL	23.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2-Dichloroethane	BDL	17.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,2-Dichloropropane	BDL	28.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,3,5-Trimethylbenzene	BDL	21.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,3-Dichlorobenzene	BDL	23.9	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,3-Dichloropropane	BDL	26.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
1,4-Dichlorobenzene	BDL	36.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
2,2-Dichloropropane	BDL	28.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
2-Butanone	BDL	39.3	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
2-Chlorotoluene	BDL	20.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
2-Hexanone	BDL	42.7	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
4-Chlorotoluene	BDL	23.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
4-Isopropyltoluene	BDL	20.9	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
4-Methyl-2-pentanone	BDL	69.4	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Acetone	BDL	252	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Acetonitrile	BDL	28.0	4000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Acrolein	BDL	50.5	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Acrylonitrile	BDL	29.4	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Allyl chloride	BDL	25.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Benzene	BDL	26.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Bromobenzene	BDL	19.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Bromochloromethane	BDL	28.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Bromodichloromethane	BDL	27.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Bromoform	BDL	29.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Bromomethane	BDL	31.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Carbon Disulfide	BDL	40.1	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Carbon Tetrachloride	BDL	29.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Chlorobenzene	BDL	24.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Chloroethane	BDL	24.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-02
Client Sample ID: MW-8
Collection Date: 9/9/2014 6:20:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	26.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Chloromethane	BDL	33.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
cis-1,2-Dichloroethene	**182**	28.4	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
cis-1,3-Dichloropropene	BDL	25.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Dibromochloromethane	BDL	23.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Dibromomethane	BDL	29.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Dichlorodifluoromethane	BDL	21.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Ethylbenzene	BDL	22.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Hexachlorobutadiene	BDL	109	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Iodomethane	BDL	26.6	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Isopropylbenzene	BDL	21.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Methylene Chloride	BDL	18.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Methyl tert-Butyl Ether	**26.0**	24.6	1000	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
m,p-Xylene	BDL	43.0	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Naphthalene	BDL	36.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
n-Butylbenzene	BDL	27.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
n-Hexane	BDL	134	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
n-Propylbenzene	BDL	21.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
o-Xylene	BDL	24.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
sec-Butylbenzene	BDL	20.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Styrene	BDL	22.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
tert_Butylbenzene	BDL	17.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Tetrachloroethene	BDL	30.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Toluene	**130**	22.1	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
trans-1,2-Dichloroethene	BDL	23.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
trans-1,3-Dichloropropene	BDL	21.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Trichloroethene	**1450**	26.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Trichlorofluoromethane	BDL	22.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Vinyl Chloride	BDL	22.8	100	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Vinyl acetate	BDL	22.1	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Surrogate: 4-Bromofluorobenzene		*99.2 %*		*R-06*		*71-122*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Surrogate: Dibromofluoromethane		*101 %*		*R-06*		*86-132*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Surrogate: Toluene-d8		*99.3 %*		*R-06*		*74-132*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*R-06*		*77-136*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:12:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-03
Client Sample ID: MW-17
Collection Date: 9/9/2014 7:00:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	2.13	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,1,1-Trichloroethane	BDL	2.33	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,1,2,2-Tetrachloroethane	BDL	2.34	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,1,2-Trichloroethane	BDL	2.23	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,1-Dichloroethane	**75.2**	2.58	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,1-Dichloroethene	BDL	3.44	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,1-Dichloropropene	BDL	2.46	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2,3-Trichlorobenzene	BDL	4.83	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2,3-Trichloropropane	BDL	1.96	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2,4-Trichlorobenzene	BDL	2.82	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2,4-Trimethylbenzene	BDL	3.27	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2-Dibromo-3-chloropropane	BDL	2.02	100	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2-Dibromoethane	BDL	2.17	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2-Dichlorobenzene	BDL	2.32	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2-Dichloroethane	BDL	1.78	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,2-Dichloropropane	BDL	2.87	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,3,5-Trimethylbenzene	BDL	2.12	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,3-Dichlorobenzene	BDL	2.39	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,3-Dichloropropane	BDL	2.68	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
1,4-Dichlorobenzene	BDL	3.64	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
2,2-Dichloropropane	BDL	2.88	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
2-Butanone	BDL	3.93	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
2-Chlorotoluene	BDL	2.04	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
2-Hexanone	BDL	4.27	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
4-Chlorotoluene	BDL	2.35	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
4-Isopropyltoluene	BDL	2.09	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
4-Methyl-2-pentanone	BDL	6.94	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Acetone	BDL	25.2	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Acetonitrile	BDL	2.80	400	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Acrolein	BDL	5.05	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Acrylonitrile	BDL	2.94	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Allyl chloride	BDL	2.57	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Benzene	BDL	2.61	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Bromobenzene	BDL	1.90	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Bromochloromethane	BDL	2.84	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Bromodichloromethane	BDL	2.72	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Bromoform	BDL	2.95	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Bromomethane	BDL	3.15	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Carbon Disulfide	BDL	4.01	200	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Carbon Tetrachloride	BDL	2.91	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Chlorobenzene	BDL	2.43	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Chloroethane	BDL	2.47	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-03
Client Sample ID: MW-17
Collection Date: 9/9/2014 7:00:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	2.68	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Chloromethane	BDL	3.32	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
cis-1,2-Dichloroethene	**504**	2.84	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
cis-1,3-Dichloropropene	BDL	2.58	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Dibromochloromethane	BDL	2.31	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Dibromomethane	BDL	2.91	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Dichlorodifluoromethane	BDL	2.14	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Ethylbenzene	BDL	2.27	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Hexachlorobutadiene	BDL	10.9	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Iodomethane	BDL	2.66	100	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Isopropylbenzene	BDL	2.16	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Methylene Chloride	BDL	1.87	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Methyl tert-Butyl Ether	BDL	2.46	100	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
m,p-Xylene	BDL	4.30	100	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Naphthalene	BDL	3.63	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
n-Butylbenzene	BDL	2.70	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
n-Hexane	BDL	13.4	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
n-Propylbenzene	BDL	2.10	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
o-Xylene	BDL	2.48	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
sec-Butylbenzene	BDL	2.02	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Styrene	BDL	2.22	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
tert_Butylbenzene	BDL	1.78	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Tetrachloroethene	BDL	3.04	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Toluene	**22.0**	2.21	50.0	R-06, J	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
trans-1,2-Dichloroethene	**25.9**	2.37	50.0	R-06, J	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
trans-1,3-Dichloropropene	BDL	2.15	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Trichloroethene	**243**	2.60	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Trichlorofluoromethane	BDL	2.20	50.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Vinyl Chloride	BDL	2.28	10.0	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Vinyl acetate	BDL	2.21	100	R-06	ug/L	10	1438303	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Surrogate: 4-Bromofluorobenzene		*99.8 %*		*R-06*		*71-122*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Surrogate: Dibromofluoromethane		*101 %*		*R-06*		*86-132*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Surrogate: Toluene-d8		*99.2 %*		*R-06*		*74-132*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*				*77-136*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:32:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-04
Client Sample ID: MW-10
Collection Date: 9/10/2014 9:25:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,1,1-Trichloroethane	**66.2**	0.233	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,1-Dichloroethane	**2.25**	0.258	5.00	J	ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-04
Client Sample ID: MW-10
Collection Date: 9/10/2014 9:25:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
cis-1,2-Dichloroethene	**1.71**	0.284	5.00	J	ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Trichloroethene	**67.9**	0.260	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438322	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Surrogate: 4-Bromofluorobenzene		*99.8 %*			*71-122*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Surrogate: Dibromofluoromethane		*100 %*			*86-132*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Surrogate: Toluene-d8		*99.5 %*			*74-132*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438322*	9/18/2014 10:29:00AM	9/18/2014 5:29:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-05
Client Sample ID: MW-5
Collection Date: 9/10/2014 10:06:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-05
Client Sample ID: MW-5
Collection Date: 9/10/2014 10:06:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Surrogate: 4-Bromofluorobenzene		*99.6 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Surrogate: Dibromofluoromethane		*100 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Surrogate: Toluene-d8		*99.4 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 8:56:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-06
Client Sample ID: MW-7
Collection Date: 9/10/2014 10:52:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-06
Client Sample ID: MW-7
Collection Date: 9/10/2014 10:52:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Tetrachloroethene	**4.19**	0.304	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Trichloroethene	**16.0**	0.260	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Surrogate: 4-Bromofluorobenzene		*99.5 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Surrogate: Dibromofluoromethane		*101 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Surrogate: Toluene-d8		*99.4 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:15:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-07
Client Sample ID: MW-6
Collection Date: 9/10/2014 11:53:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	21.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,1,1-Trichloroethane	BDL	23.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,1,2,2-Tetrachloroethane	BDL	23.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,1,2-Trichloroethane	BDL	22.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,1-Dichloroethane	BDL	25.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,1-Dichloroethene	BDL	34.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,1-Dichloropropene	BDL	24.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2,3-Trichlorobenzene	BDL	48.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2,3-Trichloropropane	BDL	19.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2,4-Trichlorobenzene	BDL	28.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2,4-Trimethylbenzene	BDL	32.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2-Dibromo-3-chloropropane	BDL	20.2	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2-Dibromoethane	BDL	21.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2-Dichlorobenzene	BDL	23.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2-Dichloroethane	BDL	17.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,2-Dichloropropane	BDL	28.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,3,5-Trimethylbenzene	BDL	21.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,3-Dichlorobenzene	BDL	23.9	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,3-Dichloropropane	BDL	26.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
1,4-Dichlorobenzene	BDL	36.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
2,2-Dichloropropane	BDL	28.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
2-Butanone	BDL	39.3	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
2-Chlorotoluene	BDL	20.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
2-Hexanone	BDL	42.7	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
4-Chlorotoluene	BDL	23.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
4-Isopropyltoluene	BDL	20.9	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
4-Methyl-2-pentanone	BDL	69.4	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Acetone	BDL	252	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Acetonitrile	BDL	28.0	4000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Acrolein	BDL	50.5	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Acrylonitrile	BDL	29.4	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Allyl chloride	BDL	25.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Benzene	BDL	26.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Bromobenzene	BDL	19.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Bromochloromethane	BDL	28.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Bromodichloromethane	BDL	27.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Bromoform	BDL	29.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Bromomethane	BDL	31.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Carbon Disulfide	BDL	40.1	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Carbon Tetrachloride	BDL	29.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Chlorobenzene	BDL	24.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Chloroethane	BDL	24.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-07
Client Sample ID: MW-6
Collection Date: 9/10/2014 11:53:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	26.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Chloromethane	BDL	33.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
cis-1,2-Dichloroethene	**64.0**	28.4	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
cis-1,3-Dichloropropene	BDL	25.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Dibromochloromethane	BDL	23.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Dibromomethane	BDL	29.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Dichlorodifluoromethane	BDL	21.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Ethylbenzene	BDL	22.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Hexachlorobutadiene	BDL	109	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Iodomethane	BDL	26.6	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Isopropylbenzene	BDL	21.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Methylene Chloride	BDL	18.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Methyl tert-Butyl Ether	BDL	24.6	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
m,p-Xylene	BDL	43.0	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Naphthalene	BDL	36.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
n-Butylbenzene	BDL	27.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
n-Hexane	BDL	134	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
n-Propylbenzene	BDL	21.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
o-Xylene	BDL	24.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
sec-Butylbenzene	BDL	20.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Styrene	BDL	22.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
tert_Butylbenzene	BDL	17.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Tetrachloroethene	**215**	30.4	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Toluene	**56.0**	22.1	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
trans-1,2-Dichloroethene	BDL	23.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
trans-1,3-Dichloropropene	BDL	21.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Trichloroethene	**2140**	26.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Trichlorofluoromethane	BDL	22.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Vinyl Chloride	BDL	22.8	100	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Vinyl acetate	BDL	22.1	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Surrogate: 4-Bromofluorobenzene		*99.0 %*		*R-06*		*71-122*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Surrogate: Dibromofluoromethane		*101 %*		*R-06*		*86-132*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Surrogate: Toluene-d8		*99.4 %*		*R-06*		*74-132*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*R-06*		*77-136*	*1438303*	9/18/2014 5:48:00PM	9/18/2014 11:51:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-08
Client Sample ID: MW-14
Collection Date: 9/10/2014 1:33:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	213	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,1,1-Trichloroethane	BDL	233	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,1,2,2-Tetrachloroethane	BDL	234	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,1,2-Trichloroethane	BDL	223	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,1-Dichloroethane	BDL	258	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,1-Dichloroethene	BDL	344	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,1-Dichloropropene	BDL	246	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2,3-Trichlorobenzene	BDL	483	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2,3-Trichloropropane	BDL	196	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2,4-Trichlorobenzene	BDL	282	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2,4-Trimethylbenzene	BDL	327	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2-Dibromo-3-chloropropane	BDL	202	10000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2-Dibromoethane	BDL	217	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2-Dichlorobenzene	BDL	232	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2-Dichloroethane	BDL	178	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,2-Dichloropropane	BDL	287	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,3,5-Trimethylbenzene	BDL	212	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,3-Dichlorobenzene	BDL	239	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,3-Dichloropropane	BDL	268	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
1,4-Dichlorobenzene	BDL	364	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
2,2-Dichloropropane	BDL	288	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
2-Butanone	BDL	393	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
2-Chlorotoluene	BDL	204	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
2-Hexanone	BDL	427	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
4-Chlorotoluene	BDL	235	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
4-Isopropyltoluene	BDL	209	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
4-Methyl-2-pentanone	BDL	694	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Acetone	BDL	2520	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Acetonitrile	BDL	280	40000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Acrolein	BDL	505	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Acrylonitrile	BDL	294	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Allyl chloride	BDL	257	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Benzene	BDL	261	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Bromobenzene	BDL	190	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Bromochloromethane	BDL	284	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Bromodichloromethane	BDL	272	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Bromoform	BDL	295	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Bromomethane	BDL	315	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Carbon Disulfide	BDL	401	20000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Carbon Tetrachloride	BDL	291	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Chlorobenzene	BDL	243	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Chloroethane	BDL	247	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-08
Client Sample ID: MW-14
Collection Date: 9/10/2014 1:33:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	268	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Chloromethane	BDL	332	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
cis-1,2-Dichloroethene	**430**	284	5000	R-06, J	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
cis-1,3-Dichloropropene	BDL	258	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Dibromochloromethane	BDL	231	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Dibromomethane	BDL	291	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Dichlorodifluoromethane	BDL	214	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Ethylbenzene	BDL	227	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Hexachlorobutadiene	BDL	1090	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Iodomethane	BDL	266	10000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Isopropylbenzene	BDL	216	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Methylene Chloride	BDL	187	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Methyl tert-Butyl Ether	BDL	246	10000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
m,p-Xylene	BDL	430	10000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Naphthalene	BDL	363	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
n-Butylbenzene	BDL	270	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
n-Hexane	BDL	1340	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
n-Propylbenzene	BDL	210	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
o-Xylene	BDL	248	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
sec-Butylbenzene	BDL	202	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Styrene	BDL	222	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
tert_Butylbenzene	BDL	178	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Tetrachloroethene	**40100**	304	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Toluene	BDL	221	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
trans-1,2-Dichloroethene	BDL	237	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
trans-1,3-Dichloropropene	BDL	215	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Trichloroethene	**5050**	260	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Trichlorofluoromethane	BDL	220	5000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Vinyl Chloride	BDL	228	1000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Vinyl acetate	BDL	221	10000	R-06	ug/L	1000	1438322	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Surrogate: 4-Bromofluorobenzene		*99.3 %*		*R-06*		*71-122*	*1438322*	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Surrogate: Dibromofluoromethane		*100 %*		*R-06*		*86-132*	*1438322*	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Surrogate: Toluene-d8		*99.2 %*		*R-06*		*74-132*	*1438322*	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*		*R-06*		*77-136*	*1438322*	9/18/2014 10:29:00AM	9/18/2014 2:54:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-09
Client Sample ID: MW-15
Collection Date: 9/10/2014 2:18:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	21.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,1,1-Trichloroethane	BDL	23.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,1,2,2-Tetrachloroethane	BDL	23.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,1,2-Trichloroethane	BDL	22.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,1-Dichloroethane	BDL	25.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,1-Dichloroethene	BDL	34.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,1-Dichloropropene	BDL	24.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2,3-Trichlorobenzene	BDL	48.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2,3-Trichloropropane	BDL	19.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2,4-Trichlorobenzene	BDL	28.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2,4-Trimethylbenzene	BDL	32.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2-Dibromo-3-chloropropane	BDL	20.2	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2-Dibromoethane	BDL	21.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2-Dichlorobenzene	BDL	23.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2-Dichloroethane	BDL	17.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,2-Dichloropropane	BDL	28.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,3,5-Trimethylbenzene	BDL	21.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,3-Dichlorobenzene	BDL	23.9	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,3-Dichloropropane	BDL	26.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
1,4-Dichlorobenzene	BDL	36.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
2,2-Dichloropropane	BDL	28.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
2-Butanone	BDL	39.3	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
2-Chlorotoluene	BDL	20.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
2-Hexanone	BDL	42.7	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
4-Chlorotoluene	BDL	23.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
4-Isopropyltoluene	BDL	20.9	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
4-Methyl-2-pentanone	BDL	69.4	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Acetone	BDL	252	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Acetonitrile	BDL	28.0	4000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Acrolein	BDL	50.5	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Acrylonitrile	BDL	29.4	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Allyl chloride	BDL	25.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Benzene	BDL	26.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Bromobenzene	BDL	19.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Bromochloromethane	BDL	28.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Bromodichloromethane	BDL	27.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Bromoform	BDL	29.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Bromomethane	BDL	31.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Carbon Disulfide	BDL	40.1	2000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Carbon Tetrachloride	BDL	29.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Chlorobenzene	BDL	24.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Chloroethane	BDL	24.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-09
Client Sample ID: MW-15
Collection Date: 9/10/2014 2:18:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	26.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Chloromethane	BDL	33.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
cis-1,2-Dichloroethene	**104**	28.4	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
cis-1,3-Dichloropropene	BDL	25.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Dibromochloromethane	BDL	23.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Dibromomethane	BDL	29.1	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Dichlorodifluoromethane	BDL	21.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Ethylbenzene	BDL	22.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Hexachlorobutadiene	BDL	109	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Iodomethane	BDL	26.6	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Isopropylbenzene	BDL	21.6	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Methylene Chloride	BDL	18.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Methyl tert-Butyl Ether	BDL	24.6	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
m,p-Xylene	BDL	43.0	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Naphthalene	BDL	36.3	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
n-Butylbenzene	BDL	27.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
n-Hexane	BDL	134	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
n-Propylbenzene	BDL	21.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
o-Xylene	BDL	24.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
sec-Butylbenzene	BDL	20.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Styrene	BDL	22.2	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
tert_Butylbenzene	BDL	17.8	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Tetrachloroethene	BDL	30.4	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Toluene	**43.0**	22.1	500	R-06, J	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
trans-1,2-Dichloroethene	BDL	23.7	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
trans-1,3-Dichloropropene	BDL	21.5	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Trichloroethene	**3970**	26.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Trichlorofluoromethane	BDL	22.0	500	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Vinyl Chloride	BDL	22.8	100	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Vinyl acetate	BDL	22.1	1000	R-06	ug/L	100	1438303	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Surrogate: 4-Bromofluorobenzene		*99.2 %*		*R-06*		*71-122*	*1438303*	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Surrogate: Dibromofluoromethane		*100 %*		*R-06*		*86-132*	*1438303*	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Surrogate: Toluene-d8		*99.7 %*		*R-06*		*74-132*	*1438303*	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*R-06*		*77-136*	*1438303*	9/18/2014 5:48:00PM	9/19/2014 12:11:00AM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-10
Client Sample ID: MW-16
Collection Date: 9/10/2014 3:35:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-10
Client Sample ID: MW-16
Collection Date: 9/10/2014 3:35:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
cis-1,2-Dichloroethene	**0.490**	0.284	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Tetrachloroethene	**9.54**	0.304	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Trichloroethene	**120**	0.260	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Surrogate: 4-Bromofluorobenzene		*99.2 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Surrogate: Dibromofluoromethane		*100 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Surrogate: Toluene-d8		*98.3 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:35:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-11
Client Sample ID: MW-13
Collection Date: 9/10/2014 4:33:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-11
Client Sample ID: MW-13
Collection Date: 9/10/2014 4:33:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	**1.01**	0.268	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Tetrachloroethene	**0.550**	0.304	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Trichloroethene	**0.980**	0.260	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Surrogate: Dibromofluoromethane		*101 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Surrogate: Toluene-d8		*99.2 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM
Surrogate: 1,2-Dichloroethane-d4		*102 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 9:54:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-12
Client Sample ID: MW-18
Collection Date: 9/10/2014 5:07:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-12
Client Sample ID: MW-18
Collection Date: 9/10/2014 5:07:00PM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Trichloroethene	**0.700**	0.260	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Surrogate: 4-Bromofluorobenzene		*99.2 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Surrogate: Dibromofluoromethane		*101 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Surrogate: Toluene-d8		*99.9 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:14:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-13
Client Sample ID: MW-1
Collection Date: 9/11/2014 9:42:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-13
Client Sample ID: MW-1
Collection Date: 9/11/2014 9:42:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	**0.320**	0.268	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Tetrachloroethene	**0.880**	0.304	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Trichloroethene	**0.600**	0.260	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Surrogate: 4-Bromofluorobenzene		*99.8 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Surrogate: Dibromofluoromethane		*100 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Surrogate: Toluene-d8		*99.1 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:34:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-14
Client Sample ID: MW-3
Collection Date: 9/10/2014 6:40:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2,3-Trichlorobenzene	BDL	0.483	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2,3-Trichloropropane	BDL	0.196	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2,4-Trichlorobenzene	BDL	0.282	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2,4-Trimethylbenzene	BDL	0.327	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2-Dibromo-3-chloropropane	BDL	0.202	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2-Dichlorobenzene	BDL	0.232	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,3,5-Trimethylbenzene	BDL	0.212	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,3-Dichlorobenzene	BDL	0.239	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
1,4-Dichlorobenzene	BDL	0.364	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
4-Isopropyltoluene	BDL	0.209	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Carbon Disulfide	BDL	0.401	20.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-14
Client Sample ID: MW-3
Collection Date: 9/10/2014 6:40:00AM
Matrix: Groundwater

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Chloroform	BDL	0.268	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Hexachlorobutadiene	BDL	1.09	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Isopropylbenzene	BDL	0.216	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Naphthalene	BDL	0.363	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
n-Butylbenzene	BDL	0.270	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
n-Propylbenzene	BDL	0.210	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
sec-Butylbenzene	BDL	0.202	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
tert_Butylbenzene	BDL	0.178	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Tetrachloroethene	**5.46**	0.304	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Trichloroethene	**1.81**	0.260	5.00	J	ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438303	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Surrogate: 4-Bromofluorobenzene		*100 %*			*71-122*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Surrogate: Dibromofluoromethane		*99.4 %*			*86-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Surrogate: Toluene-d8		*99.8 %*			*74-132*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438303*	9/18/2014 5:48:00PM	9/18/2014 10:53:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-15
Client Sample ID: Trip Blank
Collection Date: 9/9/2014 1:52:00PM
Matrix: Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
VOC 8260_TB		**SW 8260B**						**Analyst: EAH**	
1,1,1,2-Tetrachloroethane	BDL	0.213	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,1,1-Trichloroethane	BDL	0.233	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,1,2,2-Tetrachloroethane	BDL	0.234	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,1,2-Trichloroethane	BDL	0.223	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,1-Dichloroethane	BDL	0.258	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,1-Dichloroethene	BDL	0.344	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,1-Dichloropropene	BDL	0.246	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,2-Dibromoethane	BDL	0.217	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,2-Dichloroethane	BDL	0.178	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,2-Dichloropropane	BDL	0.287	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
1,3-Dichloropropane	BDL	0.268	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
2,2-Dichloropropane	BDL	0.288	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
2-Butanone	BDL	0.393	20.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
2-Chlorotoluene	BDL	0.204	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
2-Hexanone	BDL	0.427	20.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
4-Chlorotoluene	BDL	0.235	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
4-Methyl-2-pentanone	BDL	0.694	20.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Acetone	BDL	2.52	20.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Acetonitrile	BDL	0.280	40.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Acrolein	BDL	0.505	20.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Acrylonitrile	BDL	0.294	20.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Allyl chloride	BDL	0.257	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Benzene	BDL	0.261	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Bromobenzene	BDL	0.190	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Bromochloromethane	BDL	0.284	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Bromodichloromethane	BDL	0.272	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Bromoform	BDL	0.295	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Bromomethane	BDL	0.315	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Carbon Disulfide	**1.05**	0.401	20.0	J	ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Carbon Tetrachloride	BDL	0.291	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Chlorobenzene	BDL	0.243	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Chloroethane	BDL	0.247	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Chloroform	BDL	0.268	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Chloromethane	BDL	0.332	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
cis-1,2-Dichloroethene	BDL	0.284	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
cis-1,3-Dichloropropene	BDL	0.258	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Dibromochloromethane	BDL	0.231	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Dibromomethane	BDL	0.291	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Dichlorodifluoromethane	BDL	0.214	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Ethylbenzene	BDL	0.227	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Iodomethane	BDL	0.266	10.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Methylene Chloride	BDL	0.187	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM

Belmont Labs **Date:** 9/23/2014

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Lab ID: 14I0730-15
Client Sample ID: Trip Blank
Collection Date: 9/9/2014 1:52:00PM
Matrix: Water

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Prepared	Date Analyzed
Methyl tert-Butyl Ether	BDL	0.246	10.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
m,p-Xylene	BDL	0.430	10.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
n-Hexane	BDL	1.34	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
o-Xylene	BDL	0.248	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Styrene	BDL	0.222	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Tetrachloroethene	BDL	0.304	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Toluene	BDL	0.221	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
trans-1,2-Dichloroethene	BDL	0.237	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
trans-1,3-Dichloropropene	BDL	0.215	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Trichloroethene	BDL	0.260	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Trichlorofluoromethane	BDL	0.220	5.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Vinyl Chloride	BDL	0.228	1.00		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Vinyl acetate	BDL	0.221	10.0		ug/L	1	1438072	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Surrogate: 4-Bromofluorobenzene		*98.8 %*			*71-122*		*1438072*	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Surrogate: Dibromofluoromethane		*99.4 %*			*86-132*		*1438072*	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Surrogate: Toluene-d8		*99.3 %*			*74-132*		*1438072*	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM
Surrogate: 1,2-Dichloroethane-d4		*101 %*			*77-136*		*1438072*	9/12/2014 2:52:00PM	9/12/2014 5:11:00PM

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438072 - VOC PREP										
Blank (1438072-BLK1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Hexane	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438072 - VOC PREP										
Blank (1438072-BLK1)				Prepared & Analyzed: 09/12/14						
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50.00*		*99.6*	*71-122*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*49.9*		*ug/L*	*50.00*		*99.7*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.00*		*101*	*77-136*			
LCS (1438072-BS1)				Prepared & Analyzed: 09/12/14						
1,1,1,2-Tetrachloroethane	20.1	5.00	ug/L	20.00		101	76.9-117			
1,1,1-Trichloroethane	20.2	5.00	ug/L	20.00		101	76.9-125			
1,1,2,2-Tetrachloroethane	19.4	5.00	ug/L	20.00		97.2	74.3-135			
1,1,2-Trichloroethane	19.9	5.00	ug/L	20.00		99.4	73.4-127			
1,1-Dichloroethane	20.4	5.00	ug/L	20.00		102	71.8-131			
1,1-Dichloroethene	20.4	5.00	ug/L	20.00		102	71.3-132			
1,1-Dichloropropene	20.6	5.00	ug/L	20.00		103	77.7-128			
1,2-Dibromoethane	19.7	5.00	ug/L	20.00		98.7	75.6-119			
1,2-Dichloroethane	20.1	5.00	ug/L	20.00		101	74.3-124			
1,2-Dichloropropane	20.6	5.00	ug/L	20.00		103	73.3-127			
1,3-Dichloropropane	19.9	5.00	ug/L	20.00		99.3	74.6-127			
2,2-Dichloropropane	21.2	5.00	ug/L	20.00		106	72.7-139			
2-Butanone	30.8	20.0	ug/L	40.00		76.9	59-159			
2-Chlorotoluene	20.2	5.00	ug/L	20.00		101	80.5-127			
2-Hexanone	32.3	20.0	ug/L	40.00		80.8	61.8-138			
4-Chlorotoluene	20.4	5.00	ug/L	20.00		102	80.5-118			
4-Methyl-2-pentanone	36.7	20.0	ug/L	40.00		91.7	66.9-132			
Acetone	26.8	20.0	ug/L	40.00		67.0	46.6-175			
Acetonitrile	19.6	40.0	ug/L	20.00		98.2	42.6-189			J
Acrolein	37.5	20.0	ug/L	40.00		93.7	22.4-212			
Acrylonitrile	18.7	20.0	ug/L	20.00		93.4	51.6-146			J
Allyl chloride	20.8	5.00	ug/L	20.00		104	74-138			
Benzene	20.5	5.00	ug/L	20.00		103	78.2-124			
Bromobenzene	20.0	5.00	ug/L	20.00		99.8	80-116			
Bromochloromethane	20.8	5.00	ug/L	20.00		104	79.4-125			
Bromodichloromethane	20.4	5.00	ug/L	20.00		102	74.2-123			
Bromoform	19.3	5.00	ug/L	20.00		96.6	53.6-133			
Bromomethane	22.9	5.00	ug/L	20.00		114	41.3-165			
Carbon Disulfide	20.5	20.0	ug/L	20.00		103	67.2-145			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438072 - VOC PREP										
LCS (1438072-BS1)				Prepared & Analyzed: 09/12/14						
Carbon Tetrachloride	20.4	5.00	ug/L	20.00		102	72.7-124			
Chlorobenzene	20.1	5.00	ug/L	20.00		101	85.8-117			
Chloroethane	19.4	5.00	ug/L	20.00		96.8	32.1-170			
Chloroform	20.0	5.00	ug/L	20.00		99.8	78.3-129			
Chloromethane	19.3	5.00	ug/L	20.00		96.4	42.9-166			
cis-1,2-Dichloroethene	20.4	5.00	ug/L	20.00		102	74.9-130			
cis-1,3-Dichloropropene	20.6	5.00	ug/L	20.00		103	71-129			
Dibromochloromethane	20.1	5.00	ug/L	20.00		101	64.1-125			
Dibromomethane	19.8	5.00	ug/L	20.00		99.2	75.1-123			
Dichlorodifluoromethane	19.1	5.00	ug/L	20.00		95.4	51.4-156			
Ethylbenzene	20.4	5.00	ug/L	20.00		102	82.3-121			
Iodomethane	15.6	10.0	ug/L	20.00		78.0	53.1-149			
Methylene Chloride	20.7	5.00	ug/L	20.00		104	75.7-128			
Methyl tert-Butyl Ether	20.2	10.0	ug/L	20.00		101	75.6-131			
m,p-Xylene	40.9	10.0	ug/L	40.00		102	84.1-128			
n-Hexane	21.4	5.00	ug/L	20.00		107	58.1-146			
o-Xylene	20.2	5.00	ug/L	20.00		101	80.7-119			
Styrene	20.4	5.00	ug/L	20.00		102	81.2-120			
Tetrachloroethene	20.4	5.00	ug/L	20.00		102	58.9-141			
Toluene	20.4	5.00	ug/L	20.00		102	79.1-130			
trans-1,2-Dichloroethene	20.7	5.00	ug/L	20.00		103	79.2-128			
trans-1,3-Dichloropropene	20.3	5.00	ug/L	20.00		102	73.6-131			
Trichloroethene	20.7	5.00	ug/L	20.00		103	78.5-119			
Trichlorofluoromethane	19.4	5.00	ug/L	20.00		96.9	59.4-141			
Vinyl Chloride	19.4	1.00	ug/L	20.00		97.1	63.3-158			
Vinyl acetate	20.8	10.0	ug/L	20.00		104	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/L*	*50.00*		*99.3*	*71-122*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.00*		*101*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438303 - VOC PREP										
Blank (1438303-BLK1)				Prepared & Analyzed: 09/18/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2,3-Trichlorobenzene	BDL	5.00	ug/L							
1,2,3-Trichloropropane	BDL	5.00	ug/L							
1,2,4-Trichlorobenzene	BDL	5.00	ug/L							
1,2,4-Trimethylbenzene	BDL	5.00	ug/L							
1,2-Dibromo-3-chloropropane	BDL	10.0	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichlorobenzene	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3,5-Trimethylbenzene	BDL	5.00	ug/L							
1,3-Dichlorobenzene	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
1,4-Dichlorobenzene	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Isopropyltoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438303 - VOC PREP										
Blank (1438303-BLK1)				Prepared & Analyzed: 09/18/14						
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Hexachlorobutadiene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Isopropylbenzene	BDL	5.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
Naphthalene	BDL	5.00	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
n-Propylbenzene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
sec-Butylbenzene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
tert_Butylbenzene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.3*		*ug/L*	*50.00*		*98.6*	*71-122*			
Surrogate: Dibromofluoromethane	*50.8*		*ug/L*	*50.00*		*102*	*86-132*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50.00*		*99.9*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.1*		*ug/L*	*50.00*		*100*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438303 - VOC PREP										
LCS (1438303-BS1)				Prepared & Analyzed: 09/18/14						
1,1,1,2-Tetrachloroethane	22.4	5.00	ug/L	20.00		112	76.9-117			
1,1,1-Trichloroethane	22.3	5.00	ug/L	20.00		112	76.9-125			
1,1,2,2-Tetrachloroethane	22.0	5.00	ug/L	20.00		110	74.3-135			
1,1,2-Trichloroethane	22.0	5.00	ug/L	20.00		110	73.4-127			
1,1-Dichloroethane	22.4	5.00	ug/L	20.00		112	71.8-131			
1,1-Dichloroethene	22.5	5.00	ug/L	20.00		113	71.3-132			
1,1-Dichloropropene	22.4	5.00	ug/L	20.00		112	77.7-128			
1,2,3-Trichlorobenzene	23.1	5.00	ug/L	20.00		116	73.1-135			
1,2,3-Trichloropropane	21.6	5.00	ug/L	20.00		108	66.9-135			
1,2,4-Trichlorobenzene	22.8	5.00	ug/L	20.00		114	79-126			
1,2,4-Trimethylbenzene	22.1	5.00	ug/L	20.00		110	82.8-128			
1,2-Dibromo-3-chloropropane	21.7	10.0	ug/L	20.00		109	66.4-126			
1,2-Dibromoethane	22.0	5.00	ug/L	20.00		110	75.6-119			
1,2-Dichlorobenzene	22.4	5.00	ug/L	20.00		112	83.3-120			
1,2-Dichloroethane	22.2	5.00	ug/L	20.00		111	74.3-124			
1,2-Dichloropropane	22.2	5.00	ug/L	20.00		111	73.3-127			
1,3,5-Trimethylbenzene	21.9	5.00	ug/L	20.00		110	83.4-128			
1,3-Dichlorobenzene	22.4	5.00	ug/L	20.00		112	83.7-120			
1,3-Dichloropropane	22.1	5.00	ug/L	20.00		110	74.6-127			
1,4-Dichlorobenzene	22.0	5.00	ug/L	20.00		110	82.1-120			
2,2-Dichloropropane	23.1	5.00	ug/L	20.00		116	72.7-139			
2-Butanone	31.4	20.0	ug/L	40.00		78.4	59-159			
2-Chlorotoluene	21.9	5.00	ug/L	20.00		110	80.5-127			
2-Hexanone	33.8	20.0	ug/L	40.00		84.5	61.8-138			
4-Chlorotoluene	22.4	5.00	ug/L	20.00		112	80.5-118			
4-Isopropyltoluene	20.8	5.00	ug/L	20.00		104	80.8-127			
4-Methyl-2-pentanone	40.5	20.0	ug/L	40.00		101	66.9-132			
Acetone	25.3	20.0	ug/L	40.00		63.2	46.6-175			
Acetonitrile	19.8	40.0	ug/L	20.00		99.0	42.6-189			J
Acrolein	44.1	20.0	ug/L	40.00		110	22.4-212			
Acrylonitrile	21.7	20.0	ug/L	20.00		108	51.6-146			
Allyl chloride	22.7	5.00	ug/L	20.00		113	74-138			
Benzene	22.2	5.00	ug/L	20.00		111	78.2-124			
Bromobenzene	21.8	5.00	ug/L	20.00		109	80-116			
Bromochloromethane	22.1	5.00	ug/L	20.00		111	79.4-125			
Bromodichloromethane	22.3	5.00	ug/L	20.00		111	74.2-123			
Bromoform	21.5	5.00	ug/L	20.00		108	53.6-133			
Bromomethane	23.7	5.00	ug/L	20.00		119	41.3-165			
Carbon Disulfide	22.5	20.0	ug/L	20.00		112	67.2-145			
Carbon Tetrachloride	22.3	5.00	ug/L	20.00		112	72.7-124			
Chlorobenzene	21.9	5.00	ug/L	20.00		109	85.8-117			
Chloroethane	19.0	5.00	ug/L	20.00		95.2	32.1-170			
Chloroform	22.1	5.00	ug/L	20.00		111	78.3-129			
Chloromethane	20.6	5.00	ug/L	20.00		103	42.9-166			
cis-1,2-Dichloroethene	22.5	5.00	ug/L	20.00		113	74.9-130			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438303 - VOC PREP										
LCS (1438303-BS1)				Prepared & Analyzed: 09/18/14						
cis-1,3-Dichloropropene	22.2	5.00	ug/L	20.00		111	71-129			
Dibromochloromethane	22.1	5.00	ug/L	20.00		111	64.1-125			
Dibromomethane	22.2	5.00	ug/L	20.00		111	75.1-123			
Dichlorodifluoromethane	19.4	5.00	ug/L	20.00		96.9	51.4-156			
Ethylbenzene	22.1	5.00	ug/L	20.00		110	82.3-121			
Hexachlorobutadiene	22.9	5.00	ug/L	20.00		115	69.1-132			
Iodomethane	17.9	10.0	ug/L	20.00		89.6	53.1-149			
Isopropylbenzene	22.1	5.00	ug/L	20.00		111	82.8-119			
Methylene Chloride	21.8	5.00	ug/L	20.00		109	75.7-128			
Methyl tert-Butyl Ether	21.9	10.0	ug/L	20.00		110	75.6-131			
m,p-Xylene	44.7	10.0	ug/L	40.00		112	84.1-128			
Naphthalene	21.8	5.00	ug/L	20.00		109	72-136			
n-Butylbenzene	21.6	5.00	ug/L	20.00		108	80.9-132			
n-Hexane	23.8	5.00	ug/L	20.00		119	58.1-146			
n-Propylbenzene	21.7	5.00	ug/L	20.00		108	83-124			
o-Xylene	22.4	5.00	ug/L	20.00		112	80.7-119			
sec-Butylbenzene	21.2	5.00	ug/L	20.00		106	82-128			
Styrene	22.0	5.00	ug/L	20.00		110	81.2-120			
tert_Butylbenzene	21.6	5.00	ug/L	20.00		108	82.6-125			
Tetrachloroethene	22.0	5.00	ug/L	20.00		110	58.9-141			
Toluene	22.0	5.00	ug/L	20.00		110	79.1-130			
trans-1,2-Dichloroethene	22.4	5.00	ug/L	20.00		112	79.2-128			
trans-1,3-Dichloropropene	21.9	5.00	ug/L	20.00		109	73.6-131			
Trichloroethene	22.2	5.00	ug/L	20.00		111	78.5-119			
Trichlorofluoromethane	19.4	5.00	ug/L	20.00		96.8	59.4-141			
Vinyl Chloride	19.3	1.00	ug/L	20.00		96.3	63.3-158			
Vinyl acetate	23.0	10.0	ug/L	20.00		115	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.7*		*ug/L*	*50.00*		*99.4*	*71-122*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*49.8*		*ug/L*	*50.00*		*99.5*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.00*		*99.8*	*77-136*			

CLIENT: Soil and Materials Engineers, Inc. - Kirtland
Project: 217 South 21st Street, Newark,OH
Lab Order: 14I0730

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438322 - VOC PREP										
Blank (1438322-BLK1)				Prepared & Analyzed: 09/18/14						
1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2,3-Trichlorobenzene	BDL	5.00	ug/L							
1,2,3-Trichloropropane	BDL	5.00	ug/L							
1,2,4-Trichlorobenzene	BDL	5.00	ug/L							
1,2,4-Trimethylbenzene	BDL	5.00	ug/L							
1,2-Dibromo-3-chloropropane	BDL	10.0	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichlorobenzene	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3,5-Trimethylbenzene	BDL	5.00	ug/L							
1,3-Dichlorobenzene	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
1,4-Dichlorobenzene	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Isopropyltoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438322 - VOC PREP										
Blank (1438322-BLK1)				Prepared & Analyzed: 09/18/14						
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Hexachlorobutadiene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Isopropylbenzene	BDL	5.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
Naphthalene	BDL	5.00	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
n-Propylbenzene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
sec-Butylbenzene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
tert_Butylbenzene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50.00*		*99.5*	*71-122*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*49.8*		*ug/L*	*50.00*		*99.6*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.00*		*102*	*77-136*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438322 - VOC PREP										
LCS (1438322-BS1)				Prepared & Analyzed: 09/18/14						
1,1,1,2-Tetrachloroethane	20.6	5.00	ug/L	20.00		103	76.9-117			
1,1,1-Trichloroethane	20.4	5.00	ug/L	20.00		102	76.9-125			
1,1,2,2-Tetrachloroethane	20.2	5.00	ug/L	20.00		101	74.3-135			
1,1,2-Trichloroethane	20.2	5.00	ug/L	20.00		101	73.4-127			
1,1-Dichloroethane	20.4	5.00	ug/L	20.00		102	71.8-131			
1,1-Dichloroethene	20.4	5.00	ug/L	20.00		102	71.3-132			
1,1-Dichloropropene	20.3	5.00	ug/L	20.00		101	77.7-128			
1,2,3-Trichlorobenzene	20.7	5.00	ug/L	20.00		104	73.1-135			
1,2,3-Trichloropropane	19.9	5.00	ug/L	20.00		99.4	66.9-135			
1,2,4-Trichlorobenzene	20.8	5.00	ug/L	20.00		104	79-126			
1,2,4-Trimethylbenzene	20.5	5.00	ug/L	20.00		103	82.8-128			
1,2-Dibromo-3-chloropropane	19.8	10.0	ug/L	20.00		99.2	66.4-126			
1,2-Dibromoethane	20.1	5.00	ug/L	20.00		100	75.6-119			
1,2-Dichlorobenzene	20.4	5.00	ug/L	20.00		102	83.3-120			
1,2-Dichloroethane	20.6	5.00	ug/L	20.00		103	74.3-124			
1,2-Dichloropropane	20.4	5.00	ug/L	20.00		102	73.3-127			
1,3,5-Trimethylbenzene	20.2	5.00	ug/L	20.00		101	83.4-128			
1,3-Dichlorobenzene	20.5	5.00	ug/L	20.00		102	83.7-120			
1,3-Dichloropropane	20.0	5.00	ug/L	20.00		100	74.6-127			
1,4-Dichlorobenzene	20.1	5.00	ug/L	20.00		100	82.1-120			
2,2-Dichloropropane	20.9	5.00	ug/L	20.00		104	72.7-139			
2-Butanone	40.1	20.0	ug/L	40.00		100	59-159			
2-Chlorotoluene	19.8	5.00	ug/L	20.00		98.9	80.5-127			
2-Hexanone	41.5	20.0	ug/L	40.00		104	61.8-138			
4-Chlorotoluene	20.2	5.00	ug/L	20.00		101	80.5-118			
4-Isopropyltoluene	19.6	5.00	ug/L	20.00		98.1	80.8-127			
4-Methyl-2-pentanone	39.8	20.0	ug/L	40.00		99.6	66.9-132			
Acetone	40.5	20.0	ug/L	40.00		101	46.6-175			
Acetonitrile	17.5	40.0	ug/L	20.00		87.6	42.6-189			J
Acrolein	43.0	20.0	ug/L	40.00		108	22.4-212			
Acrylonitrile	20.0	20.0	ug/L	20.00		99.9	51.6-146			
Allyl chloride	20.5	5.00	ug/L	20.00		103	74-138			
Benzene	20.3	5.00	ug/L	20.00		102	78.2-124			
Bromobenzene	20.0	5.00	ug/L	20.00		100	80-116			
Bromochloromethane	20.5	5.00	ug/L	20.00		102	79.4-125			
Bromodichloromethane	20.5	5.00	ug/L	20.00		103	74.2-123			
Bromoform	20.2	5.00	ug/L	20.00		101	53.6-133			
Bromomethane	23.4	5.00	ug/L	20.00		117	41.3-165			
Carbon Disulfide	20.2	20.0	ug/L	20.00		101	67.2-145			
Carbon Tetrachloride	20.6	5.00	ug/L	20.00		103	72.7-124			
Chlorobenzene	20.0	5.00	ug/L	20.00		100	85.8-117			
Chloroethane	18.8	5.00	ug/L	20.00		93.8	32.1-170			
Chloroform	20.4	5.00	ug/L	20.00		102	78.3-129			
Chloromethane	19.3	5.00	ug/L	20.00		96.4	42.9-166			
cis-1,2-Dichloroethene	20.4	5.00	ug/L	20.00		102	74.9-130			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1438322 - VOC PREP										
LCS (1438322-BS1)				Prepared & Analyzed: 09/18/14						
cis-1,3-Dichloropropene	20.4	5.00	ug/L	20.00		102	71-129			
Dibromochloromethane	20.5	5.00	ug/L	20.00		102	64.1-125			
Dibromomethane	20.4	5.00	ug/L	20.00		102	75.1-123			
Dichlorodifluoromethane	18.5	5.00	ug/L	20.00		92.4	51.4-156			
Ethylbenzene	20.2	5.00	ug/L	20.00		101	82.3-121			
Hexachlorobutadiene	20.9	5.00	ug/L	20.00		104	69.1-132			
Iodomethane	16.2	10.0	ug/L	20.00		81.2	53.1-149			
Isopropylbenzene	20.0	5.00	ug/L	20.00		100	82.8-119			
Methylene Chloride	20.1	5.00	ug/L	20.00		100	75.7-128			
Methyl tert-Butyl Ether	20.4	10.0	ug/L	20.00		102	75.6-131			
m,p-Xylene	40.3	10.0	ug/L	40.00		101	84.1-128			
Naphthalene	19.9	5.00	ug/L	20.00		99.4	72-136			
n-Butylbenzene	20.5	5.00	ug/L	20.00		102	80.9-132			
n-Hexane	21.8	5.00	ug/L	20.00		109	58.1-146			
n-Propylbenzene	19.7	5.00	ug/L	20.00		98.7	83-124			
o-Xylene	20.4	5.00	ug/L	20.00		102	80.7-119			
sec-Butylbenzene	19.5	5.00	ug/L	20.00		97.4	82-128			
Styrene	20.0	5.00	ug/L	20.00		100	81.2-120			
tert_Butylbenzene	19.9	5.00	ug/L	20.00		99.4	82.6-125			
Tetrachloroethene	20.0	5.00	ug/L	20.00		99.8	58.9-141			
Toluene	20.0	5.00	ug/L	20.00		100	79.1-130			
trans-1,2-Dichloroethene	20.2	5.00	ug/L	20.00		101	79.2-128			
trans-1,3-Dichloropropene	20.0	5.00	ug/L	20.00		99.8	73.6-131			
Trichloroethene	20.0	5.00	ug/L	20.00		100	78.5-119			
Trichlorofluoromethane	19.0	5.00	ug/L	20.00		95.0	59.4-141			
Vinyl Chloride	18.9	1.00	ug/L	20.00		94.4	63.3-158			
Vinyl acetate	21.0	10.0	ug/L	20.00		105	34.8-221			
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/L*	*50.00*		*99.7*	*71-122*			
Surrogate: Dibromofluoromethane	*50.3*		*ug/L*	*50.00*		*101*	*86-132*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50.00*		*100*	*74-132*			
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.00*		*101*	*77-136*			

Notes and Definitions

R-06	The sample was diluted due to the presence of high levels of target analytes, resulting in elevated reporting limits.
J	Analyte detected below quantitation limits. Estimated concentration for TICs.
BDL	Analyte is below detection limits
	Sample preservation was met unless otherwise noted.

Belmont Labs
The Environmental Service Company.

ANALYTICAL REQUEST
CHAIN OF CUSTODY

Internal Lab Order Number 14I0730

Purchase Order No.	Quote No.	Client Project
048940-00.04A.006		21st STREET PROPERTY

INVOICE TO
Name: ANN WINEGAR
Company: SOIL AND MATERIALS ENG
Address: 9375 CHILLICOTHE RD
City, State, Zip: KIRTLAND OH 44094

REPORT TO
Name: ANN
Company:
Mailing Address:
City, State, Zip:
Phone No.: 256-6500
Email Address: WINEGAR@SME-USA.COM

☐ Rush analysis required - results required by _____(Date)
Contact Belmont Labs prior to sending rush samples

Special Instructions:

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Regulatory Type
☐ NPDES ☐ BUSTR
☐ RCRA ☐ NELAC
☐ SDWA
☒ VAP
☐ Other
Collected in State of _____

ANALYSIS REQUESTED
(Enter an "X" in the box below to indicate request and circle preservative)

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	VOCs 8260	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	HNO3, HCl, H2SO4, ICE, NONE, OTHER	Lab Only
MW-12	9-9-14	1:52													
MW-8	9-9-14	6:20													
MW-17	9-9-14	7:00													
MW-10	9-10-14	9:25													
MW-5	9-10-14	10:06													
MW-7	9-10-14	10:52				30									
MW-6	9-10-14	11:53													
MW-14	9-10-14	1:33													
MW-15	9-10-14	2:18													
MW-16	9-10-14	3:35													
MW-13	9-10-14	4:33													
MW-18	9-10-14	5:07													
MW-3	9-10-14	6:40													
MW-1	9-11-14	9:42													6

CHAIN OF CUSTODY (if required)

Relinquished by: [signature] Date/Time 9-11-14 12:30 Received by: [signature] Date/Time 9-11-14 1300

Relinquished by: Date/Time Received at lab by: [signature] Date/Time 9-11-14 1530

Method of Shipment: BL Cooler Temp. RK Custody Seals ☐ Yes ☒ No

Sampled by _____ Date _____

Client Comments

Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868 • www.belmontlabs.com

Failure to complete all portions of this form may delay analysis.

DISTRIBUTION:
WHITE - Laboratory
YELLOW - Client

Belmont Labs **Date:** 9/23/2014

Sample Receipt Summary

14I0730

Client:	Soil and Materials Engineers, Inc. - Kirtland	Project Manager:	Jason Lykins
Project:	Ohio VAP Analysis	Project Number:	217 South 21st Street, Newark,(

Report To:
Ann Winegar
9375 Chillicothe Road
Kirtland OH 44094
Phone: (440) 256-6500
Fax: -

WO Due Date:	9/23/2014 5:00:00PM
TAT (Days):	8
Received By:	David Spurlock
Received:	9/11/2014 3:30:00PM
Logged In By:	Peggy Whitaker
Logged In:	9/12/2014 11:53:00AM

Receipt Temp (C):	**6.0**
Custody Seals	False
Container Intact	True
COC/Labels agree	True
Received on ice	True
VOC vials had zero head space	True
Approved Container	True
Sufficient volume received	True
Received within HT	True
Shipped By:	**Belmont Labs**

Samples Received:

Laboratory ID:	Field ID:	Date/Time Sampled:	Matrix:
14I0730-01	MW-12	9/9/2014 1:52:00PM	Groundwater
14I0730-02	MW-8	9/9/2014 6:20:00AM	Groundwater
14I0730-03	MW-17	9/9/2014 7:00:00AM	Groundwater
14I0730-04	MW-10	9/10/2014 9:25:00AM	Groundwater
14I0730-05	MW-5	9/10/2014 10:06:00AM	Groundwater
14I0730-06	MW-7	9/10/2014 10:52:00AM	Groundwater
14I0730-07	MW-6	9/10/2014 11:53:00AM	Groundwater
14I0730-08	MW-14	9/10/2014 1:33:00PM	Groundwater
14I0730-09	MW-15	9/10/2014 2:18:00PM	Groundwater
14I0730-10	MW-16	9/10/2014 3:35:00PM	Groundwater
14I0730-11	MW-13	9/10/2014 4:33:00PM	Groundwater
14I0730-12	MW-18	9/10/2014 5:07:00PM	Groundwater
14I0730-13	MW-1	9/11/2014 9:42:00AM	Groundwater
14I0730-14	MW-3	9/10/2014 6:40:00AM	Groundwater
14I0730-15	Trip Blank	9/9/2014 1:52:00PM	Water

Sample Notes:

Blind Duplicate. SP 9/9/14
The sample bottles for MW-9 have various time written on them. SP 9/9/14