SITE INVESTIGATION REPORT

Laundromat Property Site
1021 South Broadway Street
Menomonie, Dunn County, Wisconsin 54751

WDNR BRRTS No. 02-17-587803
AET Project No. P-0011071

Date:
December 8, 2022

Prepared for:
Quarters Unlimited
N7487 State Highway 25
Menomonie, WI 54751

Geotechnical • Materials
Forensic • Environmental
Building Technology
Petrography/Chemistry

American Engineering Testing
1837 County Highway OO
Chippewa Falls, WI 54729
teamAET.com • 800.972.6364

December 8, 2022

Quarters Unlimited
N7487 State Highway 25
Menomonie, WI 54751

Attn: Wayne Moser
Submitted via Email: wmwasherman@gmail.com

RE: Site Investigation Report
Laundromat Property Site
1021 South Broadway Street
Menomonie, Wisconsin 54751
WDNR BRRTS No. 02-17-587803
AET Project No. P-0011071

Dear Mr. Moser:

American Engineering Testing, Inc. has completed Remedial Investigation services at the above-referenced property in Menomonie, Wisconsin. These services were performed to further evaluate the extent of impact at the site, in accordance with our approved proposal dated March 18, 2022.

We appreciate the opportunity to serve you on this project. If you have any questions regarding the information presented in this Site Investigation report, or if we may be of additional service, please contact me.

Sincerely,
American Engineering Testing, Inc.

Michael K. Neal, Professional Hydrologist
Geomorphologist

Phone: (715) 861-5045
Mobile (715) 894-6455
E-mail: mneal@teamAET.com

cc: Matt Thompson, WDNR/RR, 1300 W. Clairemont Avenue, Eau Claire, WI 54701

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

A. Acronyms/Abbreviations and Definitions
B. Environmental Sampling Methods
C. Soil Boring Logs, Groundwater Monitoring Well, and Abandonment Forms
D. Laboratory Analytical Report and Chain-of-Custody

EXECUTIVE SUMMARY

American Engineering Testing, Inc. (AET) was authorized by Quarters Unlimited, to conduct Site Investigation activities at the Laundromat Property site located at 1021 South Broadway Street, Menomonie, Dunn County, Wisconsin (the Site). The Wisconsin Department of Natural Resources (WDNR) denied site closure and directed Quarters Unlimited to complete a site investigation to define the extent of contamination discovered in May 2021 during the completion of a Phase II Environmental Site Assessment (ESA).

The results of our investigation have demonstrated that low concentrations of tetrachloroethene (PCE) were detected in soil samples collected at depths of 14 to 16 feet below ground surface (bgs) and are associated with the impacted groundwater smear zone.

Groundwater contaminated with volatile organic compounds (VOCs) at levels exceeding the WDNR Enforcement Standard (ES) remains on and off-site in an area that is approximately 300 feet by 75 feet. This overall area includes the areas of groundwater monitoring wells MW-2, MW-3, and MW-6. The direction of groundwater flow is variable, but measured toward the west in September 2021, and predominantly to the north or northeast in three subsequent groundwater monitoring events from May 2022 to November 2022. The extent of groundwater contamination may extend to the adjacent UW-Stout paved parking lot to the north of the Site.

Due to the lack of identified risk receptors downgradient (to the north and northeast), AET recommends that the remaining groundwater contamination be allowed to naturally attenuate. Based on these results, AET recommends the WDNR review the site for closure. AET will submit a closure application, GIS Registry packet, and off-site notifications.

1.0 INTRODUCTION

Quarters Unlimited authorized American Engineering Testing, Inc. (AET) to conduct site investigation activities at the Laundromat Property site located at 1021 South Broadway Street, Menomonie, Dunn County, Wisconsin (the Site). **Figure 1** shows the Site location and **Figure 2** shows the current Site layout and soil boring and monitoring well locations.

Appendix A contains a list of the acronyms and abbreviations used in this report.

1.1 Purpose

AET has completed the scope of services for this project to evaluate the degree and extent of previously identified soil contamination, groundwater contamination and to identify if further investigation or remedial actions are necessary at the Site. AET's services have been performed in accordance with generally accepted practices of the profession undertaken in similar studies at the same time and in the same geographical area, and for the following objectives:

- To attempt to define the extent and degree of previously identified soil and groundwater contamination; and
- To evaluate the need for further remedial investigation.

2.0 BACKGROUND

2.1 Site Description and Features

The Site is located in the southwest quarter of the southwest quarter of Section 26, Township 28 North, Range 13 West, in the City of Menomonie, Dunn County, Wisconsin. The Site is an approximately 0.18-acre parcel located on the west side of South Broadway Street north of 11th Avenue West. The Site operates as a self-serve laundromat (Menomonie Quick Wash). The area is served by a municipal water supply and sanitary sewer system.

At present, neighboring property uses include University of Wisconsin Stout (UW Stout) campus parking lots to the north and west, South Broadway Street and UW Stout tennis courts are to the east, and 11th Avenue West and a parking lot (formerly a gas station) is located to the south.

2.2 Physical Setting

The Site is located in the Central Plain Physiographic Province of northwestern Wisconsin. Fluvial and glacial processes have been an important geologic agent in determining the surface geology and physiography of the Site, and it is generally situated on alluvial deposits composed of silty sand and gravel underlain by clay. Regionally, bedrock consists of Cambrian age sandstone at depths ranging from 20 to 50 feet.

Soils encountered at the Site are primarily non-waste fill (sand with varying amounts of silt and gravel) from the surface to approximately five feet below ground surface (bgs). Below the coarse alluvium is fine alluvium consisting of silty and lean clay with layers of silty sand or clayey silt. Bedrock was not encountered in the soil borings.

Topography at the Site is fairly level. Groundwater elevation data collected from the monitoring wells suggests that the groundwater gradient is relatively gentle, and that groundwater flow directions vary from west to northeast. Depth to groundwater measured in the monitoring wells ranged from approximately 9 to 14 feet bgs.

2.3 Previous Environmental Reports

AET concluded in their Phase I Environmental Site Assessment (ESA) report, dated May 3, 2021, that the past use of the Site as a dry cleaner and generation of hazardous solvent wastes are considered recognized environmental conditions (RECs) in connection with the Site. The Phase II ESA was completed to investigate the potential solvent-related soil, vapor, and/or groundwater contamination from use of the Site as a dry cleaner business.

As part of the Phase I ESA, AET reviewed the Wisconsin Department of Natural Resources (WDNR) Wisconsin Remediation and Redevelopment Database (WRRD) for active/closed remedial action sites for the Site and adjoining properties. One remedial action was identified on the adjacent south property on the WRRD database.

- Cenex C Store/Vista U Pump #12 at 1103 South Broadway Street located south of the Site is identified as a leaking underground storage tank (LUST) site (BRRTS No. 03-17-183724). In March 1998, petroleum contamination was reported from the unleaded gasoline underground storage tank (UST) system. The site investigation included seven soil borings and six groundwater monitoring wells. Soil contamination was minimal, and three years of groundwater monitoring determined groundwater contamination did not extend off-site and petroleum contaminant concentrations were decreasing. Groundwater elevation data collected from the monitoring wells suggests that groundwater flow directions was to the northeast. Based on the limited amount of soil and groundwater contamination and lack of off-site contamination, the Wisconsin Department of Commerce (WDCOM) closed the site on November 26, 2001, with a groundwater use restriction due to the presence of residual soil and groundwater contamination.
- An initial groundwater sample collected from a groundwater monitoring well located north of the Cenex Station on UW Stout property (MW-4) detected tetrachloroethene (PCE) and trichloroethene (TCE) at concentrations exceeding their NR 140 enforcement standards (ES). Follow up sampling for PCE and TCE was not continued during this investigation.

The scope of the initial Phase II work for this project included the advancement of one soil boring, two soil gas borings, and one sub-slab vapor probe inside the building. One soil sample, two outside soil

gas samples, and one sub-slab vapor sample were analyzed for volatile organic compounds (VOCs). The measured results did not exceed regulatory criteria, except for the following:

- PCE concentration exceeding the soil to groundwater residual contaminant level (RCL) of 0.0036 parts per million (ppm) was detected in soil samples GP-1 (0.04 ppm) at a depth of 14-16 feet bgs.

Laboratory analyses of the soil gas samples detected various VOCs; however, the measured results did not exceed the WDNR's calculated Vapor Risk Screening Levels (VRSLs) for small commercial buildings.

On behalf of the property owner, AET submitted all investigation results to the WDNR and requested a review under a Technical Assistance, Environmental Liability Clarification Request. The purpose of this letter was to provide the property owner with clarifications as to environmental liabilities and current environmental conditions at the Site. Based on its review of the Phase II Investigation, the WDNR has determined that additional investigation or response actions are required. The WDNR was notified of the soil contamination exceedance and in a July 29, 2021, letter, the WDNR also requested that a site investigation be completed to determine the degree and extent of the soil contamination.

3.0 SITE INVESTIGATION ACTIVITIES

3.1 Scope of Services

The scope of this investigation was defined in an AET proposal agreement with Quarters Unlimited approved on May 18, 2021. The implemented scope of services included the following activities:

- Provided the client with information regarding the extent and degree of known soil and groundwater contamination found on the Site.
- Reviewed all available site background information and prepared and submitted a work plan to the WDNR project manager for their approval.
- Observed and documented the completion of six push probe soil borings on the Site to depths of 20 to 24 feet bgs to define the extent of soil contamination. Collected continuous soil samples from each boring and described them according to the Unified Soil Classification System. Field screened soil samples for organic vapors with a photoionization detector (PID) equipped with a 10.6 eV lamp and observed the soil samples for obvious indicators of contamination (obvious odors, stains, discoloration, presence of debris, etc.).
- Collected 12 soil samples from the borings and analyzed for VOCs.
- Observed and documented the construction and development of six groundwater monitoring wells to define the extent of groundwater contamination. Two wells are 20 feet deep and four are 24 feet deep. The wells were installed and developed in accordance with Chapter NR 141 of the WAC.

- Surveyed the wells into a local datum.
- Collected three rounds of groundwater samples from the monitoring wells. Each sample was analyzed for VOCs. Groundwater elevation measurements were collected from all the monitoring wells.
- Prepared and submitted this report to the Client and the WDNR to document soil and groundwater sampling results.

The soil borings and groundwater monitoring wells were completed to determine the horizontal extent and degree of known soil and groundwater contamination. Soil boring locations (denoted as GP-2 through GP-7) and monitoring well locations (denoted as MW-1 through MW-6) are shown on **Figure 2**.

3.2 Environmental Sampling Methods

AET conducted monitoring well installation, and soil and groundwater sampling using the methods described on the Environmental Sampling Methods pages in **Appendix B**.

The soil samples were collected from a truck mounted Geoprobe® direct push sampler and screened in the field using a PID equipped with a 10.6 electron volt (eV) lamp to measure organic vapors in ppm. Results were recorded on the boring logs in **Appendix C**. Obvious odors and visual evidence of contamination were also noted. Soil samples for laboratory analysis were placed into laboratory-supplied containers, preserved as required, and placed in a cooler on ice prior to transport to the laboratory with the chain of custody record.

AET converted six of the soil borings to groundwater monitoring wells (MW-1 through MW-6), located as shown on **Figure 2**. Well depths ranged from 20 to 24 feet deep and have a 15-foot screen intersecting the water table. The wells were installed and developed according to Chapter NR 141 of the Wisconsin Administrative Code (WAC). Specific screen depths and well information are included in the monitoring well construction forms (4400-113A) and well development forms (4400-113B) included in **Appendix C**.

AET collected three rounds of groundwater samples from all the groundwater monitoring wells by purging each well and collecting a sample using a disposable bailer. Prior to sampling, water levels were measured in each well using an electronic water level indicator. Water levels were referenced to top of collar elevation to determine the elevation of the water table at the time of sampling. Bailer contents were emptied into the appropriately preserved containers, and all samples were placed in a cooler on ice to transport to the laboratory with the chain of custody record.

AET submitted soil and groundwater samples to Eurofins Test America laboratory for chemical analysis of VOCs. Samples were collected in accordance with AET's Quality Assurance/Quality Control (QA/QC) guidelines. The laboratory analytical reports and chain-of-custody records are provided in **Appendix D**.

3.3 Reference Standards

For this report, we compared the analytical results to the baseline environmental regulatory standards in use by the WDNR. The reference standards are included in the results tables for comparison with assessment results. The media-specific standards are described below. The following reference standards apply to potential contaminant exposures in soils and groundwater:

- PID Screening Criterion: The practical detection limit of a PID is considered to be 1 ppm, although ambient environmental conditions during sampling may result in higher background measurements.
- WDNR NR 720 soil industrial direct contact RCLs spreadsheet: Compound-specific values for the protection of human health from direct contact.
- WDNR NR 720 soil non-industrial direct contact RCLs spreadsheet: Compound-specific values for the protection of human health from direct contact.
- WDNR NR 720 soil to groundwater RCLs spreadsheet: Compound-specific values for protection of groundwater.
- WAC NR 140 Groundwater Quality Standards.

4.0 PROJECT RESULTS

4.1 Field Observations

AET performed the field exploration and soil sampling for this investigation on September 14, 2021, and May 10, 2022. The observational data collected during field exploration activities at the Site are included on the soil boring logs and monitoring well construction and development forms in **Appendix C**.

Soils encountered at the Site are primarily non-waste fill (sand with varying amounts of silt and gravel) from the surface to approximately five feet below ground surface (bgs). Below the fill is coarse alluvium consisting of silty sand with varying amounts of silt and gravel to about 13 feet bgs. Below the coarse alluvium is fine alluvium consisting of silty and lean clay with layers of silty sand or clayey silt. Soil samples were generally moist, and groundwater was encountered at depths of approximately 18 to 20 feet bgs. Obvious indications of potential environmental impacts such as staining, or odor were not observed in the soils from the borings. Soil boring and monitoring well locations are depicted on **Figure 2**.

We observed PID readings of less than one ppm in all six soil borings. Results of less than one ppm are considered background levels. Soil sample screening results appear on **Table 1** and on the boring logs in **Appendix C**.

Groundwater samples were collected on September 15, 2021, and on May 10, August 2, and November 1, 2022. Depth to groundwater was measured prior to purging and sampling each well. Measured depth to groundwater ranged from approximately 9 to 14 feet bgs in the monitoring wells sampled. Groundwater elevation data is summarized in **Table 2**. Free product was not observed in any of the wells during the sampling events.

4.2 Laboratory Analysis

Appendix D includes the laboratory analytical reports and chains-of-custody for this site investigation. The sections below summarize the laboratory results.

4.2.1 Soil Analytical Results

Table 1 summarizes the historical results of laboratory analyses performed on soil samples. The soil results are reported in mg/kg, which is equivalent to ppm. The reference standards are included on the table for comparison and evaluation of impacts. Based on land use and site zoning, the non-industrial direct contact RCLs apply to this investigation.

Twelve soil samples were analyzed for VOCs for this investigation. Laboratory analyses detected VOC in two of the twelve soil samples analyzed. Based on the measured depth to groundwater (9 to 14 feet) the measured results did not exceed regulatory criteria and are associated with the impacted groundwater smear zone.

4.2.2 Groundwater Analytical Results

Groundwater elevations and groundwater sample results from this investigation are summarized in **Tables 2 and 3**, respectively.

The WDNR established groundwater preventive action limits (PALs) and ESs for selected compounds that are listed in WAC NR 140. If a contaminant concentration exceeds the PAL, the WDNR may require monitoring or additional investigation. If the concentration exceeds the ES, the WDNR may require monitoring or remediation.

The latest round of groundwater samples was collected on November 1, 2022. The measured results did not exceed regulatory criteria, except for the following:

- PCE concentrations exceeding its 5 parts per billion (ppb) ES were detected in MW-2 (6.9 ppb), MW-3 (290 ppb), and MW-6 (15 ppb).
- PCE concentrations exceeding its 0.5 ppb PAL were detected in MW-1 (4.3 ppb) and MW-5 (1.6 ppb).
- TCE concentrations exceeding its 0.5 ppb PAL were detected in MW-3 (1.5 ppb) and MW-6 (1.6 ppb).

No VOCs were detected in groundwater monitoring well MW-4 at concentrations exceeding regulatory criteria during each of the May and August 2022 sampling events. Groundwater analytical results are summarized in **Table 3** and the estimated extent of groundwater impacts is depicted in **Figures 4, 5, and 6**.

5.0 DISCUSSION AND OPINIONS

5.1 Soil Contamination Conditions

Soils encountered at the Site are primarily non-waste fill (sand with varying amounts of silt and gravel) from the surface to approximately five feet bgs. Below the fill is coarse alluvium consisting of silty sand with varying amounts of silt and gravel to about 13 feet bgs. Below the coarse alluvium is fine alluvium consisting of silty and lean clay with layers of silty sand or clayey silt. No staining, odors or evidence of contamination were noted from the soil borings. Field screening of the soils in the borings did not detect concentrations of organic vapors above background levels.

The results of our investigation have demonstrated that low concentrations of PCE were detected in soil samples collected at depths of 14 to 16 feet bgs and are associated with the impacted groundwater smear zone.

5.2 Groundwater Contamination Conditions

Groundwater contaminated with PCE and TCE at levels exceeding the WDNR ES remains on and off-site in an area that is approximately 300 feet by 75 feet. This overall area includes the areas of groundwater monitoring wells MW-2, MW-3, and MW-6. The direction of groundwater flow is variable, but measured toward the west in September 2021, and predominantly to the north or northeast in three subsequent groundwater monitoring events from May 2022 to November 2022. The extent of groundwater contamination may extend to the adjacent UW-Stout paved parking lot to the north of the Site.
The extent of groundwater contamination is depicted on **Figures 4, 5, and 6**.

5.3 Potential Receptors

The Site is located within a commercial area in the City of Menomonie and is served by municipal sanitary sewer and water supply systems. Potential receptors of contamination include the subsurface soils and groundwater. Utility corridors that would allow horizontal migration of contaminants are not located within the extent of groundwater contamination. There were no other pathways or receptors identified, such as sensitive environments, plant uptake, or food chain.

5.4 Vapor Intrusion Pathway Screening

Soil vapor investigation was previously completed at the Site in May 2021. Laboratory analyses detected various VOCs in three soil gas samples analyzed. The measured results did not exceed the WDNR's calculated vapor risk screening levels (VRSL) for small commercial buildings. Because these

soil gas samples were taken below a layer of asphalt, it's appropriate to compare these results to the sub-slab VRSLs. The results of the three soil gas samples did not exceed the sub-slab VRSLs or the calculated VRSLs. Concentrations of VOCs were not detected exceeding sub-slab VRSLs in SSV-1 (the sub-slab vapor sample). Further soil vapor investigation is not recommended at this time.

5.5 Evaluation of Emerging Contaminants

To comply with the WDNR request to evaluate emerging contaminants at the Site, AET presents the following statement regarding emerging contaminants, including perfluoroalkyl and polyfluoroalkyl substances (PFAS), 1,4-dioxane and others.

The Site is located in a commercial area of Menomonie and was residential prior to commercial development as a laundry facility in the 1960s. Prior to recent development this area was residential and commercially developed since at least the late 1930s. No facilities that would typically manage or dispose of chemicals containing PFAS were identified on the Site.

The results of our investigation have demonstrated that concentrations of VOCs are present in the groundwater on the western portion of the Site.

Based on the known Site history, all potential contaminants associated with a hazardous substance discharge and/or environmental pollution, including emerging contaminants, have been evaluated at the Site. There is no indication that any products containing emerging contaminants, including PFAS, are present or were produced, used, handled, or stored at the Site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The results of our investigation have demonstrated that low concentrations of PCE were detected in soil samples collected at depths of 14 to 16 feet bgs and are associated with the impacted groundwater smear zone.

Groundwater contaminated with VOCs at levels exceeding the ES remains on and off-site in an area that is approximately 300 feet by 75 feet. This overall area includes the areas of groundwater monitoring wells MW-2, MW-3, and MW-6. The direction of groundwater flow is variable, but measured toward the west in September 2021, and predominantly to the north or northeast in three subsequent groundwater monitoring events from May 2022 to November 2022. The extent of groundwater contamination may extend to the adjacent UW-Stout paved parking lot to the north of the Site.

Due to the lack of identified risk receptors downgradient, AET recommends that the remaining groundwater contamination be allowed to naturally attenuate. Based on these results, AET recommends the WDNR review the site for closure. AET will submit a closure application, GIS Registry packet, and off-site notifications.

7.0 REPORT CLOSURE

7.1 Standard of Care

AET has endeavored to perform services for this project in a manner consistent with the level of skill and care ordinarily exercised by other members of the profession currently practicing in this area, under similar budgetary and time constraints. No additional warranty, express or implied, is made.

This report is based on our current understanding of the project and conditions at the Site. If conditions differing from our original understanding or findings are identified, AET should be consulted to determine if there are material impacts on our conclusions or recommendations.

8.0 QUALIFICATIONS AND SIGNATURES

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.

Report Prepared By:

Michael K. Neal
Professional Hydrologist/Geomorphologist

Report Reviewed By:

Dennis McComas, PG
Senior Geologist

“I, Michael K. Neal, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of Ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of Ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in Chs. NR 700 to 726, Wis. Adm. Code.”

Tables

TABLE 1

ANALYTICAL RESULTS - SOIL

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	Soil RCLs (ppm) Calculated:				Samples													
					GP-1	**GP-2A**	**GP-2B**	**GP-2C**	**GP-3A**	**GP-3B**	**GP-3C**	**GP-4A**	**GP-4B**	**GP-4C**	**GP-5**	**GP-6**	**GP-7**	**MEOH Blank**
Date	*Non-Industrial Direct Contact*	*Industrial Direct Contact*	*Soil to GW*	*Surficial Background Threshold Value*	5/20/21	9/14/21									5/10/22			
Depth (feet)					14-16	2-4	14-16	22-24	2-4	14-16	18-20	2-4	14-16	18-20	14-16			---
Location					GP-1	GP-2/MW-1			GP-3/MW-2			GP-4/MW-3			GP-5	GP-6	GP-7	---
PID (Instrument units)					4.5	0.0	0.1			0.0	0.1				0.0			---
Saturated (S) / Unsaturated (U)					S	U	S		U	S		U	S					---
Depth to Water Table (ft bgs)					9-14													---
Soil Type					clayey silt	sand & gravel	clayey silt	sand/gravel/clay	sand & gravel	clayey silt	clay	sand & gravel	sand/gravel/silt	clay	clayey silt			---
VOCs (ppm)																		
Methylene chloride**	*61.8*	*1,150*	*0.0026*	---	< 0.013	< 0.096	< 0.087	< 0.094	< 0.098	< 0.12	< 0.12	< 0.089	< 0.12	< 0.12	0.047*	0.063*	0.052*	0.042*
PCE	*33*	*145*	*0.0045*	---	0.4	< 0.022	< 0.02	< 0.021	< 0.022	0.042*	< 0.028	< 0.02	0.53	*2.2*	< 0.083	< 0.095	< 0.089	< 0.076
TCE	*1.3*	*8.41*	*0.0036*	---	< 0.013	< 0.0097	< 0.0087	< 0.0094	< 0.0099	< 0.013	0.14	< 0.009	< 0.012	< 0.012	< 0.057	< 0.065	< 0.061	< 0.052
Toluene	*818*	*818*	*1.107*	---	0.03	< 0.0087	< 0.0078	< 0.0084	< 0.0089	< 0.011	< 0.011	< 0.0081	< 0.011	< 0.011	< 0.037	< 0.042	< 0.039	< 0.034
No. of Individual Exceedances (DC)					NA	0	NA	NA	0	NA	NA	0	NA	NA	NA	NA	NA	---
Cumulative Hazard Index (DC)					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	---
Cumulative Cancer Risk (DC)					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	---

--- = not analyzed or no standard NA = not applicable PCE = tetrachloroethene/tetrachloroethylene ppm = parts per million RCL = residual contaminant level TCE = trichloroethene/trichloroethylene

* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value. VOC = volatile organic compound

Bold areas indicate soil contaminant concentrations exceed Non-Industrial Direct Contact RCLs.

<u>Underline</u> areas indicate soil contaminant concentrations exceed Industrial Direct Contact RCLs.

Italic areas indicate soil contaminant concentrations exceed Groundwater RCL.

Only VOCs detected are listed in the table. ** = Methylene chloride is a common laboratory contaminant.

TABLE 2

GROUNDWATER ELEVATIONS

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

Well Number	Date	Well Depth	TOC Elevation	Depth to Water	Water Table Elevation
MW-1	September 15, 2021	24.00	99.63	10.90	88.73
	September 23, 2021			10.96	88.67
	May 10, 2022			10.72	88.91
	August 2, 2022			11.24	88.39
	November 1, 2022			11.46	88.17
MW-2	September 15, 2021	20.00	100.46	11.64	88.82
	September 23, 2021			11.73	88.73
	May 10, 2022			11.48	88.98
	August 2, 2022			11.93	88.53
	November 1, 2022			12.12	88.34
MW-3	September 15, 2021	20.00	100.47	17.52	82.95
	September 23, 2021			13.44	87.03
	May 10, 2022			12.84	87.63
	August 2, 2022			12.96	87.51
	November 1, 2022			13.51	86.96
MW-4	May 11, 2022	20.00	101.48	10.78	90.70
	August 2, 2022			12.46	89.02
	November 1, 2022			13.25	88.23
MW-5	May 11, 2022	20.00	99.74	9.15	90.59
	August 2, 2022			9.97	89.77
	November 1, 2022			10.30	89.44
MW-6	May 11, 2022	20.00	97.12	9.85	87.27
	August 2, 2022			10.00	87.12
	November 1, 2022			10.03	87.09

TABLE 3 (page 1 of 6)

ANALYTICAL RESULTS - GROUNDWATER

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	MW-1				*NR 140 Remedial Action Limits*	
Date	9/15/21	5/10/22	8/2/22	11/1/22		
Elevation (ft)	88.73	88.91	88.39	88.17		
ANALYTE					*ES*	*PAL*
VOCs (ppb)						
Benzene	< 0.15	< 0.15	< 0.15	< 0.15	*5*	*0.5*
cis-1,2-Dichloroethene	< 0.41	< 0.41	< 0.41	< 0.41	*70*	*7*
Ethylbenzene	< 0.18	< 0.18	< 0.18	< 0.18	*700*	*140*
Naphthalene	< 0.34	< 0.34	0.7*B	< 0.34	*100*	*10*
PCE	*3.2*	*2.3*	*4.2*	*4.3*	*5*	*0.5*
1,2,4- & 1,3,5-TMB	< 0.34	< 0.36	1.57*B	< 0.36	*480*	*96*
TCE	< 0.16	< 0.16	< 0.16	< 0.16	*5*	*0.5*
Total Xylenes	< 0.22	< 0.22	0.32*	< 0.22	*2,000*	*400*

--- = not analyzed or no standard

MTBE = methyl tert-butyl ether

Well Depth (feet): 24

ppb = parts per billion

PCE = tetrachloroethene/tetrachloroethylene

TOC Elevation (feet): 99.63

TCE = trichloroethene/trichloroethylene

TMB = trimethylbenzene

Date Installed: 14-Sep-21

VOC = volitile organic compounds

Only VOCs detected are listed in the tab

Screen Length (feet): 15

* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Bold numbers indicate concentrations above the ES outlined in NR 140.10.

Italic numbers indicate concentrations above the PAL outlined in NR 140.10.

TABLE 3 (page 2 of 6)

ANALYTICAL RESULTS - GROUNDWATER

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	MW-2				*NR 140 Remedial Action Limits*	
Date	9/15/21	5/10/22	8/2/22	11/1/22		
Elevation (ft)	88.82	88.98	88.53	88.34		
ANALYTE					*ES*	*PAL*
VOCs (ppb)						
Benzene	< 0.15	< 0.15	< 0.15	< 0.15	*5*	*0.5*
cis-1,2-Dichloroethene	< 0.41	< 0.41	< 0.41	< 0.41	*70*	*7*
Ethylbenzene	< 0.18	< 0.18	< 0.18	< 0.18	*700*	*140*
Naphthalene	< 0.34	< 0.34	< 0.34	< 0.34	*100*	*10*
PCE	***12***	*4.8*	***8.3***	***6.9***	*5*	*0.5*
1,2,4- & 1,3,5-TMB	< 0.36	< 0.36	0.77*B	< 0.36	*480*	*96*
TCE	0.24*	< 0.16	< 0.16	< 0.16	*5*	*0.5*
Total Xylenes	< 0.22	< 0.22	0.31*	< 0.22	*2,000*	*400*

--- = not analyzed or no standard

MTBE = methyl tert-butyl ether

Well Depth (feet): 20

ppb = parts per billion

PCE = tetrachloroethene/tetrachloroethylene

TOC Elevation (feet): 100.46

TCE = trichloroethene/trichloroethylene

TMB = trimethylbenzene

Date Installed: 14-Sep-21

VOC = volitile organic compounds

Only VOCs detected are listed in the tab

Screen Length (feet): 10

* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Bold numbers indicate concentrations above the ES outlined in NR 140.10.

Italic numbers indicate concentrations above the PAL outlined in NR 140.10.

TABLE 3 (page 3 of 6)

ANALYTICAL RESULTS - GROUNDWATER

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	MW-3				*NR 140 Remedial Action Limits*	
Date	9/15/21	5/10/22	8/2/22	11/1/22		
Elevation (ft)	82.95	87.63	87.51	86.96		
ANALYTE					*ES*	*PAL*
VOCs (ppb)						
Benzene	0.31*	< 2.9	< 0.15	< 0.15	*5*	*0.5*
cis-1,2-Dichloroethene	< 0.41	< 0.41	< 0.41	< 0.41	*70*	*7*
Ethylbenzene	< 0.18	< 3.7	< 0.18	< 0.18	*700*	*140*
Naphthalene	0.36*	< 6.7	0.66*B	< 0.34	*100*	*10*
PCE	***560***	***300***	***94***	***290***	*5*	*0.5*
1,2,4- & 1,3,5-TMB	0.64*	< 7.2	0.75*B	< 0.36	*480*	*96*
TCE	***20***	***30***	*0.54*	*1.5*	*5*	*0.5*
Total Xylenes	< 0.22	< 4.4	< 0.22	< 0.22	*2,000*	*400*

--- = not analyzed or no standard

MTBE = methyl tert-butyl ether

ppb = parts per billion

PCE = tetrachloroethene/tetrachloroethylene

TCE = trichloroethene/trichloroethylene

TMB = trimethylbenzene

VOC = volitile organic compounds

Only VOCs detected are listed in the tab

Well Depth (feet): 20

TOC Elevation (feet): 100.47

Date Installed: 14-Sep-21

Screen Length (feet): 10

* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Bold numbers indicate concentrations above the ES outlined in NR 140.10.

Italic numbers indicate concentrations above the PAL outlined in NR 140.10.

TABLE 3 (page 4 of 6)

ANALYTICAL RESULTS - GROUNDWATER

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	MW-4			*NR 140 Remedial Action Limits*	
Date	5/11/22	8/2/22	11/1/22		
Elevation (ft)	90.70	89.02	88.23		
ANALYTE				*ES*	*PAL*
VOCs (ppb)					
Benzene	< 0.15	< 0.15	< 0.15	*5*	*0.5*
cis-1,2-Dichloroethene	< 0.41	< 0.41	< 0.41	*70*	*7*
Ethylbenzene	< 0.18	< 0.18	< 0.18	*700*	*140*
Naphthalene	0.47*	0.66*B	< 0.34	*100*	*10*
PCE	< 0.37	< 0.37	< 0.37	*5*	*0.5*
1,2,4- & 1,3,5-TMB	< 0.36	0.73*B	< 0.36	*480*	*96*
TCE	< 0.16	< 0.16	< 0.16	*5*	*0.5*
Total Xylenes	< 0.22	< 0.22	< 0.22	*2,000*	*400*

--- = not analyzed or no standard

ppb = parts per billion

TCE = trichloroethene/trichloroethylene

VOC = volitile organic compounds

MTBE = methyl tert-butyl ether

PCE = tetrachloroethene/tetrachloroethylene

TMB = trimethylbenzene

Well Depth (feet): 24

TOC Elevation (feet): 99.63

Date Installed: 14-Sep-21

Screen Length (feet): 15

Only VOCs detected are listed in the table.

* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Bold numbers indicate concentrations above the ES outlined in NR 140.10.

Italic numbers indicate concentrations above the PAL outlined in NR 140.10.

TABLE 3 (page 5 of 6)

ANALYTICAL RESULTS - GROUNDWATER

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	MW-5			*NR 140 Remedial Action Limits*	
Date	5/11/22	8/2/22	11/1/22		
Elevation (ft)	90.59	89.77	89.44		
ANALYTE				*ES*	*PAL*
VOCs (ppb)					
Benzene	< 0.15	< 0.15	< 0.15	*5*	*0.5*
cis-1,2-Dichloroethene	< 0.41	< 0.41	< 0.41	*70*	*7*
Ethylbenzene	< 0.18	< 0.18	< 0.18	*700*	*140*
Naphthalene	0.34*	< 0.34	< 0.34	*100*	*10*
PCE	*3.4*	*1.4*	*1.6*	*5*	*0.5*
1,2,4- & 1,3,5-TMB	***0.94****	< 0.36	< 0.36	*480*	*96*
TCE	*0.51*	< 0.16	< 0.16	*5*	*0.5*
Total Xylenes	0.85*	< 0.22	< 0.22	*2,000*	*400*

--- = not analyzed or no standard

MTBE = methyl tert-butyl ether

Well Depth (feet): 24

ppb = parts per billion

PCE = tetrachloroethene/tetrachloroethylene

TOC Elevation (feet): 99.63

TCE = trichloroethene/trichloroethylene

TMB = trimethylbenzene

Date Installed: 14-Sep-21

VOC = volitile organic compounds

Screen Length (feet): 15

Only VOCs detected are listed in the table.

* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

Bold numbers indicate concentrations above the ES outlined in NR 140.10.

Italic numbers indicate concentrations above the PAL outlined in NR 140.10.

TABLE 3 (page 6 of 6)

ANALYTICAL RESULTS - GROUNDWATER

LAUNDROMAT PROPERTY SITE, MENOMONIE, WISCONSIN

AET PROJECT NO. P-0011071

	MW-6			*NR 140 Remedial Action Limits*	
Date	5/11/22	8/2/22	11/1/22		
Elevation (ft)	87.27	87.12	87.09		
ANALYTE				*ES*	*PAL*
VOCs (ppb)					
Benzene	< 0.15	< 0.15	< 0.15	*5*	*0.5*
Chloroform**	3.2	1.2*	0.9*	*6*	*0.6*
cis-1,2-Dichloroethene	< 0.41	< 0.41	0.6*	*70*	*7*
Ethylbenzene	0.2*	< 0.18	< 0.18	*700*	*140*
Naphthalene	< 0.34	< 0.34	< 0.34	*100*	*10*
PCE	***29***	***34***	***15***	*5*	*0.5*
1,2,4- & 1,3,5-TMB	0.58*	< 0.36	< 0.36	*480*	*96*
TCE	*1.6*	*3.1*	*1.6*	*5*	*0.5*
Total Xylenes	0.77*	< 0.22	< 0.22	*2,000*	*400*

--- = not analyzed or no standard

MTBE = methyl tert-butyl ether

ppb = parts per billion

PCE = tetrachloroethene/tetrachloroethylene

TCE = trichloroethene/trichloroethylene

TMB = trimethylbenzene

VOC = volitile organic compounds

Well Depth (feet): 24

TOC Elevation (feet): 99.63

Date Installed: 14-Sep-21

Screen Length (feet): 15

Only VOCs detected are listed in the table.

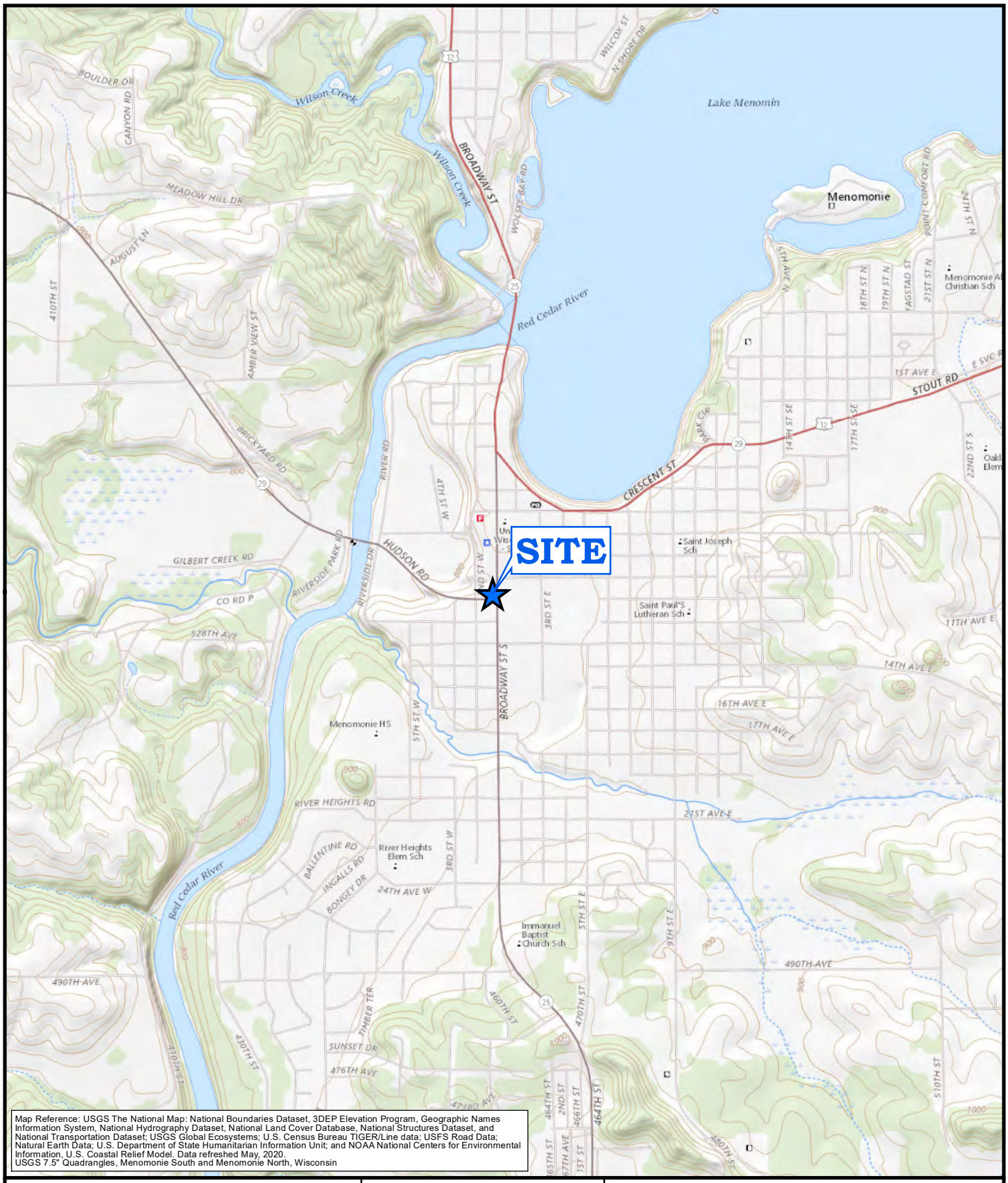
* = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

Bold numbers indicate concentrations above the ES outlined in NR 140.10.

Italic numbers indicate concentrations above the PAL outlined in NR 140.10.

** = Chloroform is a common laboratory contaminant.

Figures



AMERICAN ENGINEERING TESTING

N

0 1,000 2,000

Feet

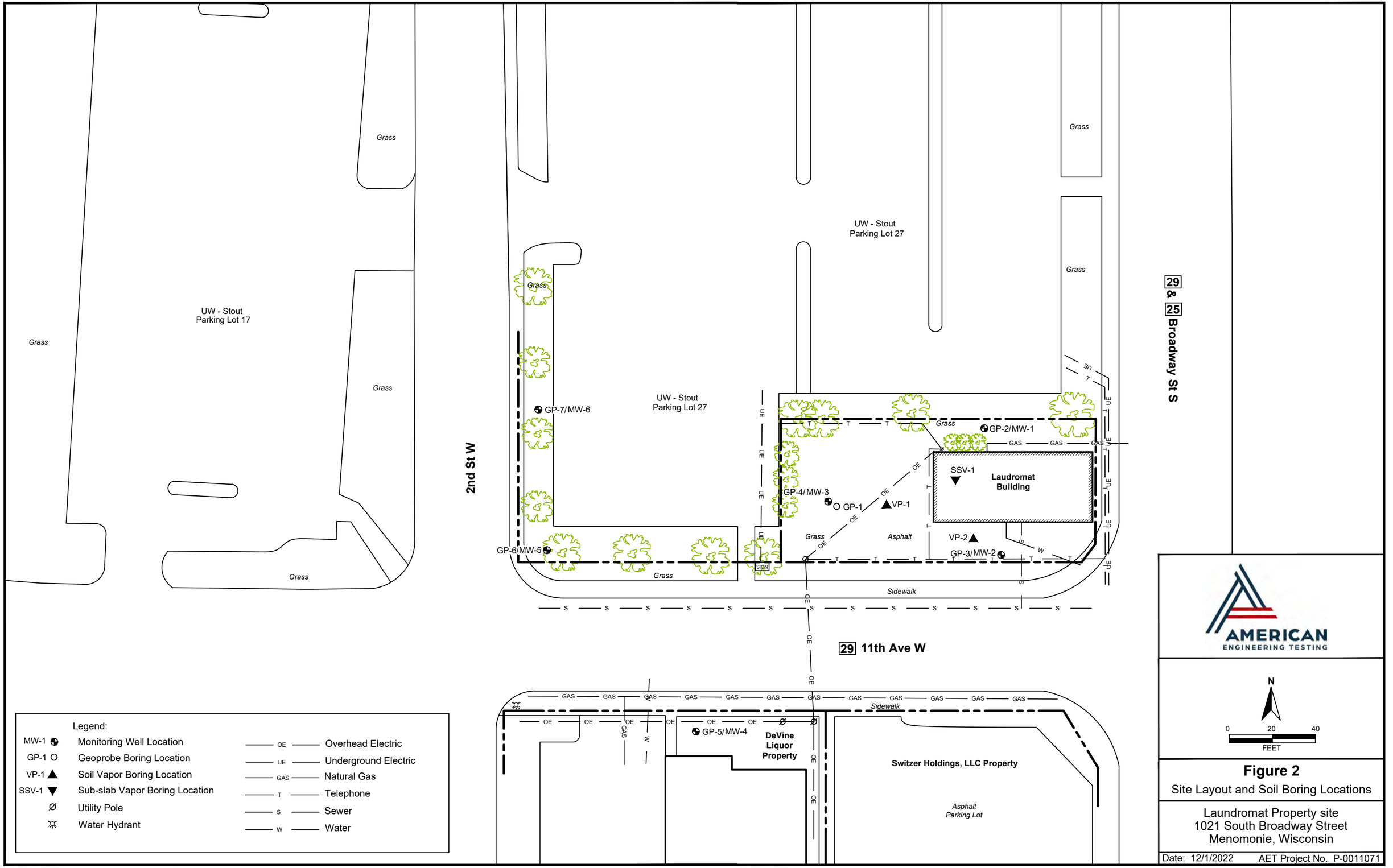
Figure 1
Site Location Map

Site Investigation

Laundromat Property site
1021 South Broadway Street
Menomonie, Wisconsin

Date: 11/17/2022 AET Project No. P-0011071

File: 1021_SBdway_P2_F1_SLM.mxd PO 17938-1351



Legend:

MW-1	Monitoring Well Location	OE	Overhead Electric
GP-1	Geoprobe Boring Location	UE	Underground Electric
VP-1	Soil Vapor Boring Location	GAS	Natural Gas
SSV-1	Sub-slab Vapor Boring Location	T	Telephone
	Utility Pole	S	Sewer
	Water Hydrant	W	Water

AMERICAN ENGINEERING TESTING

N

0 20 40

FEET

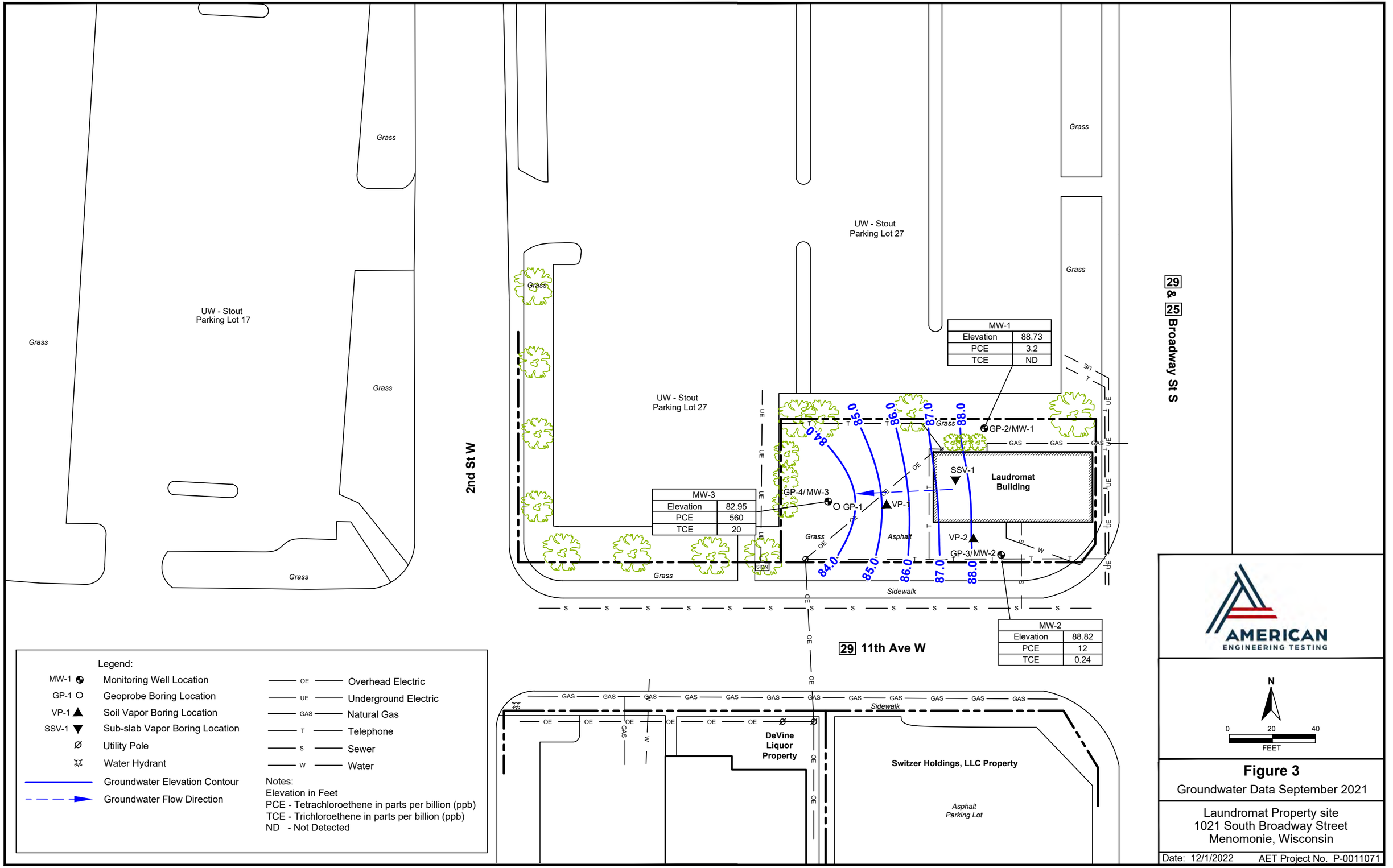
Figure 2

Site Layout and Soil Boring Locations

Laundromat Property site
1021 South Broadway Street
Menomonie, Wisconsin

Date: 12/1/2022 AET Project No. P-0011071

File: 1122_1021SBroadway.dwg F2_SitePlan PO 17938-1018



Legend:

MW-1	Monitoring Well Location	OE	Overhead Electric
GP-1	Geoprobe Boring Location	UE	Underground Electric
VP-1	Soil Vapor Boring Location	GAS	Natural Gas
SSV-1	Sub-slab Vapor Boring Location	T	Telephone
	Utility Pole	S	Sewer
	Water Hydrant	W	Water
	Groundwater Elevation Contour		
	Groundwater Flow Direction		

Notes:
Elevation in Feet
PCE - Tetrachloroethene in parts per billion (ppb)
TCE - Trichloroethene in parts per billion (ppb)
ND - Not Detected

AMERICAN ENGINEERING TESTING

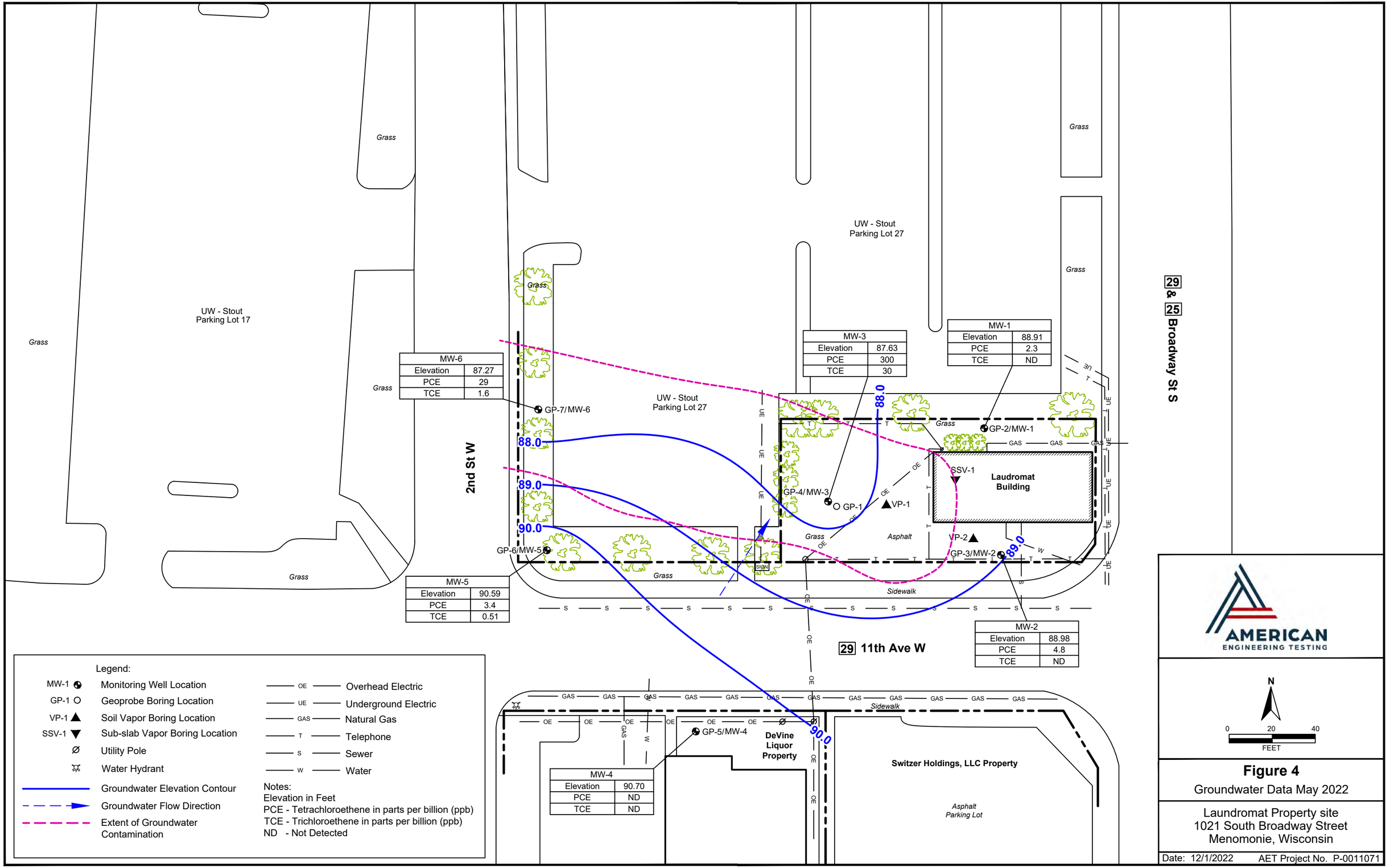
Figure 3

Groundwater Data September 2021

Laundromat Property site
1021 South Broadway Street
Menomonie, Wisconsin

Date: 12/1/2022 AET Project No. P-0011071

File: 1122_1021SBroadway.dwg F3_GWDataSept2021 PO 17938-1018



AMERICAN ENGINEERING TESTING

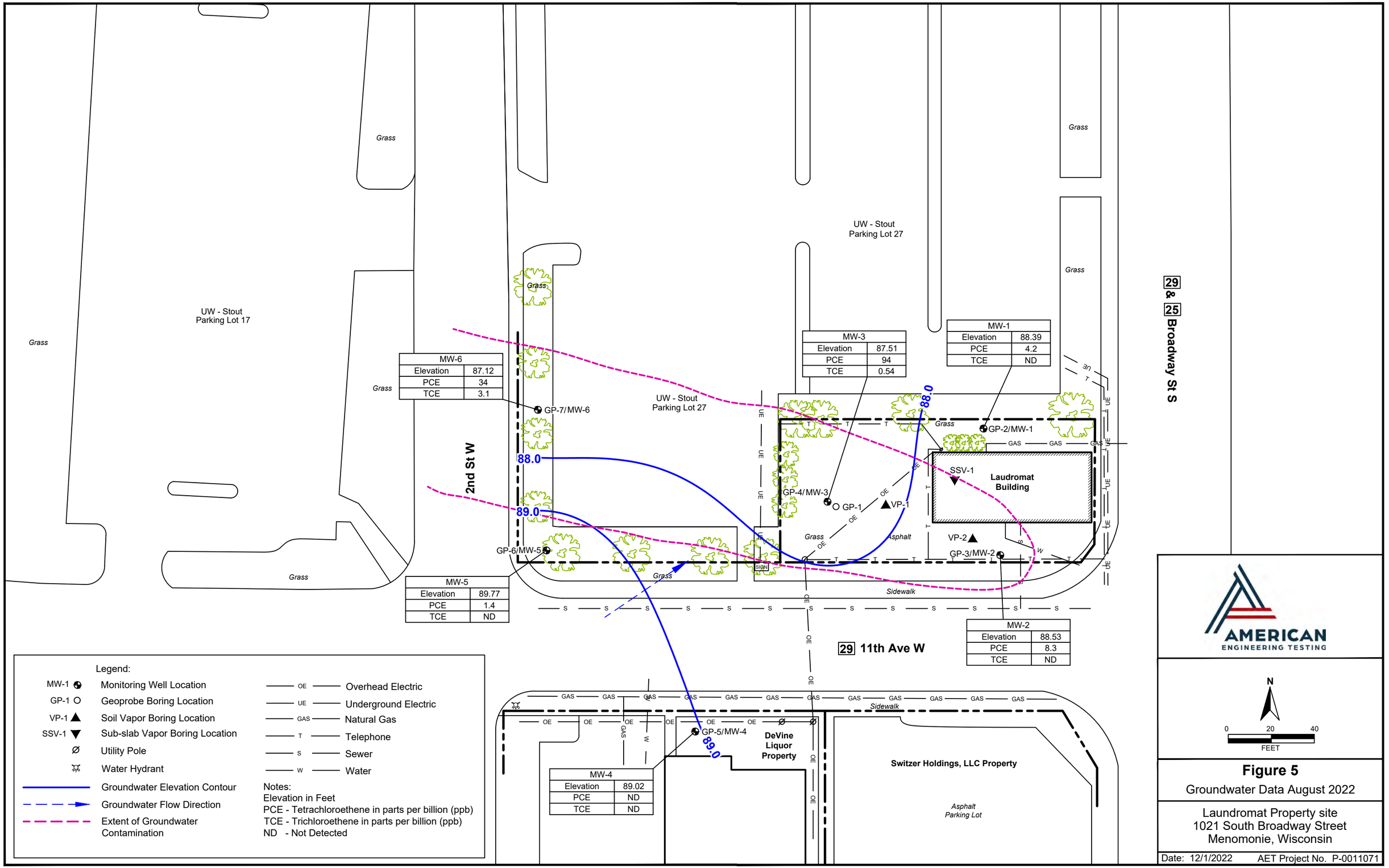
Figure 4

Groundwater Data May 2022

Laundromat Property site
1021 South Broadway Street
Menomonie, Wisconsin

Date: 12/1/2022 AET Project No. P-0011071

File: 1122_1021SBroadway.dwg F4_GWDataMay2022 PO 17938-1018



Legend:

MW-1	Monitoring Well Location
GP-1	Geoprobe Boring Location
VP-1	Soil Vapor Boring Location
SSV-1	Sub-slab Vapor Boring Location
	Utility Pole
	Water Hydrant
	Groundwater Elevation Contour
	Groundwater Flow Direction
	Extent of Groundwater Contamination
OE	Overhead Electric
UE	Underground Electric
GAS	Natural Gas
T	Telephone
S	Sewer
W	Water

Notes:
Elevation in Feet
PCE - Tetrachloroethene in parts per billion (ppb)
TCE - Trichloroethene in parts per billion (ppb)
ND - Not Detected

AMERICAN ENGINEERING TESTING

N

0 20 40
FEET

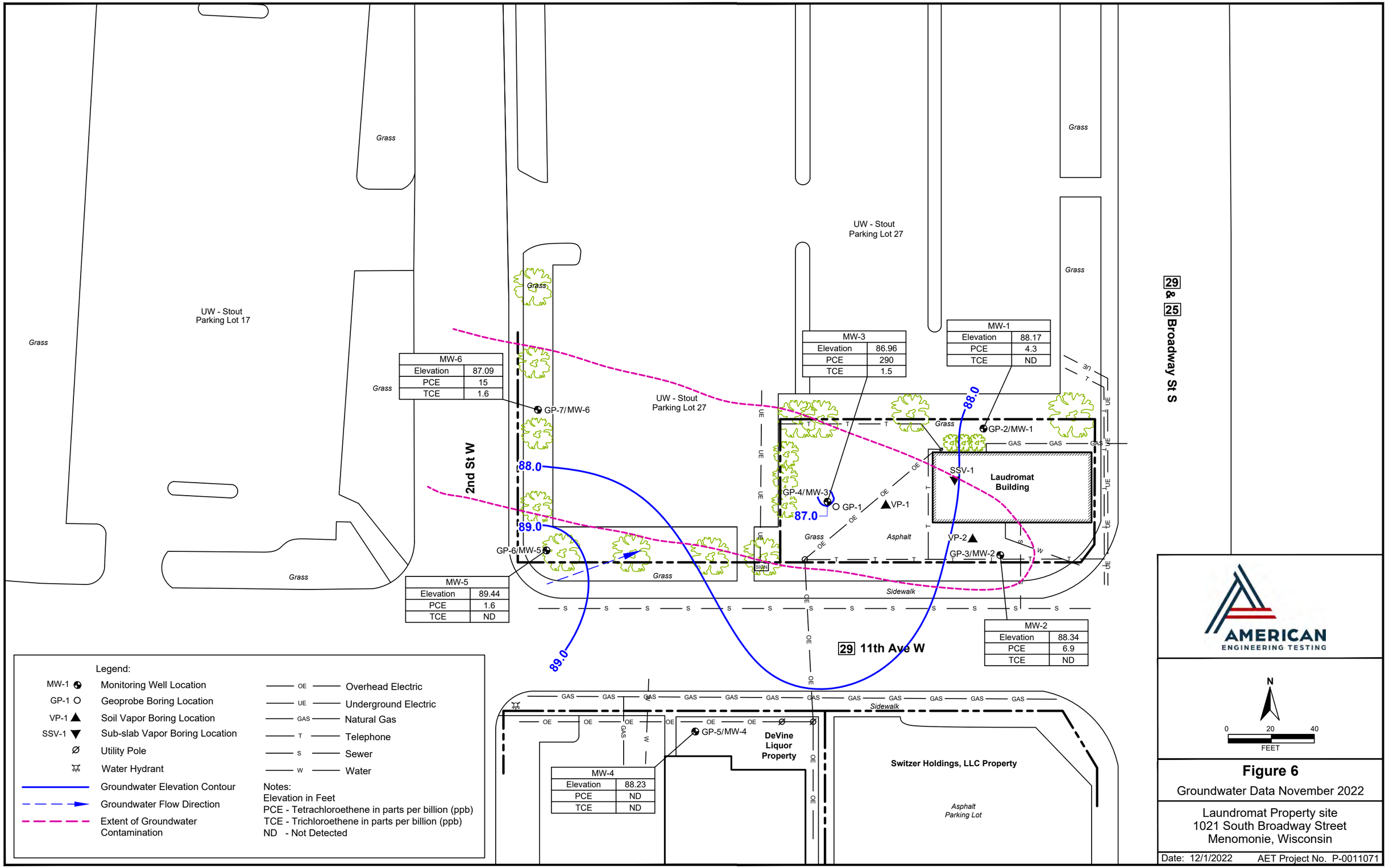
Figure 5

Groundwater Data August 2022

Laundromat Property site
1021 South Broadway Street
Menomonie, Wisconsin

Date: 12/1/2022 AET Project No. P-0011071

File: 1122_1021SBroadway.dwg F5_GWDataAug2022 PO 17938-1018



AMERICAN ENGINEERING TESTING

Figure 6

Groundwater Data November 2022

Laundromat Property site
1021 South Broadway Street
Menomonie, Wisconsin

Date: 12/1/2022 AET Project No. P-0011071

File: 1122_1021SBroadway.dwg F6_GWDataNov2022 PO 17938-1018

Appendix A

Acronyms/Abbreviations and Definitions

ACRONYMS / ABBREVIATIONS AND DEFINITIONS

AET Standard List

ºC	degrees Celsius
ºF	degrees Fahrenheit
%	percent
AAI	EPA All Appropriate Inquiry (§312.10 of 40 CFR 312)
ACM	asbestos containing material
ACBM	asbestos containing building material
AET	American Engineering Testing, Inc.
AHERA	Asbestos Hazard Emergency Response Act
AST	aboveground storage tank
ASTM	American Society for Testing and Materials (now known only by acronym)
AUL	activity and use limitation
BETX	benzene, ethylbenzene, toluene, xylene
bgs	below ground surface
BRRTS	Bureau of Remediation and Redevelopment Tracking System
CAP	Corrective Action Plan
CERCLA	Comprehensive Environmental Response, Compensation, Liability Act (Superfund)
CERCLIS	Comprehensive Environmental Response, Compensation, Liability Information System
CESQG	RCRA Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CLEAN	Contaminated Lands Environmental Action Network
CoC	contaminant of concern
c.o.c.	chain of custody
CORRACTS	RCRA Corrective Actions Information System
cPAH	carcinogenic polynuclear aromatic hydrocarbon
CVOC	chlorinated volatile organic compound
cy or CY	cubic yards
DRO	diesel range organics
EC	engineering control
EIS	Environmental Impact Statement
EP	Environmental Professional (§312.10 of 40 CFR 312)
EPA	Environmental Protection Agency (also USEPA)
ES	enforcement standard
ERIS	Environmental Risk Information Services
ERNS	Emergency Response Notification System (federal)
ESA	Environmental Site Assessment
FDM	Facilities Development Manual
f/cc	fibers per cubic centimeter
ft	feet
GC	gas chromatography
GC/MS	gas chromatography/mass spectroscopy

ACRONYMS / ABBREVIATIONS AND DEFINITIONS

AET Standard List

GEN	RCRA Generator
GIS	geographic information system
GPS	global positioning system
GRO	gasoline range organics
HASP	Health and Safety Plan
HIG	Historical Information Gatherers, Inc.
HMA	Hazardous Materials Assessment
HREC	historical recognized environmental condition
IC	institutional control
LLP	landowner liability protection
LQG	RCRA Large Quantity Generator
LOQ	limit of quantitation
LSI	Limited Site Investigation
LUST	leaking underground storage tank
MCL	EPA Maximum Contaminant Level
MDL	method detection limit.
mg/kg	milligrams per kilogram (ppm)
mg/L	milligrams per liter (ppm)
MTBE	methyl tert-butyl ether
NA	not assigned or not applicable
ND	no detection
NEPA	National Environmental Protection Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFA	No Further Action
NFRAP	No Further Remedial Action Planned
NLR	RCRA No Longer Regulated Information System
NPDES	National Pollutant Discharge Elimination System
NPL	National Priority List (federal Superfund)
NR	not recorded
ODI	EPA Open Dump Inventory
OSHA	Occupational Safety and Health Administration
PECFA	Petroleum Environmental Clean-Up Fund Act
PAH	polynuclear aromatic hydrocarbon
PAL	preventive action limit
PEL	OSHA Permissible Exposure Limit
PCB	polychlorinated biphenyl
pcm	point count method
PE	Professional Engineer
PG	Professional Geologist
PID	photoionization detector

ACRONYMS / ABBREVIATIONS AND DEFINITIONS

AET Standard List

PLM	polarized light microscopy
PLP	Permanent List of Priorities (state Superfund)
ppb	parts per billion
PPE	personal protective equipment
ppm	parts per million
PVOC	petroleum volatile organic compound
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
RACM	regulated asbestos containing material
RAP	Response Action Plan
RCRA	Resource Conservation Recovery Act
RCL	residual contaminant level
REC	recognized environmental condition
RI	Remedial Investigation
RL	laboratory reporting limit
ROD	EPA Record of Decision
RP	responsible party
SDS	safety data sheet
SOP	standard operating procedure
SPILLS	WDNR Spills inventory
SQG	RCRA Small Quantity Generator
SREC	suspect recognized environmental condition
SSP	Site Safety Plan
STH	State Highway
SVE	soil vapor extraction
SVOC	semi-volatile organic compound
SWF/LF	WDNR Solid Waste Facilities/Landfill Sites
TCLP	Toxicity Characteristic Leaching Procedure
TMB	trimethylbenzene
TPH	total petroleum hydrocarbons
TRIS	EPA Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	RCRA Transportation Storage and Disposal inventory
µg/kg	micrograms per kilogram (ppb)
µg/l or µg/L	micrograms per liter (ppb)
$\mu g/m^3$	micrograms per cubic meter
USEPA	United States Environmental Protection Agency (also EPA)
USGS	United States Geological Survey
UST	underground storage tank

ACRONYMS / ABBREVIATIONS AND DEFINITIONS

AET Standard List

VIC	Voluntary Investigation and Cleanup Program
VOC	volatile organic compound
WAC	Wisconsin Adminstrative Code
WCA	Wetland Conservation Act
WDATCP	Wisconsin Department of Agriculture, Trade, and Consumer Protection
WDHS	Wisconsin Department of Health Services
WDNR	Wisconsin Department of Natural Resources
WGNHS	Wisconsin Geological and Natural History Survey
WisDOT	Wisconsin Department of Transportation
WPDES	Wisconsin Pollution Discharge Elimination System
WRRD	Wisconsin Remediation and Redevelopment Database
XRF	x-ray fluorescence

DEFINITIONS

Controlled recognized environmental condition (CREC): a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

De minimus condition: a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimus conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Historical recognized environmental condition (HREC): a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Recognized environmental condition (REC): the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.

Appendix B

Environmental Sampling Methods

AET Project No. P-0011071

ENVIRONMENTAL SAMPLING METHODS – GENERAL: EXCAVATIONS/TEST PITS, HAND AUGERS, SURFICIAL SOILS, STOCKPILES

Site Safety Issues

Safety is of paramount importance on construction, demolition, or other high-traffic sites with potentially unstable ground. Frequent visual and verbal contact is maintained with operators of heavy equipment in the sampling vicinity. Care is taken not to enter depressions or scale mounds that would constitute confined spaces, where engulfment, immersion, or falls are possible, or where harmful vapors may collect. Most observations and soil collection are performed from a stable and level ground surface with the help of heavy equipment operated by an excavation contractor.

Contamination Reduction

Sampling devices (except heavy equipment in most cases) are cleaned between sampling points to minimize cross contamination. The cleaning procedure may consist of an alconox detergent-water wash using a brush, followed by a tap water rinse. Certain types of projects may entail more or less stringent decontamination procedures.

Soil Collection

Most soil samples from excavations or test pits are collected directly from heavy equipment (e.g., excavation bucket, loader, or bulldozer), giving preference to soils that have not touched the equipment. A hand auger is used to complete shallow soil borings in locations of limited vehicle access. Hand auger borings are advanced manually, typically in 6" to 12" depth intervals. Soils are collected directly from the hollow auger barrel. A spade shovel is used to collect surficial soils (i.e., up to 6" depth). In many cases, soil samples can be collected by hand without added equipment.

Impacted soils or buried debris may be present in the ground that are not observed due to the spacing and depths of sampling points. Best judgment determinations, based on known site conditions and past experience in similar situations, do not guarantee identification or removal of all impacts.

Soil Classification

As the samples are obtained in the field, they are visually and manually classified by the field staff. Representative portions of the samples may be returned to the laboratory for further examination and for verification of the field classification. Soil classifications, visual/odor observations, and information on any groundwater encountered are reported on the Soil Screening Data Sheet or other field notes.

Soil Sample Vapor Screening

Soil samples collected directly or from equipment are screened with a photoionization detector (PID) for the presence of organic vapors with ionization potentials less than the lamp voltage. The PID is calibrated for direct reading in parts-per-million-volume (PPMv) of a benzene equivalent. Soil samples are collected and screened according to the bag-headspace field screening procedure, which consists of placing freshly collected soil into a polyethylene Whirl-Pak or freezer "baggie" (i.e., bag), sealing the bag to contain an air pocket (i.e., headspace), and allowing 10 to 20 minutes for vapors to disperse from the soil to the headspace. The highest reading upon inserting the PID probe into the bag headspace – typically attained within two to five seconds of probe insertion – is recorded on the Soil Screening Data Sheet or other field notes. Excessive moisture, temperature extremes, ambient vapors, or other unusual field circumstances can affect screening results.

Other Field Screening

For certain sites, field screening may be conducted for additional parameters in accordance with AET's Field Screening Methods Supplemental information sheet.

Soil Sampling for Chemical Analysis

Soil samples obtained for chemical analysis are collected directly or from the sampling device into laboratory-prepared containers with appropriate preservatives, according to laboratory protocols. The samples are delivered to the analytical laboratory within prescribed holding times, accompanied by proper chain-of-custody forms.

Not all methods summarized on this information sheet are conducted at all sites. Special conditions may also occur which require modifications to these methods. Any descriptions of field methods within the report text take precedence.

ENVIRONMENTAL SAMPLING METHODS – HSA/PUSH PROBE SOIL BORINGS

Contamination Reduction

The hollow-stem auger (HSA) drill rig and down hole tooling are steam cleaned prior to mobilization. The split-spoon sampler is cleaned between samples to minimize cross contamination. The push-probe down hole tooling is steam cleaned prior to mobilization. New clear plastic liners are used for each drive, and the tooling is cleaned between borings to minimize cross contamination. The cleaning procedure consists of an alconox detergent-water wash using a brush, followed by a tapwater rinse. The alconox wash and rinse water are changed regularly – typically between borings. Certain types of projects may entail more stringent decontamination procedures.

Soil Boring Advancement and Limitations

Split-spoon soil sampling in the standard-penetration soil borings is performed using hollow-stem auger techniques in general accordance with ASTM:D1586, with a modified hammer weight calibrated by pile driving analyzer (PDA). Using this procedure, a 2" outer-diameter (OD) split-spoon soil sampler is driven into the soil by a hammer weight with 60%-65% energy of a 140-lb. weight falling 30". After an initial set of 6", the number of blows required to drive the sampler an additional 12" is known as the penetration resistance or N value, an index of the relative density of cohesionless soils and the consistency of cohesive soils. Samples are typically collected in distinct 18" or 24" depth intervals separated by 12" or 6" depth intervals, using drive rods to extend the boring deeper beneath the ground surface. The split-spoon sampler is opened to expose distinct 18" or 24" sections of soil for classification and sampling.

Soil sampling in the soil borings is performed using a Geoprobe® system. Soil borings are advanced using a vehicle-mounted, hydraulically-powered, soil probing machine, which uses static force (vehicle weight) and percussion to advance small-diameter sampling tools into the subsurface for collecting soil core, soil gas, or groundwater samples. Using this system, a 2" outer-diameter (OD) MacroCore® soil sampler containing a 1.75" OD clear plastic liner is driven into the soil in distinct 48" depth intervals, except where subsurface conditions limit the equipment to shorter drive lengths. In cases where soil recovery is poor, typically due to grain-size or moisture, a smaller “discrete” soil sampler (1.5" OD containing a 1.0" OD clear plastic liner) with a retractable piston tip may be used to collect soil in distinct 24" depth intervals. Probe rods are added to extend borings deeper beneath the surface. The plastic liner is removed from the sampler and cut lengthwise to expose discrete sections of soil for classification and sampling.

Unless actually observed, contacts between soil layers are estimated based on the spacing of samples and the action of the drilling tools. Cobbles, boulders, and other large objects generally cannot be recovered from soil borings, and may be present in the ground even if they are not noted on the boring logs. Impacted soils or buried debris may be present that are not observed due to the spacing and depths of sampling points. Best judgment determinations, based on known site conditions and past experience in similar situations, do not guarantee identification of all impacts.

Soil Classification

As the samples are obtained in the field, they are visually and manually classified by the field staff following the Unified Soil Classification (USC) system in general accordance with ASTM:D2488. Representative portions of the samples may be returned to the laboratory for further observation and for verification of the field identification. Logs of the borings are prepared indicating the depth and identification of the various strata, water level information, and other pertinent information regarding the method of maintaining and advancing the borings.

Boring logs include judgments of the geologic depositional origin. This judgment is primarily based on observations of the soil samples, which can be limited. Observations of the surrounding topography, vegetation, and development can sometimes aid this judgment. Visual/odor observations may aid in assessing impacts but are not relied on exclusively.

Soil Sample Vapor Screening

Soil samples collected directly from the soil samplers are screened with a photoionization detector (PID) for the presence of organic vapors with ionization potentials less than the lamp voltage. The PID is calibrated for direct reading in parts-per-million-volume (PPMv) of a benzene equivalent. Soil samples are collected and screened according to the bag-headspace field screening procedure, which consists of placing freshly collected soil into a polyethylene Whirl-Pak or freezer “baggie” (i.e., bag), sealing the bag to contain an air pocket (i.e., headspace), and allowing 10 to 20 minutes for vapors to disperse from the soil to the headspace. The highest reading upon inserting the PID probe into the bag

Not all methods summarized on this information sheet are conducted at all sites. Special conditions may also occur which require modifications to these methods. Any descriptions of field methods within the report text take precedence.

ENVIRONMENTAL SAMPLING METHODS – HSA/PUSH PROBE SOIL BORINGS

headspace – typically attained within two to five seconds of probe insertion – is recorded on the boring log. Excessive moisture, temperature extremes, ambient vapors, or other unusual field circumstances can affect screening results.

Other Field Screening
For certain sites, field screening may be conducted for additional parameters in accordance with AET's Field Screening Methods Supplemental information sheet.

Soil Sampling for Chemical Analysis
Soil samples obtained for chemical analysis are collected directly from the soil samplers and placed into laboratory-prepared containers with appropriate preservatives, according to laboratory protocols. The samples are delivered to the analytical laboratory within prescribed holding times, accompanied by proper chain-of-custody forms.

Water Level Measurements
The groundwater level measurements are shown at the bottom of the boring logs. The following information appears under Water Level Measurements on the logs:

- Date and time of measurement
- Sampled Depth: greatest depth of soil sampling at the time of measurement
- Casing Depth: depth to bottom of casing or hollow-stem auger at time of measurement
- Cave-in Depth: tape-measured depth of borehole
- Water Level: tape-measured depth of free water in the borehole

The true depth of the water table at the boring locations may be different from the water levels measured in the boreholes. This is possible because several factors can affect the water-level measurements in the borehole such as permeability of each soil layer in profile, presence of perched water, amount of time between water level readings, and weather conditions.

Groundwater Sampling for Chemical Analysis
Groundwater samples obtained for chemical analysis are collected directly from each borehole/temporary monitoring well by one of two techniques: (1) A new dedicated teflon bailer is lowered down the borehole/temporary monitoring well with new nylon rope or decontaminated downrigger cable; (2) Using a peristaltic pump or check-valve assembly, samples are pumped directly from the borehole/temporary monitoring well through new polyethylene tubing extended to depth through the casing. Samples are collected in laboratory-prepared containers with appropriate preservatives, according to laboratory protocols. For analyses in which field-filtering is required, samples are vacuum-filtered through a new dedicated plastic filter with 0.45-μm pores. The samples are delivered to the analytical laboratory within prescribed holding times, accompanied by proper chain-of-custody forms.

Because boreholes/temporary monitoring wells are not typically in equilibrium with groundwater, results provide qualitative groundwater data. Purging additional water prior to sampling may improve the data representativeness somewhat. Monitoring wells are necessary to obtain more accurate quantitative groundwater data.

Surveying and Abandonment
Following sampling, ground surface elevations at boring locations are typically measured to the nearest 0.1 foot. If a permanent benchmark of known elevation is unavailable, the measurement is referenced to a nearby temporary benchmark given the arbitrary reference elevation of 100.0 feet. Horizontal location control is typically based on tape measurements from fixed site features. Certain types of projects may entail more stringent measures such as global positioning systems (GPS) or contracting registered surveyors.

Boreholes/temporary monitoring wells are completely backfilled with bentonite and abandoned according to procedures outlined in Chapter NR 141.25 of the Wisconsin Administrative Code A WDNR Borehole Abandonment (3300-5W) form is completed for each soil boring not completed as a monitoring well.

Not all methods summarized on this information sheet are conducted at all sites. Special conditions may also occur which require modifications to these methods. Any descriptions of field methods within the report text take precedence.

ENVIRONMENTAL SAMPLING METHODS – MONITORING WELLS

Contamination Reduction

The sampling downrigger and electronic water-level indicator are cleaned prior to sampling and between sampling from different monitoring wells. The cleaning procedure consists of an alconox detergent-water wash and distilled water rinse from spray dispensers. New disposable bailers are used for each well.

Monitoring Well Installation and Development

Groundwater monitoring wells and piezometers are constructed and developed in accordance with Wisconsin Administrative Code – Chapter NR 141 requirements. Monitoring Well Construction (4400-113A) and Monitoring Well Development (4400-113B) forms are completed for each well. Typically, monitoring wells are installed in hollow-stem auger (HSA) soil boreholes that have been sampled for environmental parameters.

Monitoring wells are developed by removing a minimum of three to five borehole volumes, until water appears clear.

Groundwater Elevation Measurements

Following monitoring well installation, the top-of-riser elevations are surveyed to the nearest 0.01 feet. If a permanent benchmark of known elevation is unavailable, the survey is referenced to a nearby temporary benchmark given the arbitrary reference elevation of 100.00 feet.

Groundwater elevations are determined by using an electronic water-level indicator. Measurements are obtained by lowering the probe into each well until the groundwater surface is encountered. Measurements, referenced to the top-of-riser elevations, are reported to the nearest 0.01 feet.

Groundwater Sampling for Chemical Analysis

Groundwater samples obtained for chemical analysis are collected directly from each monitoring well using a new disposable bailer lowered down the well with new nylon rope or decontaminated downrigger cable. Samples are decanted directly from the bailer into laboratory-prepared containers with appropriate preservatives. Alternatively, samples may be drawn directly from the submersible pump discharge tubing. For analyses in which field-filtering is required, samples are vacuum-filtered through a new dedicated plastic filter with 0.45-μm pores. The samples are delivered to the analytical laboratory within prescribed holding times, accompanied by proper chain-of-custody forms.

Free Product Removal Procedures

We conducted free product removal procedure as follows:

- Remove well cover and scrape away excess dirt.
- Carefully remove test well plug, bailer, & sock from well casing. Remember that bailer and absorbent socks are tied to the plug.
- Set bailer aside and squeeze product from sock into bucket. After squeezing out sock set aside to dry.
- Measure depth to water/product with a product/groundwater interface probe. Record depth to product, groundwater, and thickness of product in feet.
- Secure bailer to rope or string and insert into well casing. Lower the bailer until contact with water table is made. Allow bailer to drop into the water for no more than one foot. Remove bailer and estimate product thickness. Empty contents of bailer into bucket and record product thickness.
- Continue to lower bailer into well and drop to the water table. Allow bailer to fill with no more than one foot of water/product. Remove bailer and empty contents into bucket. Continue fill bucket. Transfer filled buckets to drum.
- Repeat this process until thickness of free product is less than one inch. Record amount of water/product removed.
- If a groundwater sample will be collected use a new disposable bailer to obtain a water sample. Insert the bailers bottom empting device and use to fill the appropriate sample bottle.
- Reattach string/rope to well plug, replace bailer and sock into well and cap with well plug. Replace well cover. Replace socks as needed.
- Secure cover on 55-gasllon drum.

Not all methods summarized on this information sheet are conducted at all sites. Special conditions may also occur which require modifications to these methods. Any descriptions of field methods within the report text take precedence.

Appendix C

Soil Boring Logs, Abandonment Forms, and
Monitoring Well Construction Forms

AET Project No. P-0011071

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Laundromat Property	License/Permit/Monitoring Number	Boring Number: GP-2	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: Geiss Soils	Date Drilling Started: 09/14/2021	Date Drilling Completed: 09/14/2021	Drilling Method: Geoprobe
WI Unique Well No.: WA506	DNR Well ID No.:	Well Name: MW-1	Final Static Water Level: ____ Feet MSL
Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E	Lat ° ' "	Long ° ' "	Local Grid Location: ☐ N ____ Feet ☐ S ☐ E ____ Feet ☐ W
SW 1/4 of SW 1/4 of Section 26, T 28 N, R 13 W			
Facility ID: 170071160	County: Dunn	County Code: 17	Civil Town/City/ or Village: Menomonie

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Topsoil										
GP-2A			5	Brw silty gravelly sand	SP			0.0		M				
			10					0.0		M				
				Brw C.G. Sand + gravel				0.1		M				
GP-2B			15	Brw Clayey silt	CL			0.1		M				
			20	Grey lean clay				0.1		W				
GP-2C				Brw sand + Gravel	SP			0.1						
			25	EOB 24' MW-1										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: AET

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☑ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Laundromat Property	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1/16P-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: WA506 / DNR Well ID No.: ____
Facility ID: 61700216	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 6/14/2021 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 26, T. 28 N, R. 13 ☐E ☑W	Well Installed By: Name (first, last) and Firm: TJ Geiss Soils
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☑
SM ☐ SC ☐ ML ☐ MH ☐ CL ☑ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☑ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☑ 99

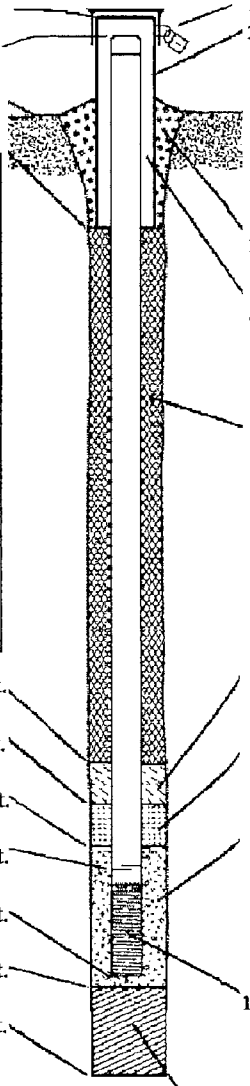
16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 0 ft.
F. Fine sand, top _____ ft. MSL or 5 ft.
G. Filter pack, top _____ ft. MSL or 7 ft.
H. Screen joint, top _____ ft. MSL or 9 ft.
I. Well bottom _____ ft. MSL or 24 ft.
J. Filter pack, bottom _____ ft. MSL or 24 ft.
K. Borehole, bottom _____ ft. MSL or 24 ft.
L. Borehole, diameter 4 1/4 in.
M. O.D. well casing 2.35 in.
N. I.D. well casing 2.02 in.



1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 1 ft.
c. Material: Steel ☑ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☑ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☑ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☑3/8 in. ☐1/2 in. Bentonite chips ☑ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand #15
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand #40
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☑ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 15 ft.
11. Backfill material (below filter pack): None ☑ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Laundromat Property	Dunn	MW-1/GP-2
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	17	WA506	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 24.0 ft.

5. Inside diameter of well 2.02 in.

6. Volume of water in filter pack and well casing ___.__ gal.

7. Volume of water removed from well 20.__ gal.

8. Volume of water added (if any) 0.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.90 ft.	10.90 ft.
Date	b. 09/15/2021 (m m d d y y y y)	09/15/2021
Time	c. 7:30 ☒ a.m. ☐ p.m.	8:00 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.1 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	___.__ mg/l	___.__ mg/l
15. COD	___.__ mg/l	___.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Neal Last Name: Michel
Firm: AET

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Wayne Last Name: Moser
Facility/Firm: Quarters Unlimited
Street: N7487 STH 25
City/State/Zip: Menomonie, WI 54751

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Michael K. Neal
Firm: AET

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Laundromat Property	License/Permit/Monitoring Number	Boring Number: GP-3	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: Geiss Soils	Date Drilling Started: 09/14/2021	Date Drilling Completed: 09/14/2021	Drilling Method: Geoprobe
WI Unique Well No.: WA507	DNR Well ID No.:	Well Name: MW-2	Final Static Water Level: ____ Feet MSL
Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E	Lat ° ' "	Local Grid Location: ☐ N ☐ E ____ Feet ☐ S ____ Feet ☐ W	
SW 1/4 of SW 1/4 of Section 26, T 28 N, R 13 W	Long ° ' "		
Facility ID: 17007160	County: Dunn	County Code: 17	Civil Town/City/ or Village: Menomonie

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Asphalt										
GP-3A				Sand & Gravel Fill				0.1		M				
			5	Brn Silty Sand				0.1		M				
			10	+ gravel	SP			0.1						
								0.0		M				
GP-3B			15	Brn Clayey Silt						W				
GP-3C				Grey lean clay	CL			0.1						
			20											
				MW-2										
			25	EOB 20'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Laundromat Property	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-2/6P3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: WA50 / DNR Well ID No.:
Facility ID: 617007160	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 8/14/2021 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec 26, T. 28 N, R. 13 ☐ E ☒ W	Well Installed By: Name (first, last) and Firm: TJ / Geiss Soils
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 0 ft.

F. Fine sand, top _____ ft. MSL or 6 ft.

G. Filter pack, top _____ ft. MSL or 8 ft.

H. Screen joint, top _____ ft. MSL or 10 ft.

I. Well bottom _____ ft. MSL or 20 ft.

J. Filter pack, bottom _____ ft. MSL or 20 ft.

K. Borehole, bottom _____ ft. MSL or 20 ft.

L. Borehole, diameter 4 1/4 in.

M. O.D. well casing 2.35 in.

N. I.D. well casing 2.02 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand #15
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand #40
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Laundromat Property	Dunn	MW-2/GP-3
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	17	WA507	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 20. ft.

5. Inside diameter of well 2.02 in.

6. Volume of water in filter pack and well casing ___.__ gal.

7. Volume of water removed from well 20. gal.

8. Volume of water added (if any) 0. gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	11.64 ft.	11.64 ft.
Date b. (m m d d y y y y)	09/15/2021	09/15/2021
Time c.	8:00 ☒ a.m. ☐ p.m.	8:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.1 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	___.__ mg/l	___.__ mg/l
15. COD	___.__ mg/l	___.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Neal Last Name: Michael
Firm: AET

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Wayne Last Name: Moser
Facility/Firm: Quarters Unlimited
Street: N7487 STH 25
City/State/Zip: Menomonie, WI 54751

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Michael K Neal
Print Name: Michael K. Neal
Firm: AET

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ ____________

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Laundromat Property		GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: Geiss Soils	09/14/2021 (mm dd yyyy)	09/14/2021 (mm dd yyyy)	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
WA508	___	MW-3	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane __________ N, __________ E
SW 1/4 of SW 1/4 of Section 26, T 28 N, R 13 W
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
C17007160	Dunn	17	Menomonie

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Asphalt										
GP-4A				Sand Fill				0.1		M				
			5	Brw silty Sand + gravel	SP			0.1		M				
			10					0.1		M				
GP-4B			15	Brw Clayey Silt	CL									
				Brw silty Sand & gravel	SP			0.1		W				
GP-4C				Grey lean Clay	CL									
			20	MW-3										
			25	EOB 20'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: AET

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Laundromat Property	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-3/6P.4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: WA508 / DNR Well ID No.:
Facility ID: 617007160	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 02/14/2021 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec 26, T. 28 N, R. 13 ☐E ☒W	Well Installed By: Name (first, last) and Firm: TJ / Geiss Soils
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

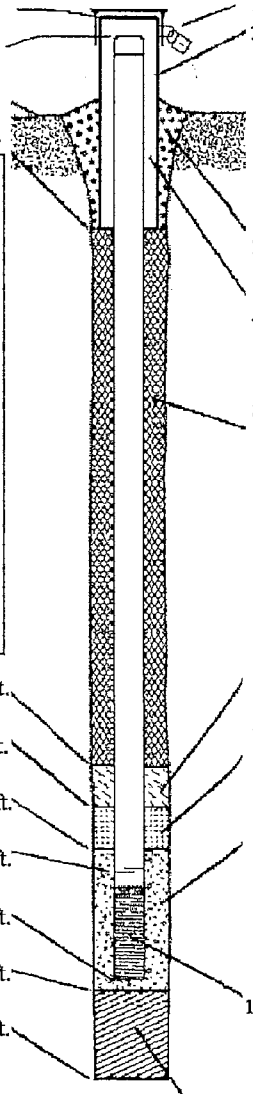
15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 0 ft.
F. Fine sand, top _____ ft. MSL or 6 ft.
G. Filter pack, top _____ ft. MSL or 8 ft.
H. Screen joint, top _____ ft. MSL or 10 ft.
I. Well bottom _____ ft. MSL or 20 ft.
J. Filter pack, bottom _____ ft. MSL or 20 ft.
K. Borehole, bottom _____ ft. MSL or 20 ft.
L. Borehole, diameter 4 1/4 in.
M. O.D. well casing 2.35 in.
N. I.D. well casing 2.02 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand #15
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand #40
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Laundromat Property	Dunn	MW-3/6P.4
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	17	WA508	

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 20. ft.

5. Inside diameter of well 2.02 in.

6. Volume of water in filter pack and well casing ___.__ gal.

7. Volume of water removed from well 5.__ gal.

8. Volume of water added (if any) 0.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	17.52 ft.	19.45 ft.
Date b. (mm dd yyyy)	09/15/2021	09/15/2021
Time c.	8:30 ☒ a.m. ☐ p.m.	9:00 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.1 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	___.__ mg/l	___.__ mg/l
15. COD	___.__ mg/l	___.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Neal Last Name: Michel
Firm: AET

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Wayne Last Name: Moser
Facility/Firm: Quarters Unlimited
Street: N7487 STH 25
City/State/Zip: Menomonie, WI 54751

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Michael K Neal
Print Name: Michael K. Neal
Firm: AET

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Laundromat Property	License/Permit/Monitoring Number	Boring Number: GP-5	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: Geiss Soils	Date Drilling Started: 05/10/2022	Date Drilling Completed: 05/10/2022	Drilling Method: Geoprobe
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: MW-4	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E	Lat ° ' " Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
SW 1/4 of SW 1/4 of Section 26, T 28 N, R 13 W			
Facility ID: 617007160	County: Dunn	County Code: 17	Civil Town/City/ or Village: Menomonie

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Top soil										
			2	Brw silty gravelly sand				0		M				
			4					0		M				
			6	Brw silty sand and gravel				0		M				
			8					0		M				
			10					0.1		M				
			12	Brw clayey silt				0.1		M				
			14					0		M				
			16	Brw clay				0.1		M				
			18					0		M				
			20	Brw clayey sand				0.1		W				
				EOB 20' MW-4										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Laundromat Property	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-4 / GP-5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID: 617007160	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 05/10/2022 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec 26, T 28 N, R. 13 ☐ E ☒ W	Well Installed By: Name (first, last) and Firm: MW / Gerss Soils
Distance from Waste/Source _____ ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

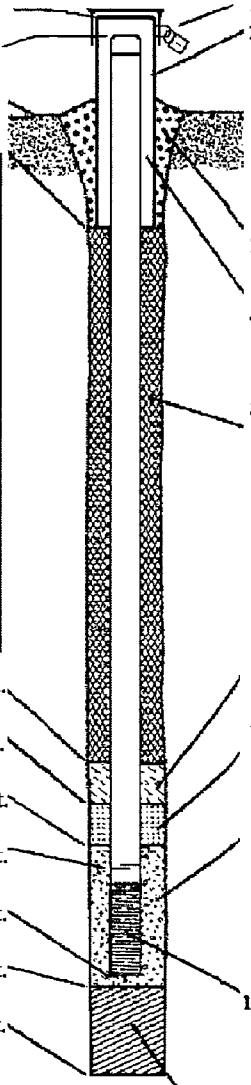
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 0 ft.
F. Fine sand, top _____ ft. MSL or 2 ft.
G. Filter pack, top _____ ft. MSL or 3 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 20 ft.
J. Filter pack, bottom _____ ft. MSL or 20 ft.
K. Borehole, bottom _____ ft. MSL or 20 ft.
L. Borehole, diameter 4 1/4 in.
M. O.D. well casing 2.35 in.
N. I.D. well casing 2.02 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand # 15
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand # 40
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 15 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: AET

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Laundromat Property	Dunn	MW-4 / GP-5
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	17	_____ / ___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 20.0 ft.

5. Inside diameter of well 2.02 in.

6. Volume of water in filter pack and well casing ____.__ gal.

7. Volume of water removed from well 10.__ gal.

8. Volume of water added (if any) 0.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.78 ft.	10.85 ft.
Date	b. 05/11/2022 (m m d d y y y y)	05/11/2022
Time	c. 2:30 ☒ a.m. ☐ p.m.	8:00 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	10 inches	0.1 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: M. Last Name: Neal
Firm: AET

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Wayne Last Name: Moser
Facility/Firm: Quarters Unlimited
Street: N7487 STH 25
City/State/Zip: Menomonie, WI 54751

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Michael K. Neal
Firm: AET

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Laundromat Property	License/Permit/Monitoring Number	Boring Number: GP-6	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: Firm: Geiss Soils	Date Drilling Started: 05/10/2022	Date Drilling Completed: 05/10/2022	Drilling Method: Geoprobe
WI Unique Well No. _ _ _ _ _ _	DNR Well ID No. _ _ _ _	Well Name: MW-5	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E SW 1/4 of SW 1/4 of Section 26, T 28 N, R 13 W	Lat 0 ' " Long 0 ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID: 617007160	County: Dunn	County Code: 17	Civil Town/City/ or Village: Menomonie

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				top soil										
			2	Brw silty gravelly sand				0		M				
			4					0		M				
				Brw										
			6	silty				0.1		M				
			8	Sand and				0		M				
			10	gravel				0.1		M				
			12	Brw clayey silt				0		M				
			14											
				Brw				0.1		M				
			16	clay										
			18					0		M				
			20	Brw clayey Sand				0		W				
				EOB 20' MW-5										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Laundromat Property	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-5 / GP-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 617007160	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 05/10/2022 (m m d d y y y y)
Type of Well — Well Code: 11 / MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec 26, T 28 N, R. 13 ☐E ☒W	Well Installed By: Name (first, last) and Firm: M / Gerss Soils
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 Hollow Stem Auger ☒ 41 Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 0 ft.

F. Fine sand, top _____ ft. MSL or 2 ft.

G. Filter pack, top _____ ft. MSL or 3 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 20 ft.

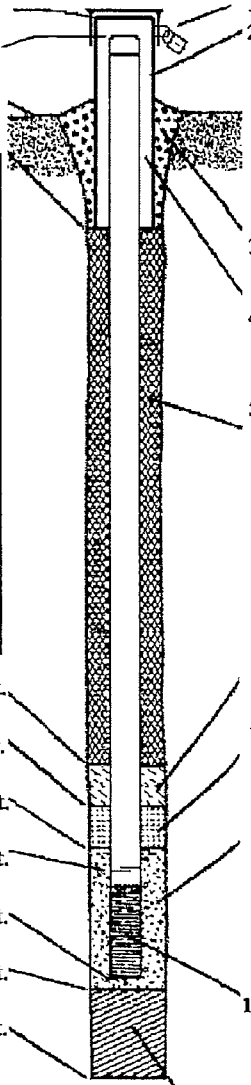
J. Filter pack, bottom _____ ft. MSL or 20 ft.

K. Borehole, bottom _____ ft. MSL or 20 ft.

L. Borehole, diameter 4 1/4 in.

M. O.D. well casing 2.35 in.

N. I.D. well casing 2.02 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand # 15
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand # 40
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 15 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Laundromat Property	Dunn	MW-5 / GP-6
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	12	_____ / ___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 20.0 ft.

5. Inside diameter of well 2.02 in.

6. Volume of water in filter pack and well casing ____.__ gal.

7. Volume of water removed from well 20.__ gal.

8. Volume of water added (if any) 0.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	9.15 ft.	9.16 ft.
Date b. (m m d d y y y y)	05/11/2022	05/11/2022
Time c.	7:45 ☒ a.m. ☐ p.m.	8:15 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.1 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: M. Last Name: Neal
Firm: AET

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Wayne Last Name: Moser
Facility/Firm: Quarters Unlimited
Street: N7487 STH 25
City/State/Zip: Menomonie, WI 54751

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Michael K. Neal
Print Name: Michael K. Neal
Firm: AET

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Page 1 of 1

Facility/Project Name: Laundromat Property	License/Permit/Monitoring Number	Boring Number: GP-7	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: Firm: Geiss Soils	Date Drilling Started: 05/10/2022	Date Drilling Completed: 05/10/2022	Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name: MW-6	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane ____ N, ____ E SW 1/4 of SW 1/4 of Section 26, T28 N, R 13 W	Lat ° ' " Long ° ' "	Local Grid Location ____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W	
Facility ID: 61700760	County: Dunn	County Code: 17	Civil Town/City/ or Village: Menomonie		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Top Soil										
			2	Brw silty gravelly sand				0		M				
			4					0		M				
			6	Brw silty				0		M				
			8	Sand and				0		M				
			10	gravel				0		M				
			12	Brw clayey silt				0		M				
			14					0		M				
			16	Brw clay				0		M				
			18					0		M				
			20	Brw clayey sand				0		W				
				EOB 20' MW-6										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: AET

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Laundromat Property	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-6 / GP-7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 617007160	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 05/10/2022 (m m d d y y y y)
Type of Well / Well Code: 11 / MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec 26 T 28 N, R. 13 ☐ E. ☒ W.	Well Installed By: Name (first, last) and Firm: MV / Geiss Soils
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

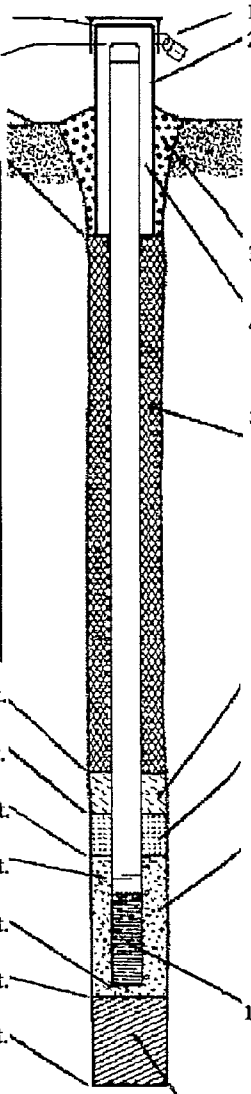
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 0 ft.
F. Fine sand, top _____ ft. MSL or 2 ft.
G. Filter pack, top _____ ft. MSL or 3 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 20 ft.
J. Filter pack, bottom _____ ft. MSL or 20 ft.
K. Borehole, bottom _____ ft. MSL or 20 ft.
L. Borehole, diameter 4 1/4 in.
M. O.D. well casing 2.35 in.
N. I.D. well casing 2.02 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand # 15
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand # 40
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.01 in.
d. Slotted length: 15 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: AET

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Laundromat Property	Dunn	MW-6 / GP-7
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	17	_____	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 20.0 ft.

5. Inside diameter of well 2.02 in.

6. Volume of water in filter pack and well casing ____.__ gal.

7. Volume of water removed from well 20.__ gal.

8. Volume of water added (if any) 0.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 9.85 ft.	12.98 ft.
Date	b. 05/11/2022 (m m d d y y y y)	05/11/2022 (m m d d y y y y)
Time	c. 8:00 ☒ a.m. ☐ p.m.	8:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.1 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: M. Last Name: Neal
Firm: AET

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Wayne Last Name: Moser
Facility/Firm: Quarters Unlimited
Street: N7487 STH 25
City/State/Zip: Menomonie, WI 54751

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Michael K. Neal
Print Name: Michael K. Neal
Firm: AET

NOTE: See instructions for more information including a list of county codes and well type codes.

Appendix D

Laboratory Analytical Report and Chain-of-Custody

AET Project No. P-0011071

eurofins | Environment Testing America

REVIEWED
By mneal at 2:59 pm, Sep 22, 2021

ANALYTICAL REPORT

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

Laboratory Job ID: 500-205277-1
Client Project/Site: Commercial Prop. Quick Wash P-0002702

For:
American Engineering Testing Inc.
1837 Cty Hwy OO
Chippewa Falls, Wisconsin 54729

Attn: Mr. Michael Neal

Authorized for release by:
9/22/2021 2:51:28 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Laboratory Job ID: 500-205277-1

Table of Contents

Case Narrative

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-205277-1

Comments
No additional comments.

Receipt
The samples were received on 9/16/2021 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-3 (500-205277-13). Elevated reporting limits (RLs) are provided.

Method 8260B: The laboratory control sample (LCS) for 619000 recovered outside control limits. This is a prepped 5035 LCS. All daily insrument LCSs were acceptable, and the data have been reported.GP-2A (500-205277-1), GP-2B (500-205277-2), GP-2C (500-205277-3), GP-3A (500-205277-4), GP-3B (500-205277-5), GP-3C (500-205277-6), GP-4A (500-205277-7), GP-4B (500-205277-8), GP-4C (500-205277-9) and MeOH Blank (500-205277-10)

Method 8260B: The laboratory control sample (LCS) for 619450 and 619451 recovered outside control limits for 1,2-Dibromo-3-Chloropropane. This analyte was biased low in the LCS and were not detected in the associated samples. The data have been reported.GP-2B (500-205277-2), GP-2C (500-205277-3), GP-3A (500-205277-4), GP-3B (500-205277-5), GP-4A (500-205277-7), GP-4B (500-205277-8), GP-4C (500-205277-9), MW-1 (500-205277-11), MW-2 (500-205277-12) and Trip Blank (500-205277-14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2A — Lab Sample ID: 500-205277-1

No Detections.

Client Sample ID: GP-2B — Lab Sample ID: 500-205277-2

No Detections.

Client Sample ID: GP-2C — Lab Sample ID: 500-205277-3

No Detections.

Client Sample ID: GP-3A — Lab Sample ID: 500-205277-4

No Detections.

Client Sample ID: GP-3B — Lab Sample ID: 500-205277-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.042	J	0.077	0.028	mg/Kg	50	☼	8260B	Total/NA

Client Sample ID: GP-3C — Lab Sample ID: 500-205277-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.14		0.038	0.013	mg/Kg	50	☼	8260B	Total/NA

Client Sample ID: GP-4A — Lab Sample ID: 500-205277-7

No Detections.

Client Sample ID: GP-4B — Lab Sample ID: 500-205277-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.53		0.072	0.027	mg/Kg	50	☼	8260B	Total/NA

Client Sample ID: GP-4C — Lab Sample ID: 500-205277-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.2		0.072	0.027	mg/Kg	50	☼	8260B	Total/NA

Client Sample ID: MeOH Blank — Lab Sample ID: 500-205277-10

No Detections.

Client Sample ID: MW-1 — Lab Sample ID: 500-205277-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 500-205277-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.24	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 500-205277-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.64	J	1.0	0.36	ug/L	1		8260B	Total/NA
Benzene	0.31	J	0.50	0.15	ug/L	1		8260B	Total/NA
Naphthalene	0.36	J	1.0	0.34	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-3 (Continued) Lab Sample ID: 500-205277-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	20		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	560		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: Trip Blank Lab Sample ID: 500-205277-14

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-205277-1	GP-2A	Solid	09/14/21 08:10	09/16/21 10:20
500-205277-2	GP-2B	Solid	09/14/21 08:20	09/16/21 10:20
500-205277-3	GP-2C	Solid	09/14/21 08:50	09/16/21 10:20
500-205277-4	GP-3A	Solid	09/14/21 11:00	09/16/21 10:20
500-205277-5	GP-3B	Solid	09/14/21 11:15	09/16/21 10:20
500-205277-6	GP-3C	Solid	09/14/21 11:30	09/16/21 10:20
500-205277-7	GP-4A	Solid	09/14/21 13:00	09/16/21 10:20
500-205277-8	GP-4B	Solid	09/14/21 13:15	09/16/21 10:20
500-205277-9	GP-4C	Solid	09/14/21 13:30	09/16/21 10:20
500-205277-10	MeOH Blank	Solid	09/14/21 00:00	09/16/21 10:20
500-205277-11	MW-1	Ground Water	09/15/21 08:00	09/16/21 10:20
500-205277-12	MW-2	Ground Water	09/15/21 08:30	09/16/21 10:20
500-205277-13	MW-3	Ground Water	09/15/21 09:00	09/16/21 10:20
500-205277-14	Trip Blank	Water	09/15/21 00:00	09/16/21 10:20

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2A **Lab Sample ID: 500-205277-1**
Date Collected: 09/14/21 08:10 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 91.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.027		0.059	0.027	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,1,1-Trichloroethane	<0.022		0.059	0.022	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,1,2,2-Tetrachloroethane	<0.024	*-	0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,1,2-Trichloroethane	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,1-Dichloroethane	<0.024		0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,1-Dichloroethene	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,1-Dichloropropene	<0.018		0.059	0.018	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2,3-Trichlorobenzene	<0.027		0.059	0.027	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2,3-Trichloropropane	<0.024		0.12	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2,4-Trichlorobenzene	<0.020		0.059	0.020	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2,4-Trimethylbenzene	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2-Dibromo-3-Chloropropane	<0.12	*-	0.30	0.12	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2-Dibromoethane	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2-Dichlorobenzene	<0.020		0.059	0.020	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2-Dichloroethane	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,2-Dichloropropane	<0.025		0.059	0.025	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,3,5-Trimethylbenzene	<0.022		0.059	0.022	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,3-Dichlorobenzene	<0.024		0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,3-Dichloropropane	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
1,4-Dichlorobenzene	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
2,2-Dichloropropane	<0.026		0.059	0.026	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
2-Chlorotoluene	<0.019		0.059	0.019	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
4-Chlorotoluene	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Benzene	<0.0086		0.015	0.0086	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Bromobenzene	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Bromochloromethane	<0.025		0.059	0.025	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Bromodichloromethane	<0.022	*-	0.059	0.022	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Bromoform	<0.029		0.059	0.029	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Bromomethane	<0.047		0.18	0.047	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Carbon tetrachloride	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Chlorobenzene	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Chloroethane	<0.030		0.059	0.030	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Chloroform	<0.022		0.12	0.022	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Chloromethane	<0.019		0.059	0.019	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
cis-1,2-Dichloroethene	<0.024		0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
cis-1,3-Dichloropropene	<0.025	*-	0.059	0.025	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Dibromochloromethane	<0.029	*-	0.059	0.029	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Dibromomethane	<0.016		0.059	0.016	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Dichlorodifluoromethane	<0.040		0.18	0.040	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Hexachlorobutadiene	<0.026		0.059	0.026	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Isopropyl ether	<0.016		0.059	0.016	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Isopropylbenzene	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Methyl tert-butyl ether	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Methylene Chloride	<0.096		0.30	0.096	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Naphthalene	<0.020		0.059	0.020	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
n-Butylbenzene	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
N-Propylbenzene	<0.024		0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
p-Isopropyltoluene	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2A **Lab Sample ID: 500-205277-1**
Date Collected: 09/14/21 08:10 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 91.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Styrene	<0.023		0.059	0.023	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
tert-Butylbenzene	<0.024		0.059	0.024	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Tetrachloroethene	<0.022		0.059	0.022	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Toluene	<0.0087		0.015	0.0087	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
trans-1,2-Dichloroethene	<0.021		0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
trans-1,3-Dichloropropene	<0.021	*-	0.059	0.021	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Trichloroethene	<0.0097		0.030	0.0097	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Trichlorofluoromethane	<0.025		0.059	0.025	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Vinyl chloride	<0.015		0.059	0.015	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	☼	09/14/21 08:10	09/22/21 11:42	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*	*09/14/21 08:10*	*09/22/21 11:42*	*50*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*	*09/14/21 08:10*	*09/22/21 11:42*	*50*
Dibromofluoromethane	*92*		*75 - 120*	*09/14/21 08:10*	*09/22/21 11:42*	*50*
Toluene-d8 (Surr)	*101*		*75 - 120*	*09/14/21 08:10*	*09/22/21 11:42*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2B **Lab Sample ID: 500-205277-2**
Date Collected: 09/14/21 08:20 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 97.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.025		0.053	0.025	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,1,1-Trichloroethane	<0.020		0.053	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,1,2,2-Tetrachloroethane	<0.021	*-	0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,1,2-Trichloroethane	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,1-Dichloroethane	<0.022		0.053	0.022	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,1-Dichloroethene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,1-Dichloropropene	<0.016		0.053	0.016	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2,3-Trichlorobenzene	<0.024		0.053	0.024	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2,3-Trichloropropane	<0.022		0.11	0.022	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2,4-Trichlorobenzene	<0.018		0.053	0.018	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2,4-Trimethylbenzene	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2-Dibromo-3-Chloropropane	<0.11	*-	0.27	0.11	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2-Dibromoethane	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2-Dichlorobenzene	<0.018		0.053	0.018	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2-Dichloroethane	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,2-Dichloropropane	<0.023		0.053	0.023	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,3,5-Trimethylbenzene	<0.020		0.053	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,3-Dichlorobenzene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,3-Dichloropropane	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
1,4-Dichlorobenzene	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
2,2-Dichloropropane	<0.024		0.053	0.024	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
2-Chlorotoluene	<0.017		0.053	0.017	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
4-Chlorotoluene	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Benzene	<0.0078		0.013	0.0078	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Bromobenzene	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Bromochloromethane	<0.023		0.053	0.023	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Bromodichloromethane	<0.020	*-	0.053	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Bromoform	<0.026		0.053	0.026	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Bromomethane	<0.042		0.16	0.042	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Carbon tetrachloride	<0.020		0.053	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Chlorobenzene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Chloroethane	<0.027		0.053	0.027	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Chloroform	<0.020		0.11	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Chloromethane	<0.017		0.053	0.017	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
cis-1,2-Dichloroethene	<0.022		0.053	0.022	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
cis-1,3-Dichloropropene	<0.022	*-	0.053	0.022	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Dibromochloromethane	<0.026	*-	0.053	0.026	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Dibromomethane	<0.014		0.053	0.014	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Dichlorodifluoromethane	<0.036		0.16	0.036	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Ethylbenzene	<0.0097		0.013	0.0097	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Hexachlorobutadiene	<0.024		0.053	0.024	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Isopropyl ether	<0.015		0.053	0.015	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Isopropylbenzene	<0.020		0.053	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Methyl tert-butyl ether	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Methylene Chloride	<0.087		0.27	0.087	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Naphthalene	<0.018		0.053	0.018	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
n-Butylbenzene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
N-Propylbenzene	<0.022		0.053	0.022	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
p-Isopropyltoluene	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2B **Lab Sample ID: 500-205277-2**
Date Collected: 09/14/21 08:20 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 97.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Styrene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
tert-Butylbenzene	<0.021		0.053	0.021	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Tetrachloroethene	<0.020		0.053	0.020	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Toluene	<0.0078		0.013	0.0078	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
trans-1,2-Dichloroethene	<0.019		0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
trans-1,3-Dichloropropene	<0.019	*-	0.053	0.019	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Trichloroethene	<0.0087		0.027	0.0087	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Trichlorofluoromethane	<0.023		0.053	0.023	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Vinyl chloride	<0.014		0.053	0.014	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50
Xylenes, Total	<0.012		0.027	0.012	mg/Kg	☼	09/14/21 08:20	09/21/21 14:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*75 - 126*	*09/14/21 08:20*	*09/21/21 14:17*	*50*
4-Bromofluorobenzene (Surr)	*75*		*72 - 124*	*09/14/21 08:20*	*09/21/21 14:17*	*50*
Dibromofluoromethane	*88*		*75 - 120*	*09/14/21 08:20*	*09/21/21 14:17*	*50*
Toluene-d8 (Surr)	*92*		*75 - 120*	*09/14/21 08:20*	*09/21/21 14:17*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2C **Lab Sample ID: 500-205277-3**
Date Collected: 09/14/21 08:50 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 93.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.027		0.057	0.027	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,1,1-Trichloroethane	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,1,2,2-Tetrachloroethane	<0.023	*-	0.057	0.023	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,1,2-Trichloroethane	<0.020		0.057	0.020	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,1-Dichloroethane	<0.024		0.057	0.024	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,1-Dichloroethene	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,1-Dichloropropene	<0.017		0.057	0.017	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2,3-Trichlorobenzene	<0.026		0.057	0.026	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2,3-Trichloropropane	<0.024		0.11	0.024	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2,4-Trichlorobenzene	<0.020		0.057	0.020	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2,4-Trimethylbenzene	<0.021		0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2-Dibromo-3-Chloropropane	<0.11	*-	0.29	0.11	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2-Dibromoethane	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2-Dichlorobenzene	<0.019		0.057	0.019	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2-Dichloroethane	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,2-Dichloropropane	<0.025		0.057	0.025	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,3,5-Trimethylbenzene	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,3-Dichlorobenzene	<0.023		0.057	0.023	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,3-Dichloropropane	<0.021		0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
1,4-Dichlorobenzene	<0.021		0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
2,2-Dichloropropane	<0.025		0.057	0.025	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
2-Chlorotoluene	<0.018		0.057	0.018	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
4-Chlorotoluene	<0.020		0.057	0.020	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Benzene	<0.0084		0.014	0.0084	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Bromobenzene	<0.020		0.057	0.020	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Bromochloromethane	<0.025		0.057	0.025	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Bromodichloromethane	<0.021	*-	0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Bromoform	<0.028		0.057	0.028	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Bromomethane	<0.046		0.17	0.046	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Carbon tetrachloride	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Chlorobenzene	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Chloroethane	<0.029		0.057	0.029	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Chloroform	<0.021		0.11	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Chloromethane	<0.018		0.057	0.018	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
cis-1,2-Dichloroethene	<0.023		0.057	0.023	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
cis-1,3-Dichloropropene	<0.024	*-	0.057	0.024	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Dibromochloromethane	<0.028	*-	0.057	0.028	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Dibromomethane	<0.015		0.057	0.015	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Dichlorodifluoromethane	<0.039		0.17	0.039	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Ethylbenzene	<0.011		0.014	0.011	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Hexachlorobutadiene	<0.026		0.057	0.026	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Isopropyl ether	<0.016		0.057	0.016	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Isopropylbenzene	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Methyl tert-butyl ether	<0.023		0.057	0.023	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Methylene Chloride	<0.094		0.29	0.094	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Naphthalene	<0.019		0.057	0.019	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
n-Butylbenzene	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
N-Propylbenzene	<0.024		0.057	0.024	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
p-Isopropyltoluene	<0.021		0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2C **Lab Sample ID: 500-205277-3**
Date Collected: 09/14/21 08:50 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 93.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.023		0.057	0.023	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Styrene	<0.022		0.057	0.022	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
tert-Butylbenzene	<0.023		0.057	0.023	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Tetrachloroethene	<0.021		0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Toluene	<0.0084		0.014	0.0084	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
trans-1,2-Dichloroethene	<0.020		0.057	0.020	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
trans-1,3-Dichloropropene	<0.021	*-	0.057	0.021	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Trichloroethene	<0.0094		0.029	0.0094	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Trichlorofluoromethane	<0.025		0.057	0.025	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Vinyl chloride	<0.015		0.057	0.015	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50
Xylenes, Total	<0.013		0.029	0.013	mg/Kg	☼	09/14/21 08:50	09/21/21 14:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*	*09/14/21 08:50*	*09/21/21 14:43*	*50*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*	*09/14/21 08:50*	*09/21/21 14:43*	*50*
Dibromofluoromethane	*89*		*75 - 120*	*09/14/21 08:50*	*09/21/21 14:43*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*09/14/21 08:50*	*09/21/21 14:43*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3A **Lab Sample ID: 500-205277-4**
Date Collected: 09/14/21 11:00 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 91.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.060	0.028	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,1,1-Trichloroethane	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,1,2,2-Tetrachloroethane	<0.024	*-	0.060	0.024	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,1,2-Trichloroethane	<0.021		0.060	0.021	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,1-Dichloroethane	<0.025		0.060	0.025	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,1-Dichloroethene	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,1-Dichloropropene	<0.018		0.060	0.018	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2,3-Trichlorobenzene	<0.028		0.060	0.028	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2,3-Trichloropropane	<0.025		0.12	0.025	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2,4-Trichlorobenzene	<0.021		0.060	0.021	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2,4-Trimethylbenzene	<0.022		0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2-Dibromo-3-Chloropropane	<0.12	*-	0.30	0.12	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2-Dibromoethane	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2-Dichlorobenzene	<0.020		0.060	0.020	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2-Dichloroethane	<0.024		0.060	0.024	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,2-Dichloropropane	<0.026		0.060	0.026	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,3,5-Trimethylbenzene	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,3-Dichlorobenzene	<0.024		0.060	0.024	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,3-Dichloropropane	<0.022		0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
1,4-Dichlorobenzene	<0.022		0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
2,2-Dichloropropane	<0.027		0.060	0.027	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
2-Chlorotoluene	<0.019		0.060	0.019	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
4-Chlorotoluene	<0.021		0.060	0.021	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Benzene	<0.0088		0.015	0.0088	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Bromobenzene	<0.021		0.060	0.021	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Bromochloromethane	<0.026		0.060	0.026	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Bromodichloromethane	<0.022	*-	0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Bromoform	<0.029		0.060	0.029	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Carbon tetrachloride	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Chlorobenzene	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Chloroethane	<0.030		0.060	0.030	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Chloroform	<0.022		0.12	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Chloromethane	<0.019		0.060	0.019	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
cis-1,2-Dichloroethene	<0.025		0.060	0.025	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
cis-1,3-Dichloropropene	<0.025	*-	0.060	0.025	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Dibromochloromethane	<0.029	*-	0.060	0.029	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Dibromomethane	<0.016		0.060	0.016	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Hexachlorobutadiene	<0.027		0.060	0.027	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Isopropyl ether	<0.017		0.060	0.017	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Isopropylbenzene	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Methyl tert-butyl ether	<0.024		0.060	0.024	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Methylene Chloride	<0.098		0.30	0.098	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Naphthalene	<0.020		0.060	0.020	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
n-Butylbenzene	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
N-Propylbenzene	<0.025		0.060	0.025	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
p-Isopropyltoluene	<0.022		0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3A **Lab Sample ID: 500-205277-4**
Date Collected: 09/14/21 11:00 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 91.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Styrene	<0.023		0.060	0.023	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
tert-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Tetrachloroethene	<0.022		0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Toluene	<0.0089		0.015	0.0089	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
trans-1,2-Dichloroethene	<0.021		0.060	0.021	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
trans-1,3-Dichloropropene	<0.022	*-	0.060	0.022	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Trichloroethene	<0.0099		0.030	0.0099	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Trichlorofluoromethane	<0.026		0.060	0.026	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Vinyl chloride	<0.016		0.060	0.016	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	☼	09/14/21 11:00	09/21/21 15:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*	*09/14/21 11:00*	*09/21/21 15:11*	*50*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*	*09/14/21 11:00*	*09/21/21 15:11*	*50*
Dibromofluoromethane	*87*		*75 - 120*	*09/14/21 11:00*	*09/21/21 15:11*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*09/14/21 11:00*	*09/21/21 15:11*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3B **Lab Sample ID: 500-205277-5**
Date Collected: 09/14/21 11:15 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 79.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.035		0.077	0.035	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,1,1-Trichloroethane	<0.029		0.077	0.029	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,1,2,2-Tetrachloroethane	<0.030	*-	0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,1,2-Trichloroethane	<0.027		0.077	0.027	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,1-Dichloroethane	<0.031		0.077	0.031	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,1-Dichloroethene	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,1-Dichloropropene	<0.023		0.077	0.023	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2,3-Trichlorobenzene	<0.035		0.077	0.035	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2,3-Trichloropropane	<0.032		0.15	0.032	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2,4-Trichlorobenzene	<0.026		0.077	0.026	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2,4-Trimethylbenzene	<0.027		0.077	0.027	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2-Dibromo-3-Chloropropane	<0.15	*-	0.38	0.15	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2-Dibromoethane	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2-Dichlorobenzene	<0.026		0.077	0.026	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2-Dichloroethane	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,2-Dichloropropane	<0.033		0.077	0.033	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,3,5-Trimethylbenzene	<0.029		0.077	0.029	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,3-Dichlorobenzene	<0.031		0.077	0.031	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,3-Dichloropropane	<0.028		0.077	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
1,4-Dichlorobenzene	<0.028		0.077	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
2,2-Dichloropropane	<0.034		0.077	0.034	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
2-Chlorotoluene	<0.024		0.077	0.024	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
4-Chlorotoluene	<0.027		0.077	0.027	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Benzene	<0.011		0.019	0.011	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Bromobenzene	<0.027		0.077	0.027	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Bromochloromethane	<0.033		0.077	0.033	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Bromodichloromethane	<0.028	*-	0.077	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Bromoform	<0.037		0.077	0.037	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Bromomethane	<0.061		0.23	0.061	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Carbon tetrachloride	<0.029		0.077	0.029	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Chlorobenzene	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Chloroethane	<0.039		0.077	0.039	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Chloroform	<0.028		0.15	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Chloromethane	<0.024		0.077	0.024	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
cis-1,2-Dichloroethene	<0.031		0.077	0.031	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
cis-1,3-Dichloropropene	<0.032	*-	0.077	0.032	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Dibromochloromethane	<0.037	*-	0.077	0.037	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Dibromomethane	<0.021		0.077	0.021	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Dichlorodifluoromethane	<0.052		0.23	0.052	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Ethylbenzene	<0.014		0.019	0.014	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Hexachlorobutadiene	<0.034		0.077	0.034	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Isopropyl ether	<0.021		0.077	0.021	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Isopropylbenzene	<0.029		0.077	0.029	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Methyl tert-butyl ether	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Methylene Chloride	<0.12		0.38	0.12	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Naphthalene	<0.026		0.077	0.026	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
n-Butylbenzene	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
N-Propylbenzene	<0.032		0.077	0.032	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
p-Isopropyltoluene	<0.028		0.077	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3B **Lab Sample ID: 500-205277-5**
Date Collected: 09/14/21 11:15 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 79.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Styrene	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
tert-Butylbenzene	<0.030		0.077	0.030	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Tetrachloroethene	**0.042**	**J**	0.077	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Toluene	<0.011		0.019	0.011	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
trans-1,2-Dichloroethene	<0.027		0.077	0.027	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
trans-1,3-Dichloropropene	<0.028	*-	0.077	0.028	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Trichloroethene	<0.013		0.038	0.013	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Trichlorofluoromethane	<0.033		0.077	0.033	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Vinyl chloride	<0.020		0.077	0.020	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50
Xylenes, Total	<0.017		0.038	0.017	mg/Kg	☼	09/14/21 11:15	09/21/21 15:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*	*09/14/21 11:15*	*09/21/21 15:37*	*50*
4-Bromofluorobenzene (Surr)	*73*		*72 - 124*	*09/14/21 11:15*	*09/21/21 15:37*	*50*
Dibromofluoromethane	*88*		*75 - 120*	*09/14/21 11:15*	*09/21/21 15:37*	*50*
Toluene-d8 (Surr)	*90*		*75 - 120*	*09/14/21 11:15*	*09/21/21 15:37*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3C **Lab Sample ID: 500-205277-6**
Date Collected: 09/14/21 11:30 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 78.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.035		0.076	0.035	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,1,1-Trichloroethane	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,1,2,2-Tetrachloroethane	<0.030	*-	0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,1,2-Trichloroethane	<0.027		0.076	0.027	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,1-Dichloroethane	<0.031		0.076	0.031	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,1-Dichloroethene	<0.030		0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,1-Dichloropropene	<0.023		0.076	0.023	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2,3-Trichlorobenzene	<0.035		0.076	0.035	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2,3-Trichloropropane	<0.032		0.15	0.032	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2,4-Trichlorobenzene	<0.026		0.076	0.026	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2,4-Trimethylbenzene	<0.027		0.076	0.027	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2-Dibromo-3-Chloropropane	<0.15	*-	0.38	0.15	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2-Dibromoethane	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2-Dichlorobenzene	<0.026		0.076	0.026	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2-Dichloroethane	<0.030		0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,2-Dichloropropane	<0.033		0.076	0.033	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,3,5-Trimethylbenzene	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,3-Dichlorobenzene	<0.031		0.076	0.031	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,3-Dichloropropane	<0.028		0.076	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
1,4-Dichlorobenzene	<0.028		0.076	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
2,2-Dichloropropane	<0.034		0.076	0.034	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
2-Chlorotoluene	<0.024		0.076	0.024	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
4-Chlorotoluene	<0.027		0.076	0.027	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Benzene	<0.011		0.019	0.011	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Bromobenzene	<0.027		0.076	0.027	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Bromochloromethane	<0.033		0.076	0.033	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Bromodichloromethane	<0.028	*-	0.076	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Bromoform	<0.037		0.076	0.037	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Bromomethane	<0.061		0.23	0.061	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Carbon tetrachloride	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Chlorobenzene	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Chloroethane	<0.038		0.076	0.038	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Chloroform	<0.028		0.15	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Chloromethane	<0.024		0.076	0.024	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
cis-1,2-Dichloroethene	<0.031		0.076	0.031	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
cis-1,3-Dichloropropene	<0.032	*-	0.076	0.032	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Dibromochloromethane	<0.037	*-	0.076	0.037	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Dibromomethane	<0.021		0.076	0.021	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Dichlorodifluoromethane	<0.051		0.23	0.051	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Ethylbenzene	<0.014		0.019	0.014	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Hexachlorobutadiene	<0.034		0.076	0.034	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Isopropyl ether	<0.021		0.076	0.021	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Isopropylbenzene	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Methyl tert-butyl ether	<0.030		0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Methylene Chloride	<0.12		0.38	0.12	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Naphthalene	<0.026		0.076	0.026	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
n-Butylbenzene	<0.030		0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
N-Propylbenzene	<0.032		0.076	0.032	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
p-Isopropyltoluene	<0.028		0.076	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3C **Lab Sample ID: 500-205277-6**
Date Collected: 09/14/21 11:30 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 78.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.030		0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Styrene	<0.029		0.076	0.029	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
tert-Butylbenzene	<0.030		0.076	0.030	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Tetrachloroethene	<0.028		0.076	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Toluene	<0.011		0.019	0.011	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
trans-1,2-Dichloroethene	<0.027		0.076	0.027	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
trans-1,3-Dichloropropene	<0.028	*-	0.076	0.028	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Trichloroethene	**0.14**		0.038	0.013	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Trichlorofluoromethane	<0.033		0.076	0.033	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Vinyl chloride	<0.020		0.076	0.020	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50
Xylenes, Total	<0.017		0.038	0.017	mg/Kg	☼	09/14/21 11:30	09/22/21 12:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*09/14/21 11:30*	*09/22/21 12:04*	*50*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*	*09/14/21 11:30*	*09/22/21 12:04*	*50*
Dibromofluoromethane	*91*		*75 - 120*	*09/14/21 11:30*	*09/22/21 12:04*	*50*
Toluene-d8 (Surr)	*100*		*75 - 120*	*09/14/21 11:30*	*09/22/21 12:04*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4A **Lab Sample ID: 500-205277-7**
Date Collected: 09/14/21 13:00 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 94.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.025		0.055	0.025	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,1,1-Trichloroethane	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,1,2,2-Tetrachloroethane	<0.022	*-	0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,1,2-Trichloroethane	<0.019		0.055	0.019	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,1-Dichloroethane	<0.022		0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,1-Dichloroethene	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,1-Dichloropropene	<0.016		0.055	0.016	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2,3-Trichlorobenzene	<0.025		0.055	0.025	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2,3-Trichloropropane	<0.023		0.11	0.023	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2,4-Trichlorobenzene	<0.019		0.055	0.019	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2,4-Trimethylbenzene	<0.020		0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2-Dibromo-3-Chloropropane	<0.11	*-	0.27	0.11	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2-Dibromoethane	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2-Dichlorobenzene	<0.018		0.055	0.018	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2-Dichloroethane	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,2-Dichloropropane	<0.023		0.055	0.023	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,3,5-Trimethylbenzene	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,3-Dichlorobenzene	<0.022		0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,3-Dichloropropane	<0.020		0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
1,4-Dichlorobenzene	<0.020		0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
2,2-Dichloropropane	<0.024		0.055	0.024	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
2-Chlorotoluene	<0.017		0.055	0.017	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
4-Chlorotoluene	<0.019		0.055	0.019	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Benzene	<0.0080		0.014	0.0080	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Bromobenzene	<0.020		0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Bromochloromethane	<0.023		0.055	0.023	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Bromodichloromethane	<0.020	*-	0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Bromoform	<0.027		0.055	0.027	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Bromomethane	<0.044		0.16	0.044	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Carbon tetrachloride	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Chlorobenzene	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Chloroethane	<0.028		0.055	0.028	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Chloroform	<0.020		0.11	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Chloromethane	<0.018		0.055	0.018	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
cis-1,2-Dichloroethene	<0.022		0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
cis-1,3-Dichloropropene	<0.023	*-	0.055	0.023	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Dibromochloromethane	<0.027	*-	0.055	0.027	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Dibromomethane	<0.015		0.055	0.015	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Dichlorodifluoromethane	<0.037		0.16	0.037	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Ethylbenzene	<0.010		0.014	0.010	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Hexachlorobutadiene	<0.024		0.055	0.024	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Isopropyl ether	<0.015		0.055	0.015	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Isopropylbenzene	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Methyl tert-butyl ether	<0.022		0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Methylene Chloride	<0.089		0.27	0.089	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Naphthalene	<0.018		0.055	0.018	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
n-Butylbenzene	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
N-Propylbenzene	<0.023		0.055	0.023	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
p-Isopropyltoluene	<0.020		0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4A **Lab Sample ID: 500-205277-7**
Date Collected: 09/14/21 13:00 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 94.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.022		0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Styrene	<0.021		0.055	0.021	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
tert-Butylbenzene	<0.022		0.055	0.022	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Tetrachloroethene	<0.020		0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Toluene	<0.0081		0.014	0.0081	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
trans-1,2-Dichloroethene	<0.019		0.055	0.019	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
trans-1,3-Dichloropropene	<0.020	*-	0.055	0.020	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Trichloroethene	<0.0090		0.027	0.0090	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Trichlorofluoromethane	<0.023		0.055	0.023	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Vinyl chloride	<0.014		0.055	0.014	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50
Xylenes, Total	<0.012		0.027	0.012	mg/Kg	☼	09/14/21 13:00	09/21/21 16:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*75 - 126*	*09/14/21 13:00*	*09/21/21 16:31*	*50*
4-Bromofluorobenzene (Surr)	*73*		*72 - 124*	*09/14/21 13:00*	*09/21/21 16:31*	*50*
Dibromofluoromethane	*86*		*75 - 120*	*09/14/21 13:00*	*09/21/21 16:31*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*09/14/21 13:00*	*09/21/21 16:31*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4B **Lab Sample ID: 500-205277-8**
Date Collected: 09/14/21 13:15 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 78.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.033		0.072	0.033	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,1,1-Trichloroethane	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,1,2,2-Tetrachloroethane	<0.029	*-	0.072	0.029	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,1,2-Trichloroethane	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,1-Dichloroethane	<0.030		0.072	0.030	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,1-Dichloroethene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,1-Dichloropropene	<0.022		0.072	0.022	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2,3-Trichlorobenzene	<0.033		0.072	0.033	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2,3-Trichloropropane	<0.030		0.14	0.030	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2,4-Trichlorobenzene	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2,4-Trimethylbenzene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2-Dibromo-3-Chloropropane	<0.14	*-	0.36	0.14	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2-Dibromoethane	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2-Dichlorobenzene	<0.024		0.072	0.024	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2-Dichloroethane	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,2-Dichloropropane	<0.031		0.072	0.031	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,3,5-Trimethylbenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,3-Dichlorobenzene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,3-Dichloropropane	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
1,4-Dichlorobenzene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
2,2-Dichloropropane	<0.032		0.072	0.032	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
2-Chlorotoluene	<0.023		0.072	0.023	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
4-Chlorotoluene	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Benzene	<0.011		0.018	0.011	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Bromobenzene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Bromochloromethane	<0.031		0.072	0.031	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Bromodichloromethane	<0.027	*-	0.072	0.027	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Bromoform	<0.035		0.072	0.035	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Bromomethane	<0.058		0.22	0.058	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Carbon tetrachloride	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Chlorobenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Chloroethane	<0.036		0.072	0.036	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Chloroform	<0.027		0.14	0.027	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Chloromethane	<0.023		0.072	0.023	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
cis-1,2-Dichloroethene	<0.030		0.072	0.030	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
cis-1,3-Dichloropropene	<0.030	*-	0.072	0.030	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Dibromochloromethane	<0.035	*-	0.072	0.035	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Dibromomethane	<0.020		0.072	0.020	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Dichlorodifluoromethane	<0.049		0.22	0.049	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Ethylbenzene	<0.013		0.018	0.013	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Hexachlorobutadiene	<0.032		0.072	0.032	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Isopropyl ether	<0.020		0.072	0.020	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Isopropylbenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Methyl tert-butyl ether	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Methylene Chloride	<0.12		0.36	0.12	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Naphthalene	<0.024		0.072	0.024	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
n-Butylbenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
N-Propylbenzene	<0.030		0.072	0.030	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
p-Isopropyltoluene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4B **Lab Sample ID: 500-205277-8**
Date Collected: 09/14/21 13:15 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 78.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Styrene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
tert-Butylbenzene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Tetrachloroethene	**0.53**		0.072	0.027	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Toluene	<0.011		0.018	0.011	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
trans-1,2-Dichloroethene	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
trans-1,3-Dichloropropene	<0.026	*-	0.072	0.026	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Trichloroethene	<0.012		0.036	0.012	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Trichlorofluoromethane	<0.031		0.072	0.031	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Vinyl chloride	<0.019		0.072	0.019	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50
Xylenes, Total	<0.016		0.036	0.016	mg/Kg	☼	09/14/21 13:15	09/21/21 16:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*	*09/14/21 13:15*	*09/21/21 16:58*	*50*
4-Bromofluorobenzene (Surr)	*73*		*72 - 124*	*09/14/21 13:15*	*09/21/21 16:58*	*50*
Dibromofluoromethane	*88*		*75 - 120*	*09/14/21 13:15*	*09/21/21 16:58*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*09/14/21 13:15*	*09/21/21 16:58*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4C **Lab Sample ID: 500-205277-9**
Date Collected: 09/14/21 13:30 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 81.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.033		0.072	0.033	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,1,1-Trichloroethane	<0.027		0.072	0.027	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,1,2,2-Tetrachloroethane	<0.029	*-	0.072	0.029	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,1,2-Trichloroethane	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,1-Dichloroethane	<0.030		0.072	0.030	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,1-Dichloroethene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,1-Dichloropropene	<0.021		0.072	0.021	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2,3-Trichlorobenzene	<0.033		0.072	0.033	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2,3-Trichloropropane	<0.030		0.14	0.030	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2,4-Trichlorobenzene	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2,4-Trimethylbenzene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2-Dibromo-3-Chloropropane	<0.14	*-	0.36	0.14	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2-Dibromoethane	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2-Dichlorobenzene	<0.024		0.072	0.024	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2-Dichloroethane	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,2-Dichloropropane	<0.031		0.072	0.031	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,3,5-Trimethylbenzene	<0.027		0.072	0.027	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,3-Dichlorobenzene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,3-Dichloropropane	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
1,4-Dichlorobenzene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
2,2-Dichloropropane	<0.032		0.072	0.032	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
2-Chlorotoluene	<0.023		0.072	0.023	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
4-Chlorotoluene	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Benzene	<0.011		0.018	0.011	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Bromobenzene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Bromochloromethane	<0.031		0.072	0.031	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Bromodichloromethane	<0.027	*-	0.072	0.027	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Bromoform	<0.035		0.072	0.035	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Bromomethane	<0.057		0.22	0.057	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Carbon tetrachloride	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Chlorobenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Chloroethane	<0.036		0.072	0.036	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Chloroform	<0.027		0.14	0.027	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Chloromethane	<0.023		0.072	0.023	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
cis-1,2-Dichloroethene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
cis-1,3-Dichloropropene	<0.030	*-	0.072	0.030	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Dibromochloromethane	<0.035	*-	0.072	0.035	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Dibromomethane	<0.019		0.072	0.019	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Dichlorodifluoromethane	<0.049		0.22	0.049	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Ethylbenzene	<0.013		0.018	0.013	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Hexachlorobutadiene	<0.032		0.072	0.032	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Isopropyl ether	<0.020		0.072	0.020	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Isopropylbenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Methyl tert-butyl ether	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Methylene Chloride	<0.12		0.36	0.12	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Naphthalene	<0.024		0.072	0.024	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
n-Butylbenzene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
N-Propylbenzene	<0.030		0.072	0.030	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
p-Isopropyltoluene	<0.026		0.072	0.026	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4C **Lab Sample ID: 500-205277-9**
Date Collected: 09/14/21 13:30 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 81.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Styrene	<0.028		0.072	0.028	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
tert-Butylbenzene	<0.029		0.072	0.029	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Tetrachloroethene	**2.2**		0.072	0.027	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Toluene	<0.011		0.018	0.011	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
trans-1,2-Dichloroethene	<0.025		0.072	0.025	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
trans-1,3-Dichloropropene	<0.026	*-	0.072	0.026	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Trichloroethene	<0.012		0.036	0.012	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Trichlorofluoromethane	<0.031		0.072	0.031	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Vinyl chloride	<0.019		0.072	0.019	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50
Xylenes, Total	<0.016		0.036	0.016	mg/Kg	☼	09/14/21 13:30	09/21/21 17:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*75 - 126*	*09/14/21 13:30*	*09/21/21 17:25*	*50*
4-Bromofluorobenzene (Surr)	*72*		*72 - 124*	*09/14/21 13:30*	*09/21/21 17:25*	*50*
Dibromofluoromethane	*88*		*75 - 120*	*09/14/21 13:30*	*09/21/21 17:25*	*50*
Toluene-d8 (Surr)	*91*		*75 - 120*	*09/14/21 13:30*	*09/21/21 17:25*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MeOH Blank
Lab Sample ID: 500-205277-10
Date Collected: 09/14/21 00:00
Matrix: Solid
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,1,2,2-Tetrachloroethane	<0.020	*-	0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2-Dibromo-3-Chloropropane	<0.10	*-	0.25	0.10	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Bromodichloromethane	<0.019	*-	0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Bromoform	<0.024		0.050	0.024	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Chloroform	<0.019		0.10	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
cis-1,3-Dichloropropene	<0.021	*-	0.050	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Dibromochloromethane	<0.024	*-	0.050	0.024	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MeOH Blank **Lab Sample ID: 500-205277-10**
Date Collected: 09/14/21 00:00 **Matrix: Solid**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Styrene	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
trans-1,3-Dichloropropene	<0.018	*-	0.050	0.018	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		09/14/21 00:00	09/22/21 11:20	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		09/14/21 00:00	09/22/21 11:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*09/14/21 00:00*	*09/22/21 11:20*	*50*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*	*09/14/21 00:00*	*09/22/21 11:20*	*50*
Dibromofluoromethane	*91*		*75 - 120*	*09/14/21 00:00*	*09/22/21 11:20*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*	*09/14/21 00:00*	*09/22/21 11:20*	*50*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-1 **Lab Sample ID: 500-205277-11**
Date Collected: 09/15/21 08:00 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/21/21 18:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/21/21 18:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/21/21 18:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/21/21 18:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/21/21 18:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/21/21 18:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/21/21 18:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/21/21 18:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/21/21 18:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/21/21 18:19	1
1,2-Dibromo-3-Chloropropane	<2.0	*-	5.0	2.0	ug/L			09/21/21 18:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/21/21 18:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/21/21 18:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/21/21 18:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/21/21 18:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/21/21 18:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/21/21 18:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/21/21 18:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/21/21 18:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/21/21 18:19	1
Benzene	<0.15		0.50	0.15	ug/L			09/21/21 18:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/21/21 18:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/21/21 18:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/21/21 18:19	1
Bromoform	<0.48		1.0	0.48	ug/L			09/21/21 18:19	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/21/21 18:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/21/21 18:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/21/21 18:19	1
Chloroform	<0.37		2.0	0.37	ug/L			09/21/21 18:19	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/21/21 18:19	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/21/21 18:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/21/21 18:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/21/21 18:19	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/21/21 18:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/21/21 18:19	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			09/21/21 18:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/21/21 18:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/21/21 18:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/21/21 18:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/21/21 18:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/21/21 18:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/21/21 18:19	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-1 **Lab Sample ID: 500-205277-11**
Date Collected: 09/15/21 08:00 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/21/21 18:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 18:19	1
Styrene	<0.39		1.0	0.39	ug/L			09/21/21 18:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 18:19	1
Tetrachloroethene	**3.2**		1.0	0.37	ug/L			09/21/21 18:19	1
Toluene	<0.15		0.50	0.15	ug/L			09/21/21 18:19	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/21/21 18:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/21/21 18:19	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/21/21 18:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/21/21 18:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/21/21 18:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/21/21 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*		*09/21/21 18:19*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 124*		*09/21/21 18:19*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*09/21/21 18:19*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*09/21/21 18:19*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-2 **Lab Sample ID: 500-205277-12**
Date Collected: 09/15/21 08:30 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/21/21 18:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/21/21 18:46	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/21/21 18:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/21/21 18:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/21/21 18:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/21/21 18:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/21/21 18:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/21/21 18:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/21/21 18:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/21/21 18:46	1
1,2-Dibromo-3-Chloropropane	<2.0	*-	5.0	2.0	ug/L			09/21/21 18:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/21/21 18:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/21/21 18:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/21/21 18:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/21/21 18:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/21/21 18:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/21/21 18:46	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/21/21 18:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/21/21 18:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/21/21 18:46	1
Benzene	<0.15		0.50	0.15	ug/L			09/21/21 18:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/21/21 18:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/21/21 18:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/21/21 18:46	1
Bromoform	<0.48		1.0	0.48	ug/L			09/21/21 18:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/21/21 18:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/21/21 18:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/21/21 18:46	1
Chloroform	<0.37		2.0	0.37	ug/L			09/21/21 18:46	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/21/21 18:46	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/21/21 18:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/21/21 18:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/21/21 18:46	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/21/21 18:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/21/21 18:46	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			09/21/21 18:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/21/21 18:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/21/21 18:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/21/21 18:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/21/21 18:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/21/21 18:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/21/21 18:46	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-2 **Lab Sample ID: 500-205277-12**
Date Collected: 09/15/21 08:30 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/21/21 18:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 18:46	1
Styrene	<0.39		1.0	0.39	ug/L			09/21/21 18:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 18:46	1
Tetrachloroethene	**12**		1.0	0.37	ug/L			09/21/21 18:46	1
Toluene	<0.15		0.50	0.15	ug/L			09/21/21 18:46	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/21/21 18:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/21/21 18:46	1
Trichloroethene	**0.24**	**J**	0.50	0.16	ug/L			09/21/21 18:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/21/21 18:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/21/21 18:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/21/21 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*75 - 126*		*09/21/21 18:46*	*1*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*		*09/21/21 18:46*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*09/21/21 18:46*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*09/21/21 18:46*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-3 **Lab Sample ID: 500-205277-13**
Date Collected: 09/15/21 09:00 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/22/21 12:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/22/21 12:26	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/22/21 12:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/22/21 12:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/22/21 12:26	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/22/21 12:26	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/22/21 12:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/22/21 12:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/22/21 12:26	1
1,2,4-Trimethylbenzene	**0.64**	**J**	1.0	0.36	ug/L			09/22/21 12:26	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/22/21 12:26	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/22/21 12:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/22/21 12:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/22/21 12:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/22/21 12:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/22/21 12:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/22/21 12:26	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/22/21 12:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/22/21 12:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/22/21 12:26	1
Benzene	**0.31**	**J**	0.50	0.15	ug/L			09/22/21 12:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/22/21 12:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/22/21 12:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/22/21 12:26	1
Bromoform	<0.48		1.0	0.48	ug/L			09/22/21 12:26	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/22/21 12:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/22/21 12:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/22/21 12:26	1
Chloroform	<0.37		2.0	0.37	ug/L			09/22/21 12:26	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/22/21 12:26	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/22/21 12:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/22/21 12:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/22/21 12:26	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/22/21 12:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/22/21 12:26	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			09/22/21 12:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/22/21 12:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/22/21 12:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/22/21 12:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/22/21 12:26	1
Naphthalene	**0.36**	**J**	1.0	0.34	ug/L			09/22/21 12:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/22/21 12:26	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-3 **Lab Sample ID: 500-205277-13**
Date Collected: 09/15/21 09:00 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/22/21 12:26	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/22/21 12:26	1
Styrene	<0.39		1.0	0.39	ug/L			09/22/21 12:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/22/21 12:26	1
Toluene	<0.15		0.50	0.15	ug/L			09/22/21 12:26	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/22/21 12:26	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/22/21 12:26	1
Trichloroethene	**20**		0.50	0.16	ug/L			09/22/21 12:26	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/22/21 12:26	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/22/21 12:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/22/21 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*09/22/21 12:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*09/22/21 12:26*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*09/22/21 12:26*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/22/21 12:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**560**		10	3.7	ug/L			09/22/21 12:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*09/22/21 12:48*	*10*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*09/22/21 12:48*	*10*
Dibromofluoromethane	*94*		*75 - 120*		*09/22/21 12:48*	*10*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/22/21 12:48*	*10*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: Trip Blank
Lab Sample ID: 500-205277-14
Date Collected: 09/15/21 00:00
Matrix: Water
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/21/21 17:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/21/21 17:52	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/21/21 17:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/21/21 17:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/21/21 17:52	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/21/21 17:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/21/21 17:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/21/21 17:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/21/21 17:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/21/21 17:52	1
1,2-Dibromo-3-Chloropropane	<2.0	*-	5.0	2.0	ug/L			09/21/21 17:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/21/21 17:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/21/21 17:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/21/21 17:52	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/21/21 17:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/21/21 17:52	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/21/21 17:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/21/21 17:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/21/21 17:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/21/21 17:52	1
Benzene	<0.15		0.50	0.15	ug/L			09/21/21 17:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/21/21 17:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/21/21 17:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/21/21 17:52	1
Bromoform	<0.48		1.0	0.48	ug/L			09/21/21 17:52	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/21/21 17:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/21/21 17:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/21/21 17:52	1
Chloroform	<0.37		2.0	0.37	ug/L			09/21/21 17:52	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/21/21 17:52	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/21/21 17:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/21/21 17:52	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/21/21 17:52	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/21/21 17:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/21/21 17:52	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			09/21/21 17:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/21/21 17:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/21/21 17:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/21/21 17:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/21/21 17:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/21/21 17:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/21/21 17:52	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: Trip Blank
Lab Sample ID: 500-205277-14
Date Collected: 09/15/21 00:00
Matrix: Water
Date Received: 09/16/21 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/21/21 17:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 17:52	1
Styrene	<0.39		1.0	0.39	ug/L			09/21/21 17:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 17:52	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/21/21 17:52	1
Toluene	<0.15		0.50	0.15	ug/L			09/21/21 17:52	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/21/21 17:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/21/21 17:52	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/21/21 17:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/21/21 17:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/21/21 17:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/21/21 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*75 - 126*		*09/21/21 17:52*	*1*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*		*09/21/21 17:52*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*09/21/21 17:52*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*09/21/21 17:52*	*1*

Definitions/Glossary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

GC/MS VOA

Prep Batch: 619000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205277-1	GP-2A	Total/NA	Solid	5035	
500-205277-2	GP-2B	Total/NA	Solid	5035	
500-205277-3	GP-2C	Total/NA	Solid	5035	
500-205277-4	GP-3A	Total/NA	Solid	5035	
500-205277-5	GP-3B	Total/NA	Solid	5035	
500-205277-6	GP-3C	Total/NA	Solid	5035	
500-205277-7	GP-4A	Total/NA	Solid	5035	
500-205277-8	GP-4B	Total/NA	Solid	5035	
500-205277-9	GP-4C	Total/NA	Solid	5035	
500-205277-10	MeOH Blank	Total/NA	Solid	5035	
LB3 500-619000/20-A	Method Blank	Total/NA	Solid	5035	
LCS 500-619000/21-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 619450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205277-2	GP-2B	Total/NA	Solid	8260B	619000
500-205277-3	GP-2C	Total/NA	Solid	8260B	619000
500-205277-4	GP-3A	Total/NA	Solid	8260B	619000
500-205277-5	GP-3B	Total/NA	Solid	8260B	619000
500-205277-7	GP-4A	Total/NA	Solid	8260B	619000
500-205277-8	GP-4B	Total/NA	Solid	8260B	619000
500-205277-9	GP-4C	Total/NA	Solid	8260B	619000
MB 500-619450/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-619000/21-A	Lab Control Sample	Total/NA	Solid	8260B	619000
LCS 500-619450/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 619451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205277-11	MW-1	Total/NA	Ground Water	8260B	
500-205277-12	MW-2	Total/NA	Ground Water	8260B	
500-205277-14	Trip Blank	Total/NA	Water	8260B	
MB 500-619451/6	Method Blank	Total/NA	Water	8260B	
LCS 500-619451/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 619705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205277-1	GP-2A	Total/NA	Solid	8260B	619000
500-205277-6	GP-3C	Total/NA	Solid	8260B	619000
500-205277-10	MeOH Blank	Total/NA	Solid	8260B	619000
LB3 500-619000/20-A	Method Blank	Total/NA	Solid	8260B	619000
MB 500-619705/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-619705/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 619706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205277-13	MW-3	Total/NA	Ground Water	8260B	
500-205277-13 - DL	MW-3	Total/NA	Ground Water	8260B	
MB 500-619706/6	Method Blank	Total/NA	Water	8260B	
LCS 500-619706/4	Lab Control Sample	Total/NA	Water	8260B	

QC Association Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

General Chemistry

Analysis Batch: 618932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205277-1	GP-2A	Total/NA	Solid	Moisture	
500-205277-2	GP-2B	Total/NA	Solid	Moisture	
500-205277-3	GP-2C	Total/NA	Solid	Moisture	
500-205277-4	GP-3A	Total/NA	Solid	Moisture	
500-205277-5	GP-3B	Total/NA	Solid	Moisture	
500-205277-6	GP-3C	Total/NA	Solid	Moisture	
500-205277-7	GP-4A	Total/NA	Solid	Moisture	
500-205277-8	GP-4B	Total/NA	Solid	Moisture	
500-205277-9	GP-4C	Total/NA	Solid	Moisture	

Surrogate Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

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

Matrix: Ground Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-205277-11	MW-1	76	75	93	90
500-205277-12	MW-2	77	74	93	91
500-205277-13	MW-3	92	95	93	102
500-205277-13 - DL	MW-3	93	96	94	99

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-205277-1	GP-2A	93	96	92	101
500-205277-2	GP-2B	75	75	88	92
500-205277-3	GP-2C	76	74	89	91
500-205277-4	GP-3A	76	74	87	91
500-205277-5	GP-3B	76	73	88	90
500-205277-6	GP-3C	91	95	91	100
500-205277-7	GP-4A	75	73	86	91
500-205277-8	GP-4B	76	73	88	91
500-205277-9	GP-4C	75	72	88	91
500-205277-10	MeOH Blank	91	95	91	99
LB3 500-619000/20-A	Method Blank	89	95	90	100
LCS 500-619000/21-A	Lab Control Sample	75	72	95	91
LCS 500-619450/4	Lab Control Sample	76	74	96	92
LCS 500-619705/4	Lab Control Sample	95	97	96	98
MB 500-619450/6	Method Blank	78	75	96	90
MB 500-619705/6	Method Blank	96	98	96	99

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-205277-14	Trip Blank	75	74	90	91
LCS 500-619451/4	Lab Control Sample	76	74	96	92
LCS 500-619706/4	Lab Control Sample	95	97	96	98
MB 500-619451/6	Method Blank	78	75	96	90
MB 500-619706/6	Method Blank	96	98	96	99

Surrogate Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Surrogate Legend

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

QC Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

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

Lab Sample ID: LB3 500-619000/20-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 619705 **Prep Batch: 619000**

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2-Dibromoethane	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Bromodichloromethane	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Bromoform	<0.024		0.050	0.024	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Chloroform	<0.019		0.10	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Chloromethane	<0.016		0.050	0.016	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: LB3 500-619000/20-A
Matrix: Solid
Analysis Batch: 619705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 619000

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Styrene	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Toluene	<0.0074		0.013	0.0074	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		09/16/21 20:00	09/22/21 10:58	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		09/16/21 20:00	09/22/21 10:58	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*09/16/21 20:00*	*09/22/21 10:58*	*50*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*	*09/16/21 20:00*	*09/22/21 10:58*	*50*
Dibromofluoromethane	*90*		*75 - 120*	*09/16/21 20:00*	*09/22/21 10:58*	*50*
Toluene-d8 (Surr)	*100*		*75 - 120*	*09/16/21 20:00*	*09/22/21 10:58*	*50*

Lab Sample ID: LCS 500-619000/21-A
Matrix: Solid
Analysis Batch: 619450

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 619000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.50	2.25		mg/Kg		90	70 - 125
1,1,1-Trichloroethane	2.50	2.13		mg/Kg		85	70 - 125
1,1,2,2-Tetrachloroethane	2.50	1.45	*-	mg/Kg		58	62 - 140
1,1,2-Trichloroethane	2.50	1.88		mg/Kg		75	71 - 130
1,1-Dichloroethane	2.50	2.07		mg/Kg		83	70 - 125
1,1-Dichloroethene	2.50	2.36		mg/Kg		94	67 - 122
1,1-Dichloropropene	2.50	2.15		mg/Kg		86	70 - 121
1,2,3-Trichlorobenzene	2.50	2.87		mg/Kg		115	51 - 145
1,2,3-Trichloropropane	2.50	1.50		mg/Kg		60	50 - 133
1,2,4-Trichlorobenzene	2.50	2.74		mg/Kg		109	57 - 137
1,2,4-Trimethylbenzene	2.50	2.13		mg/Kg		85	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	1.14	*-	mg/Kg		45	56 - 123
1,2-Dibromoethane	2.50	1.86		mg/Kg		74	70 - 125
1,2-Dichlorobenzene	2.50	2.19		mg/Kg		88	70 - 125
1,2-Dichloroethane	2.50	1.84		mg/Kg		74	68 - 127
1,2-Dichloropropane	2.50	2.16		mg/Kg		86	67 - 130
1,3,5-Trimethylbenzene	2.50	2.15		mg/Kg		86	70 - 123
1,3-Dichlorobenzene	2.50	2.23		mg/Kg		89	70 - 125
1,3-Dichloropropane	2.50	1.79		mg/Kg		71	62 - 136
1,4-Dichlorobenzene	2.50	2.19		mg/Kg		88	70 - 120
2,2-Dichloropropane	2.50	1.62		mg/Kg		65	58 - 139
2-Chlorotoluene	2.50	1.89		mg/Kg		76	70 - 125
4-Chlorotoluene	2.50	1.81		mg/Kg		73	68 - 124
Benzene	2.50	2.27		mg/Kg		91	70 - 120

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: LCS 500-619000/21-A
Matrix: Solid
Analysis Batch: 619450

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 619000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2.50	1.97		mg/Kg		79	70 - 122
Bromochloromethane	2.50	2.61		mg/Kg		104	65 - 122
Bromodichloromethane	2.50	1.71	*-	mg/Kg		68	69 - 120
Bromoform	2.50	1.56		mg/Kg		62	56 - 132
Bromomethane	2.50	2.19		mg/Kg		88	40 - 152
Carbon tetrachloride	2.50	2.16		mg/Kg		86	59 - 133
Chlorobenzene	2.50	2.28		mg/Kg		91	70 - 120
Chloroethane	2.50	2.07		mg/Kg		83	48 - 136
Chloroform	2.50	2.07		mg/Kg		83	70 - 120
Chloromethane	2.50	2.17		mg/Kg		87	56 - 152
cis-1,2-Dichloroethene	2.50	2.36		mg/Kg		94	70 - 125
cis-1,3-Dichloropropene	2.50	1.58	*-	mg/Kg		63	64 - 127
Dibromochloromethane	2.50	1.59	*-	mg/Kg		64	68 - 125
Dibromomethane	2.50	2.08		mg/Kg		83	70 - 120
Dichlorodifluoromethane	2.50	1.55		mg/Kg		62	40 - 159
Ethylbenzene	2.50	2.32		mg/Kg		93	70 - 123
Hexachlorobutadiene	2.50	3.51		mg/Kg		140	51 - 150
Isopropylbenzene	2.50	2.07		mg/Kg		83	70 - 126
Methyl tert-butyl ether	2.50	2.08		mg/Kg		83	55 - 123
Methylene Chloride	2.50	2.29		mg/Kg		91	69 - 125
Naphthalene	2.50	2.40		mg/Kg		96	53 - 144
n-Butylbenzene	2.50	2.23		mg/Kg		89	68 - 125
N-Propylbenzene	2.50	1.93		mg/Kg		77	69 - 127
p-Isopropyltoluene	2.50	2.51		mg/Kg		100	70 - 125
sec-Butylbenzene	2.50	2.29		mg/Kg		91	70 - 123
Styrene	2.50	2.22		mg/Kg		89	70 - 120
tert-Butylbenzene	2.50	2.38		mg/Kg		95	70 - 121
Tetrachloroethene	2.50	2.55		mg/Kg		102	70 - 128
Toluene	2.50	2.15		mg/Kg		86	70 - 125
trans-1,2-Dichloroethene	2.50	2.33		mg/Kg		93	70 - 125
trans-1,3-Dichloropropene	2.50	1.40	*-	mg/Kg		56	62 - 128
Trichloroethene	2.50	2.62		mg/Kg		105	70 - 125
Trichlorofluoromethane	2.50	2.05		mg/Kg		82	55 - 128
Vinyl chloride	2.50	2.19		mg/Kg		88	64 - 126
Xylenes, Total	5.00	4.65		mg/Kg		93	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*75*		*75 - 126*
4-Bromofluorobenzene (Surr)	*72*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*
Toluene-d8 (Surr)	*91*		*75 - 120*

Lab Sample ID: MB 500-619450/6
Matrix: Solid
Analysis Batch: 619450

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			09/21/21 11:36	1

QC Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

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

Lab Sample ID: MB 500-619450/6 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 619450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			09/21/21 11:36	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			09/21/21 11:36	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			09/21/21 11:36	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			09/21/21 11:36	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			09/21/21 11:36	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			09/21/21 11:36	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			09/21/21 11:36	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			09/21/21 11:36	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			09/21/21 11:36	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			09/21/21 11:36	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			09/21/21 11:36	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			09/21/21 11:36	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			09/21/21 11:36	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			09/21/21 11:36	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			09/21/21 11:36	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			09/21/21 11:36	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			09/21/21 11:36	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			09/21/21 11:36	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			09/21/21 11:36	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			09/21/21 11:36	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			09/21/21 11:36	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			09/21/21 11:36	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			09/21/21 11:36	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			09/21/21 11:36	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			09/21/21 11:36	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			09/21/21 11:36	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			09/21/21 11:36	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			09/21/21 11:36	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			09/21/21 11:36	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			09/21/21 11:36	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			09/21/21 11:36	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			09/21/21 11:36	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			09/21/21 11:36	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			09/21/21 11:36	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			09/21/21 11:36	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			09/21/21 11:36	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			09/21/21 11:36	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			09/21/21 11:36	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			09/21/21 11:36	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			09/21/21 11:36	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			09/21/21 11:36	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			09/21/21 11:36	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			09/21/21 11:36	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: MB 500-619450/6
Matrix: Solid
Analysis Batch: 619450

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.00039		0.0010	0.00039	mg/Kg			09/21/21 11:36	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			09/21/21 11:36	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			09/21/21 11:36	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			09/21/21 11:36	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			09/21/21 11:36	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			09/21/21 11:36	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			09/21/21 11:36	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			09/21/21 11:36	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			09/21/21 11:36	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			09/21/21 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*75 - 126*		*09/21/21 11:36*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 124*		*09/21/21 11:36*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*09/21/21 11:36*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*09/21/21 11:36*	*1*

Lab Sample ID: LCS 500-619450/4
Matrix: Solid
Analysis Batch: 619450

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0487		mg/Kg		97	70 - 125
1,1,1-Trichloroethane	0.0500	0.0459		mg/Kg		92	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0328		mg/Kg		66	62 - 140
1,1,2-Trichloroethane	0.0500	0.0399		mg/Kg		80	71 - 130
1,1-Dichloroethane	0.0500	0.0437		mg/Kg		87	70 - 125
1,1-Dichloroethene	0.0500	0.0537		mg/Kg		107	67 - 122
1,1-Dichloropropene	0.0500	0.0465		mg/Kg		93	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0593		mg/Kg		119	51 - 145
1,2,3-Trichloropropane	0.0500	0.0347		mg/Kg		69	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0569		mg/Kg		114	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0446		mg/Kg		89	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0274	*-	mg/Kg		55	56 - 123
1,2-Dibromoethane	0.0500	0.0400		mg/Kg		80	70 - 125
1,2-Dichlorobenzene	0.0500	0.0456		mg/Kg		91	70 - 125
1,2-Dichloroethane	0.0500	0.0382		mg/Kg		76	68 - 127
1,2-Dichloropropane	0.0500	0.0438		mg/Kg		88	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0454		mg/Kg		91	70 - 123
1,3-Dichlorobenzene	0.0500	0.0465		mg/Kg		93	70 - 125
1,3-Dichloropropane	0.0500	0.0380		mg/Kg		76	62 - 136
1,4-Dichlorobenzene	0.0500	0.0460		mg/Kg		92	70 - 120
2,2-Dichloropropane	0.0500	0.0329		mg/Kg		66	58 - 139
2-Chlorotoluene	0.0500	0.0401		mg/Kg		80	70 - 125
4-Chlorotoluene	0.0500	0.0384		mg/Kg		77	68 - 124
Benzene	0.0500	0.0465		mg/Kg		93	70 - 120
Bromobenzene	0.0500	0.0420		mg/Kg		84	70 - 122
Bromochloromethane	0.0500	0.0540		mg/Kg		108	65 - 122

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: LCS 500-619450/4
Matrix: Solid
Analysis Batch: 619450

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	0.0500	0.0371		mg/Kg		74	69 - 120
Bromoform	0.0500	0.0392		mg/Kg		78	56 - 132
Bromomethane	0.0500	0.0573		mg/Kg		115	40 - 152
Carbon tetrachloride	0.0500	0.0484		mg/Kg		97	59 - 133
Chlorobenzene	0.0500	0.0471		mg/Kg		94	70 - 120
Chloroethane	0.0500	0.0577		mg/Kg		115	48 - 136
Chloroform	0.0500	0.0426		mg/Kg		85	70 - 120
Chloromethane	0.0500	0.0436		mg/Kg		87	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0490		mg/Kg		98	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0349		mg/Kg		70	64 - 127
Dibromochloromethane	0.0500	0.0383		mg/Kg		77	68 - 125
Dibromomethane	0.0500	0.0443		mg/Kg		89	70 - 120
Dichlorodifluoromethane	0.0500	0.0406		mg/Kg		81	40 - 159
Ethylbenzene	0.0500	0.0491		mg/Kg		98	70 - 123
Hexachlorobutadiene	0.0500	0.0689		mg/Kg		138	51 - 150
Isopropylbenzene	0.0500	0.0448		mg/Kg		90	70 - 126
Methyl tert-butyl ether	0.0500	0.0397		mg/Kg		79	55 - 123
Methylene Chloride	0.0500	0.0469		mg/Kg		94	69 - 125
Naphthalene	0.0500	0.0505		mg/Kg		101	53 - 144
n-Butylbenzene	0.0500	0.0471		mg/Kg		94	68 - 125
N-Propylbenzene	0.0500	0.0421		mg/Kg		84	69 - 127
p-Isopropyltoluene	0.0500	0.0531		mg/Kg		106	70 - 125
sec-Butylbenzene	0.0500	0.0482		mg/Kg		96	70 - 123
Styrene	0.0500	0.0458		mg/Kg		92	70 - 120
tert-Butylbenzene	0.0500	0.0501		mg/Kg		100	70 - 121
Tetrachloroethene	0.0500	0.0560		mg/Kg		112	70 - 128
Toluene	0.0500	0.0455		mg/Kg		91	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0505		mg/Kg		101	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0309		mg/Kg		62	62 - 128
Trichloroethene	0.0500	0.0543		mg/Kg		109	70 - 125
Trichlorofluoromethane	0.0500	0.0455		mg/Kg		91	55 - 128
Vinyl chloride	0.0500	0.0456		mg/Kg		91	64 - 126
Xylenes, Total	0.100	0.0963		mg/Kg		96	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
Toluene-d8 (Surr)	*92*		*75 - 120*

Lab Sample ID: MB 500-619451/6
Matrix: Water
Analysis Batch: 619451

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/21/21 11:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/21/21 11:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/21/21 11:36	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: MB 500-619451/6
Matrix: Water
Analysis Batch: 619451

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/21/21 11:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/21/21 11:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/21/21 11:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/21/21 11:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/21/21 11:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/21/21 11:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/21/21 11:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/21/21 11:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/21/21 11:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/21/21 11:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/21/21 11:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/21/21 11:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/21/21 11:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/21/21 11:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/21/21 11:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/21/21 11:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/21/21 11:36	1
Benzene	<0.15		0.50	0.15	ug/L			09/21/21 11:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/21/21 11:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/21/21 11:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/21/21 11:36	1
Bromoform	<0.48		1.0	0.48	ug/L			09/21/21 11:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/21/21 11:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/21/21 11:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/21/21 11:36	1
Chloroform	<0.37		2.0	0.37	ug/L			09/21/21 11:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/21/21 11:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/21/21 11:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/21/21 11:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/21/21 11:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/21/21 11:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/21/21 11:36	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			09/21/21 11:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/21/21 11:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/21/21 11:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/21/21 11:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/21/21 11:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/21/21 11:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/21/21 11:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/21/21 11:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 11:36	1
Styrene	<0.39		1.0	0.39	ug/L			09/21/21 11:36	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: MB 500-619451/6
Matrix: Water
Analysis Batch: 619451

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/21/21 11:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/21/21 11:36	1
Toluene	<0.15		0.50	0.15	ug/L			09/21/21 11:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/21/21 11:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/21/21 11:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/21/21 11:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/21/21 11:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/21/21 11:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/21/21 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*75 - 126*		*09/21/21 11:36*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 124*		*09/21/21 11:36*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*09/21/21 11:36*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*09/21/21 11:36*	*1*

Lab Sample ID: LCS 500-619451/4
Matrix: Water
Analysis Batch: 619451

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.7		ug/L		97	70 - 125
1,1,1-Trichloroethane	50.0	45.9		ug/L		92	70 - 125
1,1,2,2-Tetrachloroethane	50.0	32.8		ug/L		66	62 - 140
1,1,2-Trichloroethane	50.0	39.9		ug/L		80	71 - 130
1,1-Dichloroethane	50.0	43.7		ug/L		87	70 - 125
1,1-Dichloroethene	50.0	53.7		ug/L		107	67 - 122
1,1-Dichloropropene	50.0	46.5		ug/L		93	70 - 121
1,2,3-Trichlorobenzene	50.0	59.3		ug/L		119	51 - 145
1,2,3-Trichloropropane	50.0	34.7		ug/L		69	50 - 133
1,2,4-Trichlorobenzene	50.0	56.9		ug/L		114	57 - 137
1,2,4-Trimethylbenzene	50.0	44.6		ug/L		89	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	27.4	*-	ug/L		55	56 - 123
1,2-Dibromoethane	50.0	40.0		ug/L		80	70 - 125
1,2-Dichlorobenzene	50.0	45.6		ug/L		91	70 - 125
1,2-Dichloroethane	50.0	38.2		ug/L		76	68 - 127
1,2-Dichloropropane	50.0	43.8		ug/L		88	67 - 130
1,3,5-Trimethylbenzene	50.0	45.4		ug/L		91	70 - 123
1,3-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 125
1,3-Dichloropropane	50.0	38.0		ug/L		76	62 - 136
1,4-Dichlorobenzene	50.0	46.0		ug/L		92	70 - 120
2,2-Dichloropropane	50.0	32.9		ug/L		66	58 - 139
2-Chlorotoluene	50.0	40.1		ug/L		80	70 - 125
4-Chlorotoluene	50.0	38.4		ug/L		77	68 - 124
Benzene	50.0	46.5		ug/L		93	70 - 120
Bromobenzene	50.0	42.0		ug/L		84	70 - 122
Bromochloromethane	50.0	54.0		ug/L		108	65 - 122
Bromodichloromethane	50.0	37.1		ug/L		74	69 - 120

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: LCS 500-619451/4
Matrix: Water
Analysis Batch: 619451

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	39.2		ug/L		78	56 - 132
Bromomethane	50.0	57.3		ug/L		115	40 - 152
Carbon tetrachloride	50.0	48.4		ug/L		97	59 - 133
Chlorobenzene	50.0	47.1		ug/L		94	70 - 120
Chloroethane	50.0	57.7		ug/L		115	48 - 136
Chloroform	50.0	42.6		ug/L		85	70 - 120
Chloromethane	50.0	43.6		ug/L		87	56 - 152
cis-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 125
cis-1,3-Dichloropropene	50.0	34.9		ug/L		70	64 - 127
Dibromochloromethane	50.0	38.3		ug/L		77	68 - 125
Dibromomethane	50.0	44.3		ug/L		89	70 - 120
Dichlorodifluoromethane	50.0	40.6		ug/L		81	40 - 159
Dichlorofluoromethane	50.0	46.5		ug/L		93	69 - 124
Ethylbenzene	50.0	49.1		ug/L		98	70 - 123
Hexachlorobutadiene	50.0	68.9		ug/L		138	51 - 150
Isopropylbenzene	50.0	44.8		ug/L		90	70 - 126
Methyl tert-butyl ether	50.0	39.7		ug/L		79	55 - 123
Methylene Chloride	50.0	46.9		ug/L		94	69 - 125
Naphthalene	50.0	50.5		ug/L		101	53 - 144
n-Butylbenzene	50.0	47.1		ug/L		94	68 - 125
N-Propylbenzene	50.0	42.1		ug/L		84	69 - 127
p-Isopropyltoluene	50.0	53.1		ug/L		106	70 - 125
sec-Butylbenzene	50.0	48.2		ug/L		96	70 - 123
Styrene	50.0	45.8		ug/L		92	70 - 120
tert-Butylbenzene	50.0	50.1		ug/L		100	70 - 121
Tetrachloroethene	50.0	56.0		ug/L		112	70 - 128
Toluene	50.0	45.5		ug/L		91	70 - 125
trans-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 125
trans-1,3-Dichloropropene	50.0	30.9		ug/L		62	62 - 128
Trichloroethene	50.0	54.3		ug/L		109	70 - 125
Trichlorofluoromethane	50.0	45.5		ug/L		91	55 - 128
Vinyl chloride	50.0	45.6		ug/L		91	64 - 126
Xylenes, Total	100	96.3		ug/L		96	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*76*		*75 - 126*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
Toluene-d8 (Surr)	*92*		*75 - 120*

Lab Sample ID: MB 500-619705/6
Matrix: Solid
Analysis Batch: 619705

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			09/22/21 10:36	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			09/22/21 10:36	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			09/22/21 10:36	1

QC Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

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

Lab Sample ID: MB 500-619705/6 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 619705

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			09/22/21 10:36	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			09/22/21 10:36	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			09/22/21 10:36	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			09/22/21 10:36	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			09/22/21 10:36	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			09/22/21 10:36	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			09/22/21 10:36	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			09/22/21 10:36	1
1,2-Dibromoethane	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			09/22/21 10:36	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			09/22/21 10:36	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			09/22/21 10:36	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			09/22/21 10:36	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			09/22/21 10:36	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			09/22/21 10:36	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			09/22/21 10:36	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			09/22/21 10:36	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			09/22/21 10:36	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			09/22/21 10:36	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			09/22/21 10:36	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			09/22/21 10:36	1
Bromodichloromethane	<0.00037		0.0010	0.00037	mg/Kg			09/22/21 10:36	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			09/22/21 10:36	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			09/22/21 10:36	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			09/22/21 10:36	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			09/22/21 10:36	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			09/22/21 10:36	1
Chloromethane	<0.00032		0.0010	0.00032	mg/Kg			09/22/21 10:36	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			09/22/21 10:36	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			09/22/21 10:36	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			09/22/21 10:36	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			09/22/21 10:36	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			09/22/21 10:36	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			09/22/21 10:36	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			09/22/21 10:36	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			09/22/21 10:36	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			09/22/21 10:36	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			09/22/21 10:36	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			09/22/21 10:36	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			09/22/21 10:36	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			09/22/21 10:36	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			09/22/21 10:36	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			09/22/21 10:36	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			09/22/21 10:36	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: MB 500-619705/6
Matrix: Solid
Analysis Batch: 619705

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			09/22/21 10:36	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			09/22/21 10:36	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			09/22/21 10:36	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			09/22/21 10:36	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			09/22/21 10:36	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			09/22/21 10:36	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			09/22/21 10:36	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			09/22/21 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*09/22/21 10:36*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*09/22/21 10:36*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*09/22/21 10:36*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/22/21 10:36*	*1*

Lab Sample ID: LCS 500-619705/4
Matrix: Solid
Analysis Batch: 619705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0479		mg/Kg		96	70 - 125
1,1,1-Trichloroethane	0.0500	0.0501		mg/Kg		100	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0467		mg/Kg		93	62 - 140
1,1,2-Trichloroethane	0.0500	0.0475		mg/Kg		95	71 - 130
1,1-Dichloroethane	0.0500	0.0544		mg/Kg		109	70 - 125
1,1-Dichloroethene	0.0500	0.0514		mg/Kg		103	67 - 122
1,1-Dichloropropene	0.0500	0.0515		mg/Kg		103	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0461		mg/Kg		92	51 - 145
1,2,3-Trichloropropane	0.0500	0.0456		mg/Kg		91	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0482		mg/Kg		96	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0487		mg/Kg		97	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0404		mg/Kg		81	56 - 123
1,2-Dibromoethane	0.0500	0.0498		mg/Kg		100	70 - 125
1,2-Dichlorobenzene	0.0500	0.0490		mg/Kg		98	70 - 125
1,2-Dichloroethane	0.0500	0.0503		mg/Kg		101	68 - 127
1,2-Dichloropropane	0.0500	0.0528		mg/Kg		106	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0487		mg/Kg		97	70 - 123
1,3-Dichlorobenzene	0.0500	0.0507		mg/Kg		101	70 - 125
1,3-Dichloropropane	0.0500	0.0481		mg/Kg		96	62 - 136
1,4-Dichlorobenzene	0.0500	0.0497		mg/Kg		99	70 - 120
2,2-Dichloropropane	0.0500	0.0488		mg/Kg		98	58 - 139
2-Chlorotoluene	0.0500	0.0502		mg/Kg		100	70 - 125
4-Chlorotoluene	0.0500	0.0495		mg/Kg		99	68 - 124
Benzene	0.0500	0.0465		mg/Kg		93	70 - 120
Bromobenzene	0.0500	0.0499		mg/Kg		100	70 - 122
Bromochloromethane	0.0500	0.0489		mg/Kg		98	65 - 122
Bromodichloromethane	0.0500	0.0485		mg/Kg		97	69 - 120
Bromoform	0.0500	0.0475		mg/Kg		95	56 - 132

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: LCS 500-619705/4
Matrix: Solid
Analysis Batch: 619705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	0.0500	0.0681		mg/Kg		136	40 - 152
Carbon tetrachloride	0.0500	0.0502		mg/Kg		100	59 - 133
Chlorobenzene	0.0500	0.0514		mg/Kg		103	70 - 120
Chloroethane	0.0500	0.0595		mg/Kg		119	48 - 136
Chloroform	0.0500	0.0499		mg/Kg		100	70 - 120
Chloromethane	0.0500	0.0508		mg/Kg		102	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0509		mg/Kg		102	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0477		mg/Kg		95	64 - 127
Dibromochloromethane	0.0500	0.0471		mg/Kg		94	68 - 125
Dibromomethane	0.0500	0.0473		mg/Kg		95	70 - 120
Dichlorodifluoromethane	0.0500	0.0365		mg/Kg		73	40 - 159
Ethylbenzene	0.0500	0.0495		mg/Kg		99	70 - 123
Hexachlorobutadiene	0.0500	0.0556		mg/Kg		111	51 - 150
Isopropylbenzene	0.0500	0.0490		mg/Kg		98	70 - 126
Methyl tert-butyl ether	0.0500	0.0486		mg/Kg		97	55 - 123
Methylene Chloride	0.0500	0.0485		mg/Kg		97	69 - 125
Naphthalene	0.0500	0.0431		mg/Kg		86	53 - 144
n-Butylbenzene	0.0500	0.0507		mg/Kg		101	68 - 125
N-Propylbenzene	0.0500	0.0509		mg/Kg		102	69 - 127
p-Isopropyltoluene	0.0500	0.0483		mg/Kg		97	70 - 125
sec-Butylbenzene	0.0500	0.0496		mg/Kg		99	70 - 123
Styrene	0.0500	0.0501		mg/Kg		100	70 - 120
tert-Butylbenzene	0.0500	0.0476		mg/Kg		95	70 - 121
Tetrachloroethene	0.0500	0.0541		mg/Kg		108	70 - 128
Toluene	0.0500	0.0497		mg/Kg		99	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0519		mg/Kg		104	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0475		mg/Kg		95	62 - 128
Trichloroethene	0.0500	0.0483		mg/Kg		97	70 - 125
Trichlorofluoromethane	0.0500	0.0510		mg/Kg		102	55 - 128
Vinyl chloride	0.0500	0.0528		mg/Kg		106	64 - 126
Xylenes, Total	0.100	0.0996		mg/Kg		100	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: MB 500-619706/6
Matrix: Water
Analysis Batch: 619706

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/22/21 10:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/22/21 10:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/22/21 10:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/22/21 10:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/22/21 10:36	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: MB 500-619706/6
Matrix: Water
Analysis Batch: 619706

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/22/21 10:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/22/21 10:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/22/21 10:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/22/21 10:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/22/21 10:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/22/21 10:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/22/21 10:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/22/21 10:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/22/21 10:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/22/21 10:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/22/21 10:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/22/21 10:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/22/21 10:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/22/21 10:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/22/21 10:36	1
Benzene	<0.15		0.50	0.15	ug/L			09/22/21 10:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/22/21 10:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/22/21 10:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/22/21 10:36	1
Bromoform	<0.48		1.0	0.48	ug/L			09/22/21 10:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/22/21 10:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/22/21 10:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/22/21 10:36	1
Chloroform	<0.37		2.0	0.37	ug/L			09/22/21 10:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/22/21 10:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/22/21 10:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/22/21 10:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/22/21 10:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/22/21 10:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/22/21 10:36	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			09/22/21 10:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/22/21 10:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/22/21 10:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/22/21 10:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/22/21 10:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/22/21 10:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/22/21 10:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/22/21 10:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/22/21 10:36	1
Styrene	<0.39		1.0	0.39	ug/L			09/22/21 10:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/22/21 10:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/22/21 10:36	1

QC Sample Results

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

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

Lab Sample ID: MB 500-619706/6 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 619706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.15		0.50	0.15	ug/L			09/22/21 10:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/22/21 10:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/22/21 10:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/22/21 10:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/22/21 10:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/22/21 10:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/22/21 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*09/22/21 10:36*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*09/22/21 10:36*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*09/22/21 10:36*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/22/21 10:36*	*1*

Lab Sample ID: LCS 500-619706/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 619706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.9		ug/L		96	70 - 125
1,1,1-Trichloroethane	50.0	50.1		ug/L		100	70 - 125
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/L		93	62 - 140
1,1,2-Trichloroethane	50.0	47.5		ug/L		95	71 - 130
1,1-Dichloroethane	50.0	54.4		ug/L		109	70 - 125
1,1-Dichloroethene	50.0	51.4		ug/L		103	67 - 122
1,1-Dichloropropene	50.0	51.5		ug/L		103	70 - 121
1,2,3-Trichlorobenzene	50.0	46.1		ug/L		92	51 - 145
1,2,3-Trichloropropane	50.0	45.6		ug/L		91	50 - 133
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	57 - 137
1,2,4-Trimethylbenzene	50.0	48.7		ug/L		97	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	40.4		ug/L		81	56 - 123
1,2-Dibromoethane	50.0	49.8		ug/L		100	70 - 125
1,2-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 125
1,2-Dichloroethane	50.0	50.3		ug/L		101	68 - 127
1,2-Dichloropropane	50.0	52.8		ug/L		106	67 - 130
1,3,5-Trimethylbenzene	50.0	48.7		ug/L		97	70 - 123
1,3-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 125
1,3-Dichloropropane	50.0	48.1		ug/L		96	62 - 136
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 120
2,2-Dichloropropane	50.0	48.8		ug/L		98	58 - 139
2-Chlorotoluene	50.0	50.2		ug/L		100	70 - 125
4-Chlorotoluene	50.0	49.5		ug/L		99	68 - 124
Benzene	50.0	46.5		ug/L		93	70 - 120
Bromobenzene	50.0	49.9		ug/L		100	70 - 122
Bromochloromethane	50.0	48.9		ug/L		98	65 - 122
Bromodichloromethane	50.0	48.5		ug/L		97	69 - 120
Bromoform	50.0	47.5		ug/L		95	56 - 132
Bromomethane	50.0	68.1		ug/L		136	40 - 152

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Commercial Prop. Quick Wash P-0002702

Job ID: 500-205277-1

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

Lab Sample ID: LCS 500-619706/4
Matrix: Water
Analysis Batch: 619706

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	50.0	50.2		ug/L		100	59 - 133
Chlorobenzene	50.0	51.4		ug/L		103	70 - 120
Chloroethane	50.0	59.5		ug/L		119	48 - 136
Chloroform	50.0	49.9		ug/L		100	70 - 120
Chloromethane	50.0	50.8		ug/L		102	56 - 152
cis-1,2-Dichloroethene	50.0	50.9		ug/L		102	70 - 125
cis-1,3-Dichloropropene	50.0	47.7		ug/L		95	64 - 127
Dibromochloromethane	50.0	47.1		ug/L		94	68 - 125
Dibromomethane	50.0	47.3		ug/L		95	70 - 120
Dichlorodifluoromethane	50.0	36.5		ug/L		73	40 - 159
Dichlorofluoromethane	50.0	53.2		ug/L		106	69 - 124
Ethylbenzene	50.0	49.5		ug/L		99	70 - 123
Hexachlorobutadiene	50.0	55.6		ug/L		111	51 - 150
Isopropylbenzene	50.0	49.0		ug/L		98	70 - 126
Methyl tert-butyl ether	50.0	48.6		ug/L		97	55 - 123
Methylene Chloride	50.0	48.5		ug/L		97	69 - 125
Naphthalene	50.0	43.1		ug/L		86	53 - 144
n-Butylbenzene	50.0	50.7		ug/L		101	68 - 125
N-Propylbenzene	50.0	50.9		ug/L		102	69 - 127
p-Isopropyltoluene	50.0	48.3		ug/L		97	70 - 125
sec-Butylbenzene	50.0	49.6		ug/L		99	70 - 123
Styrene	50.0	50.1		ug/L		100	70 - 120
tert-Butylbenzene	50.0	47.6		ug/L		95	70 - 121
Tetrachloroethene	50.0	54.1		ug/L		108	70 - 128
Toluene	50.0	49.7		ug/L		99	70 - 125
trans-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 125
trans-1,3-Dichloropropene	50.0	47.5		ug/L		95	62 - 128
Trichloroethene	50.0	48.3		ug/L		97	70 - 125
Trichlorofluoromethane	50.0	51.0		ug/L		102	55 - 128
Vinyl chloride	50.0	52.8		ug/L		106	64 - 126
Xylenes, Total	100	99.6		ug/L		100	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Chronicle

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-2A — Lab Sample ID: 500-205277-1
Date Collected: 09/14/21 08:10 **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-2A — Lab Sample ID: 500-205277-1
Date Collected: 09/14/21 08:10 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 08:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619705	09/22/21 11:42	PMF	TAL CHI

Client Sample ID: GP-2B — Lab Sample ID: 500-205277-2
Date Collected: 09/14/21 08:20 **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-2B — Lab Sample ID: 500-205277-2
Date Collected: 09/14/21 08:20 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 97.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 08:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 14:17	JLC	TAL CHI

Client Sample ID: GP-2C — Lab Sample ID: 500-205277-3
Date Collected: 09/14/21 08:50 **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-2C — Lab Sample ID: 500-205277-3
Date Collected: 09/14/21 08:50 **Matrix: Solid**
Date Received: 09/16/21 10:20 **Percent Solids: 93.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 08:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 14:43	JLC	TAL CHI

Client Sample ID: GP-3A — Lab Sample ID: 500-205277-4
Date Collected: 09/14/21 11:00 **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Lab Chronicle

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-3A — Lab Sample ID: 500-205277-4
Date Collected: 09/14/21 11:00 — **Matrix: Solid**
Date Received: 09/16/21 10:20 — **Percent Solids: 91.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 15:11	JLC	TAL CHI

Client Sample ID: GP-3B — Lab Sample ID: 500-205277-5
Date Collected: 09/14/21 11:15 — **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-3B — Lab Sample ID: 500-205277-5
Date Collected: 09/14/21 11:15 — **Matrix: Solid**
Date Received: 09/16/21 10:20 — **Percent Solids: 79.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 11:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 15:37	JLC	TAL CHI

Client Sample ID: GP-3C — Lab Sample ID: 500-205277-6
Date Collected: 09/14/21 11:30 — **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-3C — Lab Sample ID: 500-205277-6
Date Collected: 09/14/21 11:30 — **Matrix: Solid**
Date Received: 09/16/21 10:20 — **Percent Solids: 78.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619705	09/22/21 12:04	PMF	TAL CHI

Client Sample ID: GP-4A — Lab Sample ID: 500-205277-7
Date Collected: 09/14/21 13:00 — **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Lab Chronicle

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: GP-4A — Lab Sample ID: 500-205277-7

Date Collected: 09/14/21 13:00 — **Matrix: Solid**
Date Received: 09/16/21 10:20 — **Percent Solids: 94.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 13:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 16:31	JLC	TAL CHI

Client Sample ID: GP-4B — Lab Sample ID: 500-205277-8

Date Collected: 09/14/21 13:15 — **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-4B — Lab Sample ID: 500-205277-8

Date Collected: 09/14/21 13:15 — **Matrix: Solid**
Date Received: 09/16/21 10:20 — **Percent Solids: 78.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 13:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 16:58	JLC	TAL CHI

Client Sample ID: GP-4C — Lab Sample ID: 500-205277-9

Date Collected: 09/14/21 13:30 — **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	618932	09/16/21 13:42	LWN	TAL CHI

Client Sample ID: GP-4C — Lab Sample ID: 500-205277-9

Date Collected: 09/14/21 13:30 — **Matrix: Solid**
Date Received: 09/16/21 10:20 — **Percent Solids: 81.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619450	09/21/21 17:25	JLC	TAL CHI

Client Sample ID: MeOH Blank — Lab Sample ID: 500-205277-10

Date Collected: 09/14/21 00:00 — **Matrix: Solid**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			619000	09/14/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	619705	09/22/21 11:20	PMF	TAL CHI

Lab Chronicle

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Client Sample ID: MW-1 Lab Sample ID: 500-205277-11
Date Collected: 09/15/21 08:00 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	619451	09/21/21 18:19	JLC	TAL CHI

Client Sample ID: MW-2 Lab Sample ID: 500-205277-12
Date Collected: 09/15/21 08:30 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	619451	09/21/21 18:46	JLC	TAL CHI

Client Sample ID: MW-3 Lab Sample ID: 500-205277-13
Date Collected: 09/15/21 09:00 **Matrix: Ground Water**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	619706	09/22/21 12:26	JLC	TAL CHI
Total/NA	Analysis	8260B	DL	10	619706	09/22/21 12:48	JLC	TAL CHI

Client Sample ID: Trip Blank Lab Sample ID: 500-205277-14
Date Collected: 09/15/21 00:00 **Matrix: Water**
Date Received: 09/16/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	619451	09/21/21 17:52	JLC	TAL CHI

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

Accreditation/Certification Summary

Client: American Engineering Testing Inc. Job ID: 500-205277-1
Project/Site: Commercial Prop. Quick Wash P-0002702

Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

Chain of Custody Record

532081

eurofins | Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager MNeal	Site Contact	Date 9-14-21	COC No
Company Name AET	Tel/Email mneal@eurofinset.com	Lab Contact Sandie F	Carrier	1 of 2 COCs
Address	Analysis Turnaround Time			Sampler: Michal K. Neal
City/State/Zip CF, WI 54729	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone 715 841 5045	TAT if different from Below 9-22-21			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name Commercial Prop. Quick Wash	☒ 1 week			
Site Negaunee, WI	☐ 2 days			Job / SDG No
PO # 181744[illegible]76	☐ 1 day			500-205277

500-205277 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	Dry Wt	Sample Specific Notes
	AET # P-0002702										
1	GP-2A	9-14-21	8:10	G	Soil	2			X	X	
2	GP-2B		8:20			2			X	X	
3	GP-2C		8:50			2			X	X	
4	GP-3A		11:00			2			X	X	
5	GP-3B		11:15			2			X	X	
6	GP-3C		11:30			2			X	X	
7	GP-4A		13:00			2			X	X	
8	GP-4B		13:15			2			X	X	
9	GP-4C		13:30			2			X	X	
10	MeOH Blnk		-	-	-	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Need results by 9-22-21 Thanks mm

29

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No	Cooler Temp (°C) Obs'd _____ Corr'd _____	Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AET	9-15-21 1500	Fedx		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			Stephanie Hernandez	ETA-CHI	9/16/21 1020

Chain of Custody Record

532082

eurofins | Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other ▸

TAL-8210

Client Contact	Project Manager: M. Neal	Site Contact	Date: 9-15-21	COC No
Company Name: AET	Tel/Email: mneal@aetenvtest.com	Lab Contact: Sandra F	Carrier	2 of 2 COCs
Address	Analysis Turnaround Time			Sampler: Michael Neal
City/State/Zip: CF, WI 54729	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone: 715 861 5045	TAT if different from Below 9-22-21			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name: Community Prop - Quick Wash	☒ 1 week			
Site: Menomonie, WI	☐ 2 days			Job / SDG No: 500-205277
P O #: 18174476	☐ 1 day			
AET Proj # P-0002702				

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes
11	MW-1	9-15-21	8:00	G	GW	3	N		X	
12	MW-2	"	8:50	G	GW	3	N		3	
13	MW-3	"	9:00	G	GW	3	N		3	
14	Trip Blank	"	—	—	W	1	N		1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Need results by 9-22-21

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AET	9-15-21 15:00	[signature]		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			Stephanie Hernandez	ETA-CHI	9/16/21 1020

Login Sample Receipt Checklist

Client: American Engineering Testing Inc. Job Number: 500-205277-1

Login Number: 205277 **List Source: Eurofins TestAmerica, Chicago**
List Number: 1
Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

REVIEWED
By mneal at 1:24 pm, Jun 22, 2022

ANALYTICAL REPORT

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-216473-1
Client Project/Site: Laundromat Property - P-0011071

For:
American Engineering Testing Inc.
1837 Cty Hwy OO
Chippewa Falls, Wisconsin 54729

Attn: Mr. Michael Neal

Authorized for release by:
5/27/2022 4:35:24 PM

Sandie Fredrick, Project Manager II
(920)261-1660
Sandra.Fredrick@et.eurofinsus.com

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Laboratory Job ID: 500-216473-1

Table of Contents

Case Narrative

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Job ID: 500-216473-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-216473-1

Comments
No additional comments.

Receipt
The samples were received on 5/12/2022 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 680-722177 recovered outside control limits for the following analytes: Chloroethane, Carbon Tetrachloride, Chloromethane, 1,1,1-Trichloroethane, Trichlorofluoromethane, Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 680-722177 recovered above the upper control limit for Dichlorodifluoromethane, Chloromethane, Trichlorofluoromethane, Chloroethane, . The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 680-722177/3).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 680-722177 was outside the method criteria for the following analyte(s): 2-Hexanone, MIBK. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: GP-5 — Lab Sample ID: 500-216473-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.047	J	0.22	0.043	mg/Kg	40	☼	8260D	Total/NA

Client Sample ID: GP-6 — Lab Sample ID: 500-216473-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.063	J	0.25	0.049	mg/Kg	40	☼	8260D	Total/NA

Client Sample ID: GP-7 — Lab Sample ID: 500-216473-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.052	J	0.23	0.046	mg/Kg	40	☼	8260D	Total/NA

Client Sample ID: MeOH Blank — Lab Sample ID: 500-216473-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.042	J	0.20	0.039	mg/Kg	40		8260D	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 500-216473-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 500-216473-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.8		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 500-216473-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	30		10	3.3	ug/L	20		8260B	Total/NA
Tetrachloroethene - DL	300		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 500-216473-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.47	J B	1.0	0.34	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 500-216473-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.94	J	1.0	0.36	ug/L	1		8260B	Total/NA
Naphthalene	0.34	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.4		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.51		0.50	0.16	ug/L	1		8260B	Total/NA
Xylenes, Total	0.85	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 500-216473-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.58	J	1.0	0.36	ug/L	1		8260B	Total/NA
Chloroform	3.2		2.0	0.37	ug/L	1		8260B	Total/NA
Ethylbenzene	0.20	J	0.50	0.18	ug/L	1		8260B	Total/NA
Tetrachloroethene	29		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-6 (Continued) — Lab Sample ID: 500-216473-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.77	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-216473-11

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-216473-1	GP-5	Solid	05/10/22 09:30	05/12/22 10:20
500-216473-2	GP-6	Solid	05/10/22 10:50	05/12/22 10:20
500-216473-3	GP-7	Solid	05/10/22 12:00	05/12/22 10:20
500-216473-4	MeOH Blank	Solid	05/10/22 00:00	05/12/22 10:20
500-216473-5	MW-1	Ground Water	05/10/22 09:45	05/12/22 10:20
500-216473-6	MW-2	Ground Water	05/10/22 10:15	05/12/22 10:20
500-216473-7	MW-3	Groundwater	05/10/22 10:45	05/12/22 10:20
500-216473-8	MW-4	Ground Water	05/11/22 08:45	05/12/22 10:20
500-216473-9	MW-5	Ground Water	05/11/22 09:00	05/12/22 10:20
500-216473-10	MW-6	Ground Water	05/11/22 09:15	05/12/22 10:20
500-216473-11	Trip Blank	Water	05/11/22 00:00	05/12/22 10:20

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: GP-5 Lab Sample ID: 500-216473-1

Date Collected: 05/10/22 09:30 **Matrix: Solid**
Date Received: 05/12/22 10:20 **Percent Solids: 95.3**

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.10		0.22	0.10	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,1,1-Trichloroethane	<0.026	*+	0.22	0.026	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,1,2,2-Tetrachloroethane	<0.070		0.22	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,1,2-Trichloroethane	<0.057		0.22	0.057	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,1-Dichloroethane	<0.048		0.22	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,1-Dichloroethene	<0.065		0.22	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,1-Dichloropropene	<0.041		0.22	0.041	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2,3-Trichlorobenzene	<0.070		0.22	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2,3-Trichloropropane	<0.10		0.22	0.10	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2,4-Trichlorobenzene	<0.039		0.22	0.039	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2,4-Trimethylbenzene	<0.061		0.22	0.061	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2-Dibromo-3-Chloropropane	<0.19		0.44	0.19	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2-Dichlorobenzene	<0.057		0.22	0.057	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2-Dichloroethane	<0.048		0.22	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,2-Dichloropropane	<0.037		0.22	0.037	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,3,5-Trimethylbenzene	<0.074		0.22	0.074	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,3-Dichlorobenzene	<0.070		0.22	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,3-Dichloropropane	<0.078		0.22	0.078	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
1,4-Dichlorobenzene	<0.032		0.22	0.032	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
2,2-Dichloropropane	<0.048		0.22	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
2-Chlorotoluene	<0.087		0.22	0.087	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
4-Chlorotoluene	<0.074		0.22	0.074	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Benzene	<0.032		0.22	0.032	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Bromobenzene	<0.074		0.22	0.074	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Bromochloromethane	<0.14		0.22	0.14	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Bromodichloromethane	<0.042		0.22	0.042	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Bromoform	<0.065		0.22	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Bromomethane	<0.065	*+	0.22	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Carbon tetrachloride	<0.036	*+	0.22	0.036	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Chlorobenzene	<0.042		0.22	0.042	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Chloroethane	<0.12	*+ *1	0.22	0.12	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Chloroform	<0.048		0.22	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Chloromethane	<0.044	*+	0.22	0.044	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
cis-1,2-Dichloroethene	<0.061		0.22	0.061	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
cis-1,3-Dichloropropene	<0.036		0.22	0.036	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Dibromochloromethane	<0.074		0.22	0.074	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Dibromomethane	<0.074		0.22	0.074	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Dichlorodifluoromethane	<0.041	*+	0.22	0.041	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Ethylbenzene	<0.057		0.22	0.057	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Ethylene Dibromide	<0.065		0.22	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Hexachlorobutadiene	<0.14		0.22	0.14	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Isopropyl ether	<0.065		0.44	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Isopropylbenzene	<0.083		0.22	0.083	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Methyl tert-butyl ether	<0.044		0.22	0.044	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Methylene Chloride	**0.047**	**J**	0.22	0.043	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Naphthalene	<0.052		0.22	0.052	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
n-Butylbenzene	<0.10		0.22	0.10	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
N-Propylbenzene	<0.12		0.22	0.12	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
p-Isopropyltoluene	<0.096		0.22	0.096	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: GP-5 **Lab Sample ID: 500-216473-1**
Date Collected: 05/10/22 09:30 **Matrix: Solid**
Date Received: 05/12/22 10:20 **Percent Solids: 95.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.092		0.22	0.092	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Styrene	<0.041		0.22	0.041	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
tert-Butylbenzene	<0.078		0.22	0.078	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Tetrachloroethene	<0.083		0.22	0.083	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Toluene	<0.037		0.22	0.037	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
trans-1,2-Dichloroethene	<0.027		0.22	0.027	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
trans-1,3-Dichloropropene	<0.038		0.22	0.038	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Trichloroethene	<0.057		0.22	0.057	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Trichlorofluoromethane	<0.052	*+	0.22	0.052	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Vinyl chloride	<0.065		0.22	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40
Xylenes, Total	<0.048		0.44	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:07	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*129*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:07*	*40*
4-Bromofluorobenzene (Surr)	*102*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:07*	*40*
Toluene-d8 (Surr)	*95*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:07*	*40*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: GP-6 Lab Sample ID: 500-216473-2

Date Collected: 05/10/22 10:50 **Matrix: Solid**
Date Received: 05/12/22 10:20 **Percent Solids: 88.7**

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.12		0.25	0.12	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,1,1-Trichloroethane	<0.029	*+	0.25	0.029	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,1,2,2-Tetrachloroethane	<0.080		0.25	0.080	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,1,2-Trichloroethane	<0.065		0.25	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,1-Dichloroethane	<0.055		0.25	0.055	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,1-Dichloroethene	<0.075		0.25	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,1-Dichloropropene	<0.047		0.25	0.047	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2,3-Trichlorobenzene	<0.080		0.25	0.080	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2,3-Trichloropropane	<0.12		0.25	0.12	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2,4-Trichlorobenzene	<0.044		0.25	0.044	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2,4-Trimethylbenzene	<0.070		0.25	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2-Dibromo-3-Chloropropane	<0.22		0.50	0.22	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2-Dichlorobenzene	<0.065		0.25	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2-Dichloroethane	<0.055		0.25	0.055	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,2-Dichloropropane	<0.043		0.25	0.043	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,3,5-Trimethylbenzene	<0.085		0.25	0.085	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,3-Dichlorobenzene	<0.080		0.25	0.080	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,3-Dichloropropane	<0.090		0.25	0.090	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
1,4-Dichlorobenzene	<0.037		0.25	0.037	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
2,2-Dichloropropane	<0.055		0.25	0.055	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
2-Chlorotoluene	<0.10		0.25	0.10	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
4-Chlorotoluene	<0.085		0.25	0.085	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Benzene	<0.036		0.25	0.036	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Bromobenzene	<0.085		0.25	0.085	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Bromochloromethane	<0.16		0.25	0.16	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Bromodichloromethane	<0.048		0.25	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Bromoform	<0.075		0.25	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Bromomethane	<0.075	*+	0.25	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Carbon tetrachloride	<0.041	*+	0.25	0.041	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Chlorobenzene	<0.048		0.25	0.048	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Chloroethane	<0.13	*+ *1	0.25	0.13	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Chloroform	<0.055		0.25	0.055	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Chloromethane	<0.050	*+	0.25	0.050	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
cis-1,2-Dichloroethene	<0.070		0.25	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
cis-1,3-Dichloropropene	<0.041		0.25	0.041	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Dibromochloromethane	<0.085		0.25	0.085	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Dibromomethane	<0.085		0.25	0.085	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Dichlorodifluoromethane	<0.047	*+	0.25	0.047	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Ethylbenzene	<0.065		0.25	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Ethylene Dibromide	<0.075		0.25	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Hexachlorobutadiene	<0.15		0.25	0.15	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Isopropyl ether	<0.075		0.50	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Isopropylbenzene	<0.095		0.25	0.095	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Methyl tert-butyl ether	<0.050		0.25	0.050	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Methylene Chloride	**0.063**	**J**	0.25	0.049	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Naphthalene	<0.060		0.25	0.060	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
n-Butylbenzene	<0.12		0.25	0.12	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
N-Propylbenzene	<0.13		0.25	0.13	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
p-Isopropyltoluene	<0.11		0.25	0.11	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: GP-6 **Lab Sample ID: 500-216473-2**
Date Collected: 05/10/22 10:50 **Matrix: Solid**
Date Received: 05/12/22 10:20 **Percent Solids: 88.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.10		0.25	0.10	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Styrene	<0.046		0.25	0.046	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
tert-Butylbenzene	<0.090		0.25	0.090	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Tetrachloroethene	<0.095		0.25	0.095	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Toluene	<0.042		0.25	0.042	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
trans-1,2-Dichloroethene	<0.031		0.25	0.031	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
trans-1,3-Dichloropropene	<0.043		0.25	0.043	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Trichloroethene	<0.065		0.25	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Trichlorofluoromethane	<0.060	*+	0.25	0.060	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Vinyl chloride	<0.075		0.25	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40
Xylenes, Total	<0.055		0.50	0.055	mg/Kg	☼	05/12/22 08:21	05/23/22 18:27	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:27*	*40*
4-Bromofluorobenzene (Surr)	*103*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:27*	*40*
Toluene-d8 (Surr)	*97*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:27*	*40*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: GP-7

Date Collected: 05/10/22 12:00
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-3

Matrix: Solid
Percent Solids: 91.6

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.11		0.23	0.11	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,1,1-Trichloroethane	<0.028	*+	0.23	0.028	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,1,2,2-Tetrachloroethane	<0.075		0.23	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,1,2-Trichloroethane	<0.061		0.23	0.061	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,1-Dichloroethane	<0.051		0.23	0.051	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,1-Dichloroethene	<0.070		0.23	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,1-Dichloropropene	<0.044		0.23	0.044	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2,3-Trichlorobenzene	<0.075		0.23	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2,3-Trichloropropane	<0.11		0.23	0.11	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2,4-Trichlorobenzene	<0.042		0.23	0.042	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2,4-Trimethylbenzene	<0.065		0.23	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2-Dibromo-3-Chloropropane	<0.21		0.47	0.21	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2-Dichlorobenzene	<0.061		0.23	0.061	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2-Dichloroethane	<0.051		0.23	0.051	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,2-Dichloropropane	<0.040		0.23	0.040	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,3,5-Trimethylbenzene	<0.079		0.23	0.079	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,3-Dichlorobenzene	<0.075		0.23	0.075	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,3-Dichloropropane	<0.084		0.23	0.084	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
1,4-Dichlorobenzene	<0.035		0.23	0.035	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
2,2-Dichloropropane	<0.051		0.23	0.051	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
2-Chlorotoluene	<0.093		0.23	0.093	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
4-Chlorotoluene	<0.079		0.23	0.079	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Benzene	<0.034		0.23	0.034	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Bromobenzene	<0.079		0.23	0.079	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Bromochloromethane	<0.15		0.23	0.15	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Bromodichloromethane	<0.045		0.23	0.045	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Bromoform	<0.070		0.23	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Bromomethane	<0.070	*+	0.23	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Carbon tetrachloride	<0.039	*+	0.23	0.039	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Chlorobenzene	<0.045		0.23	0.045	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Chloroethane	<0.13	*+ *1	0.23	0.13	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Chloroform	<0.051		0.23	0.051	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Chloromethane	<0.047	*+	0.23	0.047	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
cis-1,2-Dichloroethene	<0.065		0.23	0.065	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
cis-1,3-Dichloropropene	<0.039		0.23	0.039	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Dibromochloromethane	<0.079		0.23	0.079	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Dibromomethane	<0.079		0.23	0.079	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Dichlorodifluoromethane	<0.044	*+	0.23	0.044	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Ethylbenzene	<0.061		0.23	0.061	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Ethylene Dibromide	<0.070		0.23	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Hexachlorobutadiene	<0.14		0.23	0.14	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Isopropyl ether	<0.070		0.47	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Isopropylbenzene	<0.089		0.23	0.089	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Methyl tert-butyl ether	<0.047		0.23	0.047	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Methylene Chloride	**0.052**	**J**	0.23	0.046	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Naphthalene	<0.056		0.23	0.056	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
n-Butylbenzene	<0.11		0.23	0.11	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
N-Propylbenzene	<0.13		0.23	0.13	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
p-Isopropyltoluene	<0.10		0.23	0.10	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: GP-7 **Lab Sample ID: 500-216473-3**
Date Collected: 05/10/22 12:00 **Matrix: Solid**
Date Received: 05/12/22 10:20 **Percent Solids: 91.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.098		0.23	0.098	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Styrene	<0.043		0.23	0.043	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
tert-Butylbenzene	<0.084		0.23	0.084	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Tetrachloroethene	<0.089		0.23	0.089	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Toluene	<0.039		0.23	0.039	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
trans-1,2-Dichloroethene	<0.029		0.23	0.029	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
trans-1,3-Dichloropropene	<0.041		0.23	0.041	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Trichloroethene	<0.061		0.23	0.061	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Trichlorofluoromethane	<0.056	*+	0.23	0.056	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Vinyl chloride	<0.070		0.23	0.070	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40
Xylenes, Total	<0.051		0.47	0.051	mg/Kg	☼	05/12/22 08:21	05/23/22 18:48	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:48*	*40*
4-Bromofluorobenzene (Surr)	*99*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:48*	*40*
Toluene-d8 (Surr)	*96*		*65 - 130*	*05/12/22 08:21*	*05/23/22 18:48*	*40*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MeOH Blank

Date Collected: 05/10/22 00:00
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-4

Matrix: Solid

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.096		0.20	0.096	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,1,1-Trichloroethane	<0.024	*+	0.20	0.024	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,1,2,2-Tetrachloroethane	<0.064		0.20	0.064	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,1,2-Trichloroethane	<0.052		0.20	0.052	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,1-Dichloroethane	<0.044		0.20	0.044	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,1-Dichloroethene	<0.060		0.20	0.060	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,1-Dichloropropene	<0.038		0.20	0.038	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2,3-Trichlorobenzene	<0.064		0.20	0.064	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2,3-Trichloropropane	<0.096		0.20	0.096	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2,4-Trichlorobenzene	<0.036		0.20	0.036	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2,4-Trimethylbenzene	<0.056		0.20	0.056	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2-Dibromo-3-Chloropropane	<0.18		0.40	0.18	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2-Dichlorobenzene	<0.052		0.20	0.052	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2-Dichloroethane	<0.044		0.20	0.044	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,2-Dichloropropane	<0.034		0.20	0.034	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,3,5-Trimethylbenzene	<0.068		0.20	0.068	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,3-Dichlorobenzene	<0.064		0.20	0.064	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,3-Dichloropropane	<0.072		0.20	0.072	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
1,4-Dichlorobenzene	<0.030		0.20	0.030	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
2,2-Dichloropropane	<0.044		0.20	0.044	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
2-Chlorotoluene	<0.080		0.20	0.080	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
4-Chlorotoluene	<0.068		0.20	0.068	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Benzene	<0.029		0.20	0.029	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Bromobenzene	<0.068		0.20	0.068	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Bromochloromethane	<0.13		0.20	0.13	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Bromodichloromethane	<0.039		0.20	0.039	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Bromoform	<0.060		0.20	0.060	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Bromomethane	<0.060	*+	0.20	0.060	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Carbon tetrachloride	<0.033	*+	0.20	0.033	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Chlorobenzene	<0.038		0.20	0.038	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Chloroethane	<0.11	*+ *1	0.20	0.11	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Chloroform	<0.044		0.20	0.044	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Chloromethane	<0.040	*+	0.20	0.040	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
cis-1,2-Dichloroethene	<0.056		0.20	0.056	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
cis-1,3-Dichloropropene	<0.033		0.20	0.033	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Dibromochloromethane	<0.068		0.20	0.068	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Dibromomethane	<0.068		0.20	0.068	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Dichlorodifluoromethane	<0.038	*+	0.20	0.038	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Ethylbenzene	<0.052		0.20	0.052	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Ethylene Dibromide	<0.060		0.20	0.060	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Hexachlorobutadiene	<0.12		0.20	0.12	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Isopropyl ether	<0.060		0.40	0.060	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Isopropylbenzene	<0.076		0.20	0.076	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Methyl tert-butyl ether	<0.040		0.20	0.040	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Methylene Chloride	**0.042**	**J**	0.20	0.039	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Naphthalene	<0.048		0.20	0.048	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
n-Butylbenzene	<0.096		0.20	0.096	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
N-Propylbenzene	<0.11		0.20	0.11	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
p-Isopropyltoluene	<0.088		0.20	0.088	mg/Kg		05/12/22 08:21	05/23/22 19:08	40

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MeOH Blank **Lab Sample ID: 500-216473-4**
Date Collected: 05/10/22 00:00 **Matrix: Solid**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.084		0.20	0.084	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Styrene	<0.037		0.20	0.037	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
tert-Butylbenzene	<0.072		0.20	0.072	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Tetrachloroethene	<0.076		0.20	0.076	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Toluene	<0.034		0.20	0.034	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
trans-1,2-Dichloroethene	<0.025		0.20	0.025	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
trans-1,3-Dichloropropene	<0.035		0.20	0.035	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Trichloroethene	<0.052		0.20	0.052	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Trichlorofluoromethane	<0.048	*+	0.20	0.048	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Vinyl chloride	<0.060		0.20	0.060	mg/Kg		05/12/22 08:21	05/23/22 19:08	40
Xylenes, Total	<0.044		0.40	0.044	mg/Kg		05/12/22 08:21	05/23/22 19:08	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 130*	*05/12/22 08:21*	*05/23/22 19:08*	*40*
4-Bromofluorobenzene (Surr)	*101*		*65 - 130*	*05/12/22 08:21*	*05/23/22 19:08*	*40*
Toluene-d8 (Surr)	*95*		*65 - 130*	*05/12/22 08:21*	*05/23/22 19:08*	*40*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-1

Date Collected: 05/10/22 09:45
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/24/22 15:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/24/22 15:02	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/24/22 15:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/24/22 15:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/24/22 15:02	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/24/22 15:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/24/22 15:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/24/22 15:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/24/22 15:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/24/22 15:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/24/22 15:02	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/24/22 15:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/24/22 15:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/24/22 15:02	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/24/22 15:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/24/22 15:02	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/24/22 15:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/24/22 15:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/24/22 15:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/24/22 15:02	1
Benzene	<0.15		0.50	0.15	ug/L			05/24/22 15:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/24/22 15:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/24/22 15:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/24/22 15:02	1
Bromoform	<0.48		1.0	0.48	ug/L			05/24/22 15:02	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/24/22 15:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/24/22 15:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/24/22 15:02	1
Chloroform	<0.37		2.0	0.37	ug/L			05/24/22 15:02	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/24/22 15:02	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/24/22 15:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/24/22 15:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/24/22 15:02	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/24/22 15:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/24/22 15:02	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/24/22 15:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/24/22 15:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/24/22 15:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/24/22 15:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/24/22 15:02	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/24/22 15:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/24/22 15:02	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-1 Lab Sample ID: 500-216473-5

Date Collected: 05/10/22 09:45 **Matrix: Ground Water**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/24/22 15:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/24/22 15:02	1
Styrene	<0.39		1.0	0.39	ug/L			05/24/22 15:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/24/22 15:02	1
Tetrachloroethene	**2.3**		1.0	0.37	ug/L			05/24/22 15:02	1
Toluene	<0.15		0.50	0.15	ug/L			05/24/22 15:02	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/24/22 15:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/24/22 15:02	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/24/22 15:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/24/22 15:02	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/24/22 15:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/24/22 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*05/24/22 15:02*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*05/24/22 15:02*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*05/24/22 15:02*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/22 15:02*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-2

Date Collected: 05/10/22 10:15
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/24/22 15:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/24/22 15:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/24/22 15:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/24/22 15:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/24/22 15:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/24/22 15:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/24/22 15:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/24/22 15:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/24/22 15:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/24/22 15:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/24/22 15:25	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/24/22 15:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/24/22 15:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/24/22 15:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/24/22 15:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/24/22 15:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/24/22 15:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/24/22 15:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/24/22 15:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/24/22 15:25	1
Benzene	<0.15		0.50	0.15	ug/L			05/24/22 15:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/24/22 15:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/24/22 15:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/24/22 15:25	1
Bromoform	<0.48		1.0	0.48	ug/L			05/24/22 15:25	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/24/22 15:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/24/22 15:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/24/22 15:25	1
Chloroform	<0.37		2.0	0.37	ug/L			05/24/22 15:25	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/24/22 15:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/24/22 15:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/24/22 15:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/24/22 15:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/24/22 15:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/24/22 15:25	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/24/22 15:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/24/22 15:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/24/22 15:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/24/22 15:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/24/22 15:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/24/22 15:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/24/22 15:25	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-2 Lab Sample ID: 500-216473-6

Date Collected: 05/10/22 10:15 **Matrix: Ground Water**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/24/22 15:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/24/22 15:25	1
Styrene	<0.39		1.0	0.39	ug/L			05/24/22 15:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/24/22 15:25	1
Tetrachloroethene	**4.8**		1.0	0.37	ug/L			05/24/22 15:25	1
Toluene	<0.15		0.50	0.15	ug/L			05/24/22 15:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/24/22 15:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/24/22 15:25	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/24/22 15:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/24/22 15:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/24/22 15:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/24/22 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*05/24/22 15:25*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*05/24/22 15:25*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*05/24/22 15:25*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/24/22 15:25*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-3

Date Collected: 05/10/22 10:45
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-7

Matrix: Groundwater

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<9.2		20	9.2	ug/L			05/24/22 15:49	20
1,1,1-Trichloroethane	<7.6		20	7.6	ug/L			05/24/22 15:49	20
1,1,2,2-Tetrachloroethane	<8.0		20	8.0	ug/L			05/24/22 15:49	20
1,1,2-Trichloroethane	<7.0		20	7.0	ug/L			05/24/22 15:49	20
1,1-Dichloroethane	<8.2		20	8.2	ug/L			05/24/22 15:49	20
1,1-Dichloroethene	<7.8		20	7.8	ug/L			05/24/22 15:49	20
1,1-Dichloropropene	<5.9		20	5.9	ug/L			05/24/22 15:49	20
1,2,3-Trichlorobenzene	<9.2		20	9.2	ug/L			05/24/22 15:49	20
1,2,3-Trichloropropane	<8.3		40	8.3	ug/L			05/24/22 15:49	20
1,2,4-Trichlorobenzene	<6.8		20	6.8	ug/L			05/24/22 15:49	20
1,2,4-Trimethylbenzene	<7.2		20	7.2	ug/L			05/24/22 15:49	20
1,2-Dibromo-3-Chloropropane	<40		100	40	ug/L			05/24/22 15:49	20
Ethylene Dibromide	<7.7		20	7.7	ug/L			05/24/22 15:49	20
1,2-Dichlorobenzene	<6.7		20	6.7	ug/L			05/24/22 15:49	20
1,2-Dichloroethane	<7.8		20	7.8	ug/L			05/24/22 15:49	20
1,2-Dichloropropane	<8.6		20	8.6	ug/L			05/24/22 15:49	20
1,3,5-Trimethylbenzene	<5.1		20	5.1	ug/L			05/24/22 15:49	20
1,3-Dichlorobenzene	<8.0		20	8.0	ug/L			05/24/22 15:49	20
1,3-Dichloropropane	<7.2		20	7.2	ug/L			05/24/22 15:49	20
1,4-Dichlorobenzene	<7.3		20	7.3	ug/L			05/24/22 15:49	20
2,2-Dichloropropane	<8.9		20	8.9	ug/L			05/24/22 15:49	20
2-Chlorotoluene	<6.3		20	6.3	ug/L			05/24/22 15:49	20
4-Chlorotoluene	<7.0		20	7.0	ug/L			05/24/22 15:49	20
Benzene	<2.9		10	2.9	ug/L			05/24/22 15:49	20
Bromobenzene	<7.1		20	7.1	ug/L			05/24/22 15:49	20
Bromochloromethane	<8.6		20	8.6	ug/L			05/24/22 15:49	20
Bromodichloromethane	<7.4		20	7.4	ug/L			05/24/22 15:49	20
Bromoform	<9.7		20	9.7	ug/L			05/24/22 15:49	20
Bromomethane	<16		60	16	ug/L			05/24/22 15:49	20
Carbon tetrachloride	<7.7		20	7.7	ug/L			05/24/22 15:49	20
Chlorobenzene	<7.7		20	7.7	ug/L			05/24/22 15:49	20
Chloroethane	<10		20	10	ug/L			05/24/22 15:49	20
Chloroform	<7.4		40	7.4	ug/L			05/24/22 15:49	20
Chloromethane	<6.4		20	6.4	ug/L			05/24/22 15:49	20
cis-1,2-Dichloroethene	<8.2		20	8.2	ug/L			05/24/22 15:49	20
cis-1,3-Dichloropropene	<8.3		20	8.3	ug/L			05/24/22 15:49	20
Dibromochloromethane	<9.8		20	9.8	ug/L			05/24/22 15:49	20
Dibromomethane	<5.4		20	5.4	ug/L			05/24/22 15:49	20
Dichlorodifluoromethane	<13		60	13	ug/L			05/24/22 15:49	20
Dichlorofluoromethane	<7.5		20	7.5	ug/L			05/24/22 15:49	20
Ethylbenzene	<3.7		10	3.7	ug/L			05/24/22 15:49	20
Hexachlorobutadiene	<8.9		20	8.9	ug/L			05/24/22 15:49	20
Isopropyl ether	<5.5		20	5.5	ug/L			05/24/22 15:49	20
Isopropylbenzene	<7.7		20	7.7	ug/L			05/24/22 15:49	20
Methyl tert-butyl ether	<7.9		20	7.9	ug/L			05/24/22 15:49	20
Methylene Chloride	<33		100	33	ug/L			05/24/22 15:49	20
Naphthalene	<6.7		20	6.7	ug/L			05/24/22 15:49	20
n-Butylbenzene	<7.8		20	7.8	ug/L			05/24/22 15:49	20
N-Propylbenzene	<8.3		20	8.3	ug/L			05/24/22 15:49	20

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-3 Lab Sample ID: 500-216473-7

Date Collected: 05/10/22 10:45 **Matrix: Groundwater**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<7.2		20	7.2	ug/L			05/24/22 15:49	20
sec-Butylbenzene	<8.0		20	8.0	ug/L			05/24/22 15:49	20
Styrene	<7.7		20	7.7	ug/L			05/24/22 15:49	20
tert-Butylbenzene	<8.0		20	8.0	ug/L			05/24/22 15:49	20
Toluene	<3.0		10	3.0	ug/L			05/24/22 15:49	20
trans-1,2-Dichloroethene	<7.0		20	7.0	ug/L			05/24/22 15:49	20
trans-1,3-Dichloropropene	<7.2		20	7.2	ug/L			05/24/22 15:49	20
Trichloroethene	**30**		10	3.3	ug/L			05/24/22 15:49	20
Trichlorofluoromethane	<8.5		20	8.5	ug/L			05/24/22 15:49	20
Vinyl chloride	<4.1		20	4.1	ug/L			05/24/22 15:49	20
Xylenes, Total	<4.4		20	4.4	ug/L			05/24/22 15:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*05/24/22 15:49*	*20*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*05/24/22 15:49*	*20*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*05/24/22 15:49*	*20*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/24/22 15:49*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**300**		10	3.7	ug/L			05/24/22 16:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*05/24/22 16:12*	*10*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*05/24/22 16:12*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*05/24/22 16:12*	*10*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/22 16:12*	*10*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-4

Date Collected: 05/11/22 08:45
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/23/22 13:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/23/22 13:17	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/23/22 13:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/23/22 13:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/23/22 13:17	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/23/22 13:17	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/23/22 13:17	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/23/22 13:17	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/23/22 13:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:17	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/23/22 13:17	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/23/22 13:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/23/22 13:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/23/22 13:17	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/23/22 13:17	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:17	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/23/22 13:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/23/22 13:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/23/22 13:17	1
Benzene	<0.15		0.50	0.15	ug/L			05/23/22 13:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/23/22 13:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/23/22 13:17	1
Bromoform	<0.48		1.0	0.48	ug/L			05/23/22 13:17	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/23/22 13:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/23/22 13:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/23/22 13:17	1
Chloroform	<0.37		2.0	0.37	ug/L			05/23/22 13:17	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/23/22 13:17	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/23/22 13:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/23/22 13:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/23/22 13:17	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/23/22 13:17	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/23/22 13:17	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/23/22 13:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/23/22 13:17	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/23/22 13:17	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/23/22 13:17	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/23/22 13:17	1
Naphthalene	**0.47**	**J B**	1.0	0.34	ug/L			05/23/22 13:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/23/22 13:17	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-4 **Lab Sample ID: 500-216473-8**
Date Collected: 05/11/22 08:45 **Matrix: Ground Water**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/23/22 13:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:17	1
Styrene	<0.39		1.0	0.39	ug/L			05/23/22 13:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:17	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/23/22 13:17	1
Toluene	<0.15		0.50	0.15	ug/L			05/23/22 13:17	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/23/22 13:17	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/23/22 13:17	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/23/22 13:17	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/23/22 13:17	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/23/22 13:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/23/22 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*05/23/22 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*05/24/22 16:36*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*05/23/22 13:17*	*1*
4-Bromofluorobenzene (Surr)	*84*		*72 - 124*		*05/24/22 16:36*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*05/23/22 13:17*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*05/24/22 16:36*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*05/23/22 13:17*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/24/22 16:36*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-5

Date Collected: 05/11/22 09:00
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-9

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/23/22 13:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/23/22 13:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/23/22 13:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/23/22 13:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/23/22 13:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/23/22 13:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/23/22 13:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/23/22 13:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/23/22 13:40	1
1,2,4-Trimethylbenzene	**0.94**	**J**	1.0	0.36	ug/L			05/23/22 13:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/23/22 13:40	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/23/22 13:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/23/22 13:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/23/22 13:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/23/22 13:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/23/22 13:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/23/22 13:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/23/22 13:40	1
Benzene	<0.15		0.50	0.15	ug/L			05/23/22 13:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/23/22 13:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/23/22 13:40	1
Bromoform	<0.48		1.0	0.48	ug/L			05/23/22 13:40	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/23/22 13:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/23/22 13:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/23/22 13:40	1
Chloroform	<0.37		2.0	0.37	ug/L			05/23/22 13:40	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/23/22 13:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/23/22 13:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/23/22 13:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/23/22 13:40	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/23/22 13:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/23/22 13:40	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/23/22 13:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/23/22 13:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/23/22 13:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/23/22 13:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/23/22 13:40	1
Naphthalene	**0.34**	**J B**	1.0	0.34	ug/L			05/23/22 13:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/23/22 13:40	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-5 Lab Sample ID: 500-216473-9

Date Collected: 05/11/22 09:00 **Matrix: Ground Water**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/23/22 13:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:40	1
Styrene	<0.39		1.0	0.39	ug/L			05/23/22 13:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:40	1
Tetrachloroethene	**3.4**		1.0	0.37	ug/L			05/23/22 13:40	1
Toluene	<0.15		0.50	0.15	ug/L			05/23/22 13:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/23/22 13:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/23/22 13:40	1
Trichloroethene	**0.51**		0.50	0.16	ug/L			05/23/22 13:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/23/22 13:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/23/22 13:40	1
Xylenes, Total	**0.85**	**J**	1.0	0.22	ug/L			05/23/22 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*05/23/22 13:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*05/24/22 16:59*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*05/23/22 13:40*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*05/24/22 16:59*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*05/23/22 13:40*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*05/24/22 16:59*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*05/23/22 13:40*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/24/22 16:59*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-6

Date Collected: 05/11/22 09:15
Date Received: 05/12/22 10:20

Lab Sample ID: 500-216473-10

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/23/22 14:03	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/23/22 14:03	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/23/22 14:03	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/23/22 14:03	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/23/22 14:03	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/23/22 14:03	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/23/22 14:03	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/23/22 14:03	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/23/22 14:03	1
1,2,4-Trimethylbenzene	**0.58**	**J**	1.0	0.36	ug/L			05/23/22 14:03	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/23/22 14:03	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/23/22 14:03	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/23/22 14:03	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/23/22 14:03	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/23/22 14:03	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/23/22 14:03	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/23/22 14:03	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/23/22 14:03	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/23/22 14:03	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/23/22 14:03	1
Benzene	<0.15		0.50	0.15	ug/L			05/23/22 14:03	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/23/22 14:03	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/23/22 14:03	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/23/22 14:03	1
Bromoform	<0.48		1.0	0.48	ug/L			05/23/22 14:03	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/23/22 14:03	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/23/22 14:03	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/23/22 14:03	1
Chloroform	**3.2**		2.0	0.37	ug/L			05/23/22 14:03	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/23/22 14:03	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/23/22 14:03	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/23/22 14:03	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/23/22 14:03	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/23/22 14:03	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/23/22 14:03	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/23/22 14:03	1
Ethylbenzene	**0.20**	**J**	0.50	0.18	ug/L			05/23/22 14:03	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/23/22 14:03	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/23/22 14:03	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/23/22 14:03	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/23/22 14:03	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/23/22 14:03	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-6 Lab Sample ID: 500-216473-10

Date Collected: 05/11/22 09:15 **Matrix: Ground Water**
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/23/22 14:03	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 14:03	1
Styrene	<0.39		1.0	0.39	ug/L			05/23/22 14:03	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 14:03	1
Tetrachloroethene	**29**		1.0	0.37	ug/L			05/23/22 14:03	1
Toluene	<0.15		0.50	0.15	ug/L			05/23/22 14:03	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/23/22 14:03	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/23/22 14:03	1
Trichloroethene	**1.6**		0.50	0.16	ug/L			05/23/22 14:03	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/23/22 14:03	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/23/22 14:03	1
Xylenes, Total	**0.77**	**J**	1.0	0.22	ug/L			05/23/22 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*05/23/22 14:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*05/24/22 17:22*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*05/23/22 14:03*	*1*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*05/24/22 17:22*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*05/23/22 14:03*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*05/24/22 17:22*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*05/23/22 14:03*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/22 17:22*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: Trip Blank
Lab Sample ID: 500-216473-11
Date Collected: 05/11/22 00:00
Matrix: Water
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/23/22 13:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/23/22 13:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/23/22 13:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/23/22 13:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/23/22 13:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/23/22 13:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/23/22 13:50	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/23/22 13:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/23/22 13:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/23/22 13:50	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/23/22 13:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/23/22 13:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/23/22 13:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/23/22 13:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/23/22 13:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/23/22 13:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/23/22 13:50	1
Benzene	<0.15		0.50	0.15	ug/L			05/23/22 13:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/23/22 13:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/23/22 13:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/23/22 13:50	1
Bromoform	<0.48		1.0	0.48	ug/L			05/23/22 13:50	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/23/22 13:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/23/22 13:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/23/22 13:50	1
Chloroform	<0.37		2.0	0.37	ug/L			05/23/22 13:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/23/22 13:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/23/22 13:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/23/22 13:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/23/22 13:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/23/22 13:50	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/23/22 13:50	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/23/22 13:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/23/22 13:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/23/22 13:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/23/22 13:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/23/22 13:50	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/23/22 13:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/23/22 13:50	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: Trip Blank
Lab Sample ID: 500-216473-11
Date Collected: 05/11/22 00:00
Matrix: Water
Date Received: 05/12/22 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/23/22 13:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:50	1
Styrene	<0.39		1.0	0.39	ug/L			05/23/22 13:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 13:50	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/23/22 13:50	1
Toluene	<0.15		0.50	0.15	ug/L			05/23/22 13:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/23/22 13:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/23/22 13:50	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/23/22 13:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/23/22 13:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/23/22 13:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/23/22 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*05/23/22 13:50*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*05/23/22 13:50*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*05/23/22 13:50*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*05/23/22 13:50*	*1*

Definitions/Glossary

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

GC/MS VOA

Analysis Batch: 657973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-216473-8	MW-4	Total/NA	Ground Water	8260B	
500-216473-9	MW-5	Total/NA	Ground Water	8260B	
500-216473-10	MW-6	Total/NA	Ground Water	8260B	
MB 500-657973/6	Method Blank	Total/NA	Water	8260B	
LCS 500-657973/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 658006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-216473-11	Trip Blank	Total/NA	Water	8260B	
MB 500-658006/7	Method Blank	Total/NA	Water	8260B	
LCS 500-658006/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 658209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-216473-5	MW-1	Total/NA	Ground Water	8260B	
500-216473-6	MW-2	Total/NA	Ground Water	8260B	
500-216473-7	MW-3	Total/NA	Groundwater	8260B	
500-216473-7 - DL	MW-3	Total/NA	Groundwater	8260B	
500-216473-8	MW-4	Total/NA	Ground Water	8260B	
500-216473-9	MW-5	Total/NA	Ground Water	8260B	
500-216473-10	MW-6	Total/NA	Ground Water	8260B	
MB 500-658209/6	Method Blank	Total/NA	Water	8260B	
LCS 500-658209/8	Lab Control Sample	Total/NA	Water	8260B	

Prep Batch: 721797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-216473-1	GP-5	Total/NA	Solid	5035	
500-216473-2	GP-6	Total/NA	Solid	5035	
500-216473-3	GP-7	Total/NA	Solid	5035	
500-216473-4	MeOH Blank	Total/NA	Solid	5035	

Analysis Batch: 722177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-216473-1	GP-5	Total/NA	Solid	8260D	721797
500-216473-2	GP-6	Total/NA	Solid	8260D	721797
500-216473-3	GP-7	Total/NA	Solid	8260D	721797
500-216473-4	MeOH Blank	Total/NA	Solid	8260D	721797
MB 680-722177/8	Method Blank	Total/NA	Solid	8260D	
LCS 680-722177/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 680-722177/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 656338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-216473-1	GP-5	Total/NA	Solid	Moisture	
500-216473-2	GP-6	Total/NA	Solid	Moisture	
500-216473-3	GP-7	Total/NA	Solid	Moisture	

Surrogate Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-216473-5	MW-1	91	87	98	99
500-216473-6	MW-2	91	87	98	100
500-216473-8	MW-4	94	87	103	96
500-216473-8	MW-4	94	84	100	98
500-216473-9	MW-5	95	88	104	95
500-216473-9	MW-5	94	88	100	103
500-216473-10	MW-6	95	87	103	95
500-216473-10	MW-6	94	86	101	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-216473-7	MW-3	93	87	100	100
500-216473-7 - DL	MW-3	93	90	99	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-216473-11	Trip Blank	99	105	106	89
LCS 500-657973/4	Lab Control Sample	90	90	98	98
LCS 500-658006/5	Lab Control Sample	94	101	101	93
LCS 500-658209/8	Lab Control Sample	86	88	96	102
MB 500-657973/6	Method Blank	94	88	101	98
MB 500-658006/7	Method Blank	96	109	104	91
MB 500-658209/6	Method Blank	96	87	102	99

Surrogate Legend

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

Surrogate Summary

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(65-130)	(65-130)	(65-130)
500-216473-1	GP-5	129	102	95
500-216473-2	GP-6	125	103	97
500-216473-3	GP-7	127	99	96
500-216473-4	MeOH Blank	126	101	95
LCS 680-722177/4	Lab Control Sample	124	104	97
LCSD 680-722177/5	Lab Control Sample Dup	126	107	97
MB 680-722177/8	Method Blank	123	103	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 500-657973/6
Matrix: Water
Analysis Batch: 657973

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/23/22 12:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/23/22 12:54	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/23/22 12:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/23/22 12:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/23/22 12:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/23/22 12:54	1
1,2,3-Trichlorobenzene	0.611	J	1.0	0.46	ug/L			05/23/22 12:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/23/22 12:54	1
1,2,4-Trichlorobenzene	0.496	J	1.0	0.34	ug/L			05/23/22 12:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/23/22 12:54	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/23/22 12:54	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/23/22 12:54	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/23/22 12:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/23/22 12:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/23/22 12:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/23/22 12:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/23/22 12:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/23/22 12:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/23/22 12:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/23/22 12:54	1
Benzene	<0.15		0.50	0.15	ug/L			05/23/22 12:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/23/22 12:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/23/22 12:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/23/22 12:54	1
Bromoform	<0.48		1.0	0.48	ug/L			05/23/22 12:54	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/23/22 12:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/23/22 12:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/23/22 12:54	1
Chloroform	<0.37		2.0	0.37	ug/L			05/23/22 12:54	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/23/22 12:54	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/23/22 12:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/23/22 12:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/23/22 12:54	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/23/22 12:54	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/23/22 12:54	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/23/22 12:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/23/22 12:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/23/22 12:54	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/23/22 12:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/23/22 12:54	1
Naphthalene	0.653	J	1.0	0.34	ug/L			05/23/22 12:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 500-657973/6
Matrix: Water
Analysis Batch: 657973

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/23/22 12:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/23/22 12:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 12:54	1
Styrene	<0.39		1.0	0.39	ug/L			05/23/22 12:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 12:54	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/23/22 12:54	1
Toluene	<0.15		0.50	0.15	ug/L			05/23/22 12:54	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/23/22 12:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/23/22 12:54	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/23/22 12:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/23/22 12:54	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/23/22 12:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/23/22 12:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*05/23/22 12:54*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*05/23/22 12:54*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*05/23/22 12:54*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/23/22 12:54*	*1*

Lab Sample ID: LCS 500-657973/4
Matrix: Water
Analysis Batch: 657973

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.6		ug/L		103	70 - 125
1,1,1-Trichloroethane	50.0	56.2		ug/L		112	70 - 125
1,1,2,2-Tetrachloroethane	50.0	48.2		ug/L		96	62 - 140
1,1,2-Trichloroethane	50.0	53.2		ug/L		106	71 - 130
1,1-Dichloroethane	50.0	49.7		ug/L		99	70 - 125
1,1-Dichloroethene	50.0	55.2		ug/L		110	67 - 122
1,1-Dichloropropene	50.0	56.0		ug/L		112	70 - 121
1,2,3-Trichlorobenzene	50.0	49.5		ug/L		99	51 - 145
1,2,3-Trichloropropane	50.0	49.1		ug/L		98	50 - 133
1,2,4-Trichlorobenzene	50.0	51.3		ug/L		103	57 - 137
1,2,4-Trimethylbenzene	50.0	53.6		ug/L		107	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	42.3		ug/L		85	56 - 123
Ethylene Dibromide	50.0	49.6		ug/L		99	70 - 125
1,2-Dichlorobenzene	50.0	52.8		ug/L		106	70 - 125
1,2-Dichloroethane	50.0	49.9		ug/L		100	68 - 127
1,2-Dichloropropane	50.0	49.4		ug/L		99	67 - 130
1,3,5-Trimethylbenzene	50.0	54.3		ug/L		109	70 - 123
1,3-Dichlorobenzene	50.0	53.0		ug/L		106	70 - 125
1,3-Dichloropropane	50.0	50.3		ug/L		101	62 - 136
1,4-Dichlorobenzene	50.0	53.5		ug/L		107	70 - 120
2,2-Dichloropropane	50.0	52.0		ug/L		104	58 - 139
2-Chlorotoluene	50.0	53.1		ug/L		106	70 - 125
4-Chlorotoluene	50.0	53.2		ug/L		106	68 - 124

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: LCS 500-657973/4
Matrix: Water
Analysis Batch: 657973

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	55.6		ug/L		111	70 - 120
Bromobenzene	50.0	52.7		ug/L		105	70 - 122
Bromochloromethane	50.0	54.6		ug/L		109	65 - 122
Bromodichloromethane	50.0	54.9		ug/L		110	69 - 120
Bromoform	50.0	53.4		ug/L		107	56 - 132
Bromomethane	50.0	55.9		ug/L		112	40 - 152
Carbon tetrachloride	50.0	57.3		ug/L		115	59 - 133
Chlorobenzene	50.0	54.0		ug/L		108	70 - 120
Chloroethane	50.0	65.2		ug/L		130	48 - 136
Chloroform	50.0	52.2		ug/L		104	70 - 120
Chloromethane	50.0	34.4		ug/L		69	56 - 152
cis-1,2-Dichloroethene	50.0	53.7		ug/L		107	70 - 125
cis-1,3-Dichloropropene	50.0	49.6		ug/L		99	64 - 127
Dibromochloromethane	50.0	53.4		ug/L		107	68 - 125
Dibromomethane	50.0	53.3		ug/L		107	70 - 120
Dichlorodifluoromethane	50.0	36.3		ug/L		73	40 - 159
Dichlorofluoromethane	50.0	54.9		ug/L		110	69 - 124
Ethylbenzene	50.0	51.9		ug/L		104	70 - 123
Hexachlorobutadiene	50.0	56.1		ug/L		112	51 - 150
Isopropylbenzene	50.0	56.0		ug/L		112	70 - 126
Methyl tert-butyl ether	50.0	49.4		ug/L		99	55 - 123
Methylene Chloride	50.0	51.8		ug/L		104	69 - 125
Naphthalene	50.0	45.4		ug/L		91	53 - 144
n-Butylbenzene	50.0	57.0		ug/L		114	68 - 125
N-Propylbenzene	50.0	56.2		ug/L		112	69 - 127
p-Isopropyltoluene	50.0	55.7		ug/L		111	70 - 125
sec-Butylbenzene	50.0	58.1		ug/L		116	70 - 123
Styrene	50.0	55.3		ug/L		111	70 - 120
tert-Butylbenzene	50.0	55.8		ug/L		112	70 - 121
Tetrachloroethene	50.0	61.5		ug/L		123	70 - 128
Toluene	50.0	53.1		ug/L		106	70 - 125
trans-1,2-Dichloroethene	50.0	54.6		ug/L		109	70 - 125
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	62 - 128
Trichloroethene	50.0	56.8		ug/L		114	70 - 125
Trichlorofluoromethane	50.0	55.4		ug/L		111	55 - 128
Vinyl chloride	50.0	44.2		ug/L		88	64 - 126
Xylenes, Total	100	106		ug/L		106	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 500-658006/7
Matrix: Water
Analysis Batch: 658006

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/23/22 11:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/23/22 11:52	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/23/22 11:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/23/22 11:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/23/22 11:52	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/23/22 11:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/23/22 11:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/23/22 11:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/23/22 11:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/23/22 11:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/23/22 11:52	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/23/22 11:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/23/22 11:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/23/22 11:52	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/23/22 11:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/23/22 11:52	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/23/22 11:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/23/22 11:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/23/22 11:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/23/22 11:52	1
Benzene	<0.15		0.50	0.15	ug/L			05/23/22 11:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/23/22 11:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/23/22 11:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/23/22 11:52	1
Bromoform	<0.48		1.0	0.48	ug/L			05/23/22 11:52	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/23/22 11:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/23/22 11:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/23/22 11:52	1
Chloroform	<0.37		2.0	0.37	ug/L			05/23/22 11:52	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/23/22 11:52	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/23/22 11:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/23/22 11:52	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/23/22 11:52	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/23/22 11:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/23/22 11:52	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/23/22 11:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/23/22 11:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/23/22 11:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/23/22 11:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/23/22 11:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/23/22 11:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 500-658006/7
Matrix: Water
Analysis Batch: 658006

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/23/22 11:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/23/22 11:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 11:52	1
Styrene	<0.39		1.0	0.39	ug/L			05/23/22 11:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/23/22 11:52	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/23/22 11:52	1
Toluene	<0.15		0.50	0.15	ug/L			05/23/22 11:52	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/23/22 11:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/23/22 11:52	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/23/22 11:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/23/22 11:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/23/22 11:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/23/22 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*05/23/22 11:52*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*05/23/22 11:52*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*05/23/22 11:52*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*05/23/22 11:52*	*1*

Lab Sample ID: LCS 500-658006/5
Matrix: Water
Analysis Batch: 658006

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	42.7		ug/L		85	70 - 125
1,1,1-Trichloroethane	50.0	43.4		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	41.2		ug/L		82	62 - 140
1,1,2-Trichloroethane	50.0	41.4		ug/L		83	71 - 130
1,1-Dichloroethane	50.0	39.1		ug/L		78	70 - 125
1,1-Dichloroethene	50.0	39.3		ug/L		79	67 - 122
1,1-Dichloropropene	50.0	41.3		ug/L		83	70 - 121
1,2,3-Trichlorobenzene	50.0	48.5		ug/L		97	51 - 145
1,2,3-Trichloropropane	50.0	50.4		ug/L		101	50 - 133
1,2,4-Trichlorobenzene	50.0	41.6		ug/L		83	57 - 137
1,2,4-Trimethylbenzene	50.0	43.5		ug/L		87	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.9		ug/L		88	56 - 123
Ethylene Dibromide	50.0	40.7		ug/L		81	70 - 125
1,2-Dichlorobenzene	50.0	43.6		ug/L		87	70 - 125
1,2-Dichloroethane	50.0	40.4		ug/L		81	68 - 127
1,2-Dichloropropane	50.0	39.7		ug/L		79	67 - 130
1,3,5-Trimethylbenzene	50.0	44.8		ug/L		90	70 - 123
1,3-Dichlorobenzene	50.0	43.7		ug/L		87	70 - 125
1,3-Dichloropropane	50.0	40.1		ug/L		80	62 - 136
1,4-Dichlorobenzene	50.0	42.9		ug/L		86	70 - 120
2,2-Dichloropropane	50.0	44.4		ug/L		89	58 - 139
2-Chlorotoluene	50.0	43.8		ug/L		88	70 - 125
4-Chlorotoluene	50.0	43.8		ug/L		88	68 - 124

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: LCS 500-658006/5
Matrix: Water
Analysis Batch: 658006

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	40.2		ug/L		80	70 - 120
Bromobenzene	50.0	46.6		ug/L		93	70 - 122
Bromochloromethane	50.0	43.0		ug/L		86	65 - 122
Bromodichloromethane	50.0	42.5		ug/L		85	69 - 120
Bromoform	50.0	41.7		ug/L		83	56 - 132
Bromomethane	50.0	62.1		ug/L		124	40 - 152
Carbon tetrachloride	50.0	43.6		ug/L		87	59 - 133
Chlorobenzene	50.0	41.7		ug/L		83	70 - 120
Chloroethane	50.0	37.5		ug/L		75	48 - 136
Chloroform	50.0	46.9		ug/L		94	70 - 120
Chloromethane	50.0	49.5		ug/L		99	56 - 152
cis-1,2-Dichloroethene	50.0	42.3		ug/L		85	70 - 125
cis-1,3-Dichloropropene	50.0	40.5		ug/L		81	64 - 127
Dibromochloromethane	50.0	41.7		ug/L		83	68 - 125
Dibromomethane	50.0	43.2		ug/L		86	70 - 120
Dichlorodifluoromethane	50.0	48.8		ug/L		98	40 - 159
Dichlorofluoromethane	50.0	40.9		ug/L		82	69 - 124
Ethylbenzene	50.0	39.7		ug/L		79	70 - 123
Hexachlorobutadiene	50.0	40.2		ug/L		80	51 - 150
Isopropylbenzene	50.0	46.0		ug/L		92	70 - 126
Methyl tert-butyl ether	50.0	36.6		ug/L		73	55 - 123
Methylene Chloride	50.0	41.8		ug/L		84	69 - 125
Naphthalene	50.0	46.0		ug/L		92	53 - 144
n-Butylbenzene	50.0	45.5		ug/L		91	68 - 125
N-Propylbenzene	50.0	45.2		ug/L		90	69 - 127
p-Isopropyltoluene	50.0	44.8		ug/L		90	70 - 125
sec-Butylbenzene	50.0	44.9		ug/L		90	70 - 123
Styrene	50.0	40.3		ug/L		81	70 - 120
tert-Butylbenzene	50.0	44.4		ug/L		89	70 - 121
Tetrachloroethene	50.0	43.2		ug/L		86	70 - 128
Toluene	50.0	39.9		ug/L		80	70 - 125
trans-1,2-Dichloroethene	50.0	40.3		ug/L		81	70 - 125
trans-1,3-Dichloropropene	50.0	39.7		ug/L		79	62 - 128
Trichloroethene	50.0	44.8		ug/L		90	70 - 125
Trichlorofluoromethane	50.0	46.2		ug/L		92	55 - 128
Vinyl chloride	50.0	45.9		ug/L		92	64 - 126
Xylenes, Total	100	77.5		ug/L		77	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 120*
Toluene-d8 (Surr)	*93*		*75 - 120*

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 500-658209/6
Matrix: Water
Analysis Batch: 658209

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/24/22 11:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/24/22 11:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/24/22 11:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/24/22 11:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/24/22 11:56	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/24/22 11:56	1
1,2,3-Trichlorobenzene	0.742	J	1.0	0.46	ug/L			05/24/22 11:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/24/22 11:56	1
1,2,4-Trichlorobenzene	0.550	J	1.0	0.34	ug/L			05/24/22 11:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/24/22 11:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/24/22 11:56	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/24/22 11:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/24/22 11:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/24/22 11:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/24/22 11:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/24/22 11:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/24/22 11:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/24/22 11:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/24/22 11:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/24/22 11:56	1
Benzene	<0.15		0.50	0.15	ug/L			05/24/22 11:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/24/22 11:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/24/22 11:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/24/22 11:56	1
Bromoform	<0.48		1.0	0.48	ug/L			05/24/22 11:56	1
Bromomethane	<0.80		3.0	0.80	ug/L			05/24/22 11:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/24/22 11:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/24/22 11:56	1
Chloroform	<0.37		2.0	0.37	ug/L			05/24/22 11:56	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/24/22 11:56	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/24/22 11:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/24/22 11:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/24/22 11:56	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/24/22 11:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/24/22 11:56	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/24/22 11:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/24/22 11:56	1
Hexachlorobutadiene	0.467	J	1.0	0.45	ug/L			05/24/22 11:56	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/24/22 11:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/24/22 11:56	1
Naphthalene	0.657	J	1.0	0.34	ug/L			05/24/22 11:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 500-658209/6
Matrix: Water
Analysis Batch: 658209

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/24/22 11:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/24/22 11:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/24/22 11:56	1
Styrene	<0.39		1.0	0.39	ug/L			05/24/22 11:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/24/22 11:56	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/24/22 11:56	1
Toluene	<0.15		0.50	0.15	ug/L			05/24/22 11:56	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/24/22 11:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/24/22 11:56	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/24/22 11:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/24/22 11:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/24/22 11:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/24/22 11:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*05/24/22 11:56*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*05/24/22 11:56*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 120*		*05/24/22 11:56*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/22 11:56*	*1*

Lab Sample ID: LCS 500-658209/8
Matrix: Water
Analysis Batch: 658209

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.9		ug/L		90	70 - 125
1,1,1-Trichloroethane	50.0	47.3		ug/L		95	70 - 125
1,1,2,2-Tetrachloroethane	50.0	42.0		ug/L		84	62 - 140
1,1,2-Trichloroethane	50.0	46.0		ug/L		92	71 - 130
1,1-Dichloroethane	50.0	41.8		ug/L		84	70 - 125
1,1-Dichloroethene	50.0	48.9		ug/L		98	67 - 122
1,1-Dichloropropene	50.0	47.1		ug/L		94	70 - 121
1,2,3-Trichlorobenzene	50.0	42.6		ug/L		85	51 - 145
1,2,3-Trichloropropane	50.0	42.8		ug/L		86	50 - 133
1,2,4-Trichlorobenzene	50.0	45.0		ug/L		90	57 - 137
1,2,4-Trimethylbenzene	50.0	47.7		ug/L		95	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	37.1		ug/L		74	56 - 123
Ethylene Dibromide	50.0	43.5		ug/L		87	70 - 125
1,2-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 125
1,2-Dichloroethane	50.0	42.3		ug/L		85	68 - 127
1,2-Dichloropropane	50.0	41.7		ug/L		83	67 - 130
1,3,5-Trimethylbenzene	50.0	47.9		ug/L		96	70 - 123
1,3-Dichlorobenzene	50.0	46.8		ug/L		94	70 - 125
1,3-Dichloropropane	50.0	44.1		ug/L		88	62 - 136
1,4-Dichlorobenzene	50.0	46.4		ug/L		93	70 - 120
2,2-Dichloropropane	50.0	42.6		ug/L		85	58 - 139
2-Chlorotoluene	50.0	46.5		ug/L		93	70 - 125
4-Chlorotoluene	50.0	47.3		ug/L		95	68 - 124

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: LCS 500-658209/8
Matrix: Water
Analysis Batch: 658209

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.8		ug/L		94	70 - 120
Bromobenzene	50.0	46.6		ug/L		93	70 - 122
Bromochloromethane	50.0	46.9		ug/L		94	65 - 122
Bromodichloromethane	50.0	46.0		ug/L		92	69 - 120
Bromoform	50.0	46.6		ug/L		93	56 - 132
Bromomethane	50.0	52.5		ug/L		105	40 - 152
Carbon tetrachloride	50.0	48.6		ug/L		97	59 - 133
Chlorobenzene	50.0	48.0		ug/L		96	70 - 120
Chloroethane	50.0	63.3		ug/L		127	48 - 136
Chloroform	50.0	44.7		ug/L		89	70 - 120
Chloromethane	50.0	38.5		ug/L		77	56 - 152
cis-1,2-Dichloroethene	50.0	45.3		ug/L		91	70 - 125
cis-1,3-Dichloropropene	50.0	43.4		ug/L		87	64 - 127
Dibromochloromethane	50.0	46.8		ug/L		94	68 - 125
Dibromomethane	50.0	44.5		ug/L		89	70 - 120
Dichlorodifluoromethane	50.0	49.3		ug/L		99	40 - 159
Dichlorofluoromethane	50.0	51.0		ug/L		102	69 - 124
Ethylbenzene	50.0	45.3		ug/L		91	70 - 123
Hexachlorobutadiene	50.0	50.0		ug/L		100	51 - 150
Isopropylbenzene	50.0	49.3		ug/L		99	70 - 126
Methyl tert-butyl ether	50.0	41.3		ug/L		83	55 - 123
Methylene Chloride	50.0	44.9		ug/L		90	69 - 125
Naphthalene	50.0	39.0		ug/L		78	53 - 144
n-Butylbenzene	50.0	50.1		ug/L		100	68 - 125
N-Propylbenzene	50.0	49.4		ug/L		99	69 - 127
p-Isopropyltoluene	50.0	49.5		ug/L		99	70 - 125
sec-Butylbenzene	50.0	51.5		ug/L		103	70 - 123
Styrene	50.0	48.7		ug/L		97	70 - 120
tert-Butylbenzene	50.0	49.2		ug/L		98	70 - 121
Tetrachloroethene	50.0	54.2		ug/L		108	70 - 128
Toluene	50.0	46.9		ug/L		94	70 - 125
trans-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 125
trans-1,3-Dichloropropene	50.0	41.2		ug/L		82	62 - 128
Trichloroethene	50.0	48.8		ug/L		98	70 - 125
Trichlorofluoromethane	50.0	50.7		ug/L		101	55 - 128
Vinyl chloride	50.0	46.0		ug/L		92	64 - 126
Xylenes, Total	100	94.6		ug/L		95	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 680-722177/8
Matrix: Solid
Analysis Batch: 722177

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0024		0.0050	0.0024	mg/Kg			05/23/22 12:42	1
1,1,1-Trichloroethane	<0.00059		0.0050	0.00059	mg/Kg			05/23/22 12:42	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0050	0.0016	mg/Kg			05/23/22 12:42	1
1,1,2-Trichloroethane	<0.0013		0.0050	0.0013	mg/Kg			05/23/22 12:42	1
1,1-Dichloroethane	<0.0011		0.0050	0.0011	mg/Kg			05/23/22 12:42	1
1,1-Dichloroethene	<0.0015		0.0050	0.0015	mg/Kg			05/23/22 12:42	1
1,1-Dichloropropene	<0.00095		0.0050	0.00095	mg/Kg			05/23/22 12:42	1
1,2,3-Trichlorobenzene	<0.0016		0.0050	0.0016	mg/Kg			05/23/22 12:42	1
1,2,3-Trichloropropane	<0.0024		0.0050	0.0024	mg/Kg			05/23/22 12:42	1
1,2,4-Trichlorobenzene	<0.00089		0.0050	0.00089	mg/Kg			05/23/22 12:42	1
1,2,4-Trimethylbenzene	<0.0014		0.0050	0.0014	mg/Kg			05/23/22 12:42	1
1,2-Dibromo-3-Chloropropane	<0.0044		0.010	0.0044	mg/Kg			05/23/22 12:42	1
1,2-Dichlorobenzene	<0.0013		0.0050	0.0013	mg/Kg			05/23/22 12:42	1
1,2-Dichloroethane	<0.0011		0.0050	0.0011	mg/Kg			05/23/22 12:42	1
1,2-Dichloropropane	<0.00086		0.0050	0.00086	mg/Kg			05/23/22 12:42	1
1,3,5-Trimethylbenzene	<0.0017		0.0050	0.0017	mg/Kg			05/23/22 12:42	1
1,3-Dichlorobenzene	<0.0016		0.0050	0.0016	mg/Kg			05/23/22 12:42	1
1,3-Dichloropropane	<0.0018		0.0050	0.0018	mg/Kg			05/23/22 12:42	1
1,4-Dichlorobenzene	<0.00074		0.0050	0.00074	mg/Kg			05/23/22 12:42	1
2,2-Dichloropropane	<0.0011		0.0050	0.0011	mg/Kg			05/23/22 12:42	1
2-Chlorotoluene	<0.0020		0.0050	0.0020	mg/Kg			05/23/22 12:42	1
4-Chlorotoluene	<0.0017		0.0050	0.0017	mg/Kg			05/23/22 12:42	1
Benzene	<0.00073		0.0050	0.00073	mg/Kg			05/23/22 12:42	1
Bromobenzene	<0.0017		0.0050	0.0017	mg/Kg			05/23/22 12:42	1
Bromochloromethane	<0.0033		0.0050	0.0033	mg/Kg			05/23/22 12:42	1
Bromodichloromethane	<0.00097		0.0050	0.00097	mg/Kg			05/23/22 12:42	1
Bromoform	<0.0015		0.0050	0.0015	mg/Kg			05/23/22 12:42	1
Bromomethane	<0.0015		0.0050	0.0015	mg/Kg			05/23/22 12:42	1
Carbon tetrachloride	<0.00083		0.0050	0.00083	mg/Kg			05/23/22 12:42	1
Chlorobenzene	<0.00096		0.0050	0.00096	mg/Kg			05/23/22 12:42	1
Chloroethane	<0.0027		0.0050	0.0027	mg/Kg			05/23/22 12:42	1
Chloroform	<0.0011		0.0050	0.0011	mg/Kg			05/23/22 12:42	1
Chloromethane	<0.0010		0.0050	0.0010	mg/Kg			05/23/22 12:42	1
cis-1,2-Dichloroethene	<0.0014		0.0050	0.0014	mg/Kg			05/23/22 12:42	1
cis-1,3-Dichloropropene	<0.00083		0.0050	0.00083	mg/Kg			05/23/22 12:42	1
Dibromochloromethane	<0.0017		0.0050	0.0017	mg/Kg			05/23/22 12:42	1
Dibromomethane	<0.0017		0.0050	0.0017	mg/Kg			05/23/22 12:42	1
Dichlorodifluoromethane	<0.00094		0.0050	0.00094	mg/Kg			05/23/22 12:42	1
Ethylbenzene	<0.0013		0.0050	0.0013	mg/Kg			05/23/22 12:42	1
Ethylene Dibromide	<0.0015		0.0050	0.0015	mg/Kg			05/23/22 12:42	1
Hexachlorobutadiene	<0.0031		0.0050	0.0031	mg/Kg			05/23/22 12:42	1
Isopropyl ether	<0.0015		0.010	0.0015	mg/Kg			05/23/22 12:42	1
Isopropylbenzene	<0.0019		0.0050	0.0019	mg/Kg			05/23/22 12:42	1
Methyl tert-butyl ether	<0.0010		0.0050	0.0010	mg/Kg			05/23/22 12:42	1
Methylene Chloride	<0.00098		0.0050	0.00098	mg/Kg			05/23/22 12:42	1
Naphthalene	<0.0012		0.0050	0.0012	mg/Kg			05/23/22 12:42	1
n-Butylbenzene	<0.0024		0.0050	0.0024	mg/Kg			05/23/22 12:42	1
N-Propylbenzene	<0.0027		0.0050	0.0027	mg/Kg			05/23/22 12:42	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: MB 680-722177/8
Matrix: Solid
Analysis Batch: 722177

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.0022		0.0050	0.0022	mg/Kg			05/23/22 12:42	1
sec-Butylbenzene	<0.0021		0.0050	0.0021	mg/Kg			05/23/22 12:42	1
Styrene	<0.00093		0.0050	0.00093	mg/Kg			05/23/22 12:42	1
tert-Butylbenzene	<0.0018		0.0050	0.0018	mg/Kg			05/23/22 12:42	1
Tetrachloroethene	<0.0019		0.0050	0.0019	mg/Kg			05/23/22 12:42	1
Toluene	<0.00084		0.0050	0.00084	mg/Kg			05/23/22 12:42	1
trans-1,2-Dichloroethene	<0.00063		0.0050	0.00063	mg/Kg			05/23/22 12:42	1
trans-1,3-Dichloropropene	<0.00087		0.0050	0.00087	mg/Kg			05/23/22 12:42	1
Trichloroethene	<0.0013		0.0050	0.0013	mg/Kg			05/23/22 12:42	1
Trichlorofluoromethane	<0.0012		0.0050	0.0012	mg/Kg			05/23/22 12:42	1
Vinyl chloride	<0.0015		0.0050	0.0015	mg/Kg			05/23/22 12:42	1
Xylenes, Total	<0.0011		0.010	0.0011	mg/Kg			05/23/22 12:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*65 - 130*		*05/23/22 12:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*65 - 130*		*05/23/22 12:42*	*1*
Toluene-d8 (Surr)	*99*		*65 - 130*		*05/23/22 12:42*	*1*

Lab Sample ID: LCS 680-722177/4
Matrix: Solid
Analysis Batch: 722177

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0551		mg/Kg		110	70 - 130
1,1,1-Trichloroethane	0.0500	0.0657	*+	mg/Kg		131	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0511		mg/Kg		102	64 - 130
1,1,2-Trichloroethane	0.0500	0.0538		mg/Kg		108	56 - 146
1,1-Dichloroethane	0.0500	0.0522		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0500	0.0497		mg/Kg		99	69 - 130
1,1-Dichloropropene	0.0500	0.0570		mg/Kg		114	70 - 130
1,2,3-Trichlorobenzene	0.0500	0.0590		mg/Kg		118	70 - 130
1,2,3-Trichloropropane	0.0500	0.0598		mg/Kg		120	64 - 130
1,2,4-Trichlorobenzene	0.0500	0.0566		mg/Kg		113	70 - 130
1,2,4-Trimethylbenzene	0.0500	0.0557		mg/Kg		111	70 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0614		mg/Kg		123	42 - 145
1,2-Dichlorobenzene	0.0500	0.0490		mg/Kg		98	70 - 130
1,2-Dichloroethane	0.0500	0.0647		mg/Kg		129	68 - 139
1,2-Dichloropropane	0.0500	0.0478		mg/Kg		96	70 - 130
1,3,5-Trimethylbenzene	0.0500	0.0558		mg/Kg		112	70 - 130
1,3-Dichlorobenzene	0.0500	0.0510		mg/Kg		102	70 - 130
1,3-Dichloropropane	0.0500	0.0545		mg/Kg		109	54 - 150
1,4-Dichlorobenzene	0.0500	0.0505		mg/Kg		101	70 - 130
2,2-Dichloropropane	0.0500	0.0627		mg/Kg		125	70 - 130
2-Chlorotoluene	0.0500	0.0542		mg/Kg		108	70 - 130
4-Chlorotoluene	0.0500	0.0547		mg/Kg		109	70 - 130
Benzene	0.0500	0.0500		mg/Kg		100	70 - 130
Bromobenzene	0.0500	0.0528		mg/Kg		106	70 - 130
Bromochloromethane	0.0500	0.0567		mg/Kg		113	66 - 130

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: LCS 680-722177/4
Matrix: Solid
Analysis Batch: 722177

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	0.0500	0.0597		mg/Kg		119	70 - 130
Bromoform	0.0500	0.0542		mg/Kg		108	68 - 130
Bromomethane	0.0500	0.108	*+	mg/Kg		215	70 - 130
Carbon tetrachloride	0.0500	0.0663	*+	mg/Kg		133	70 - 130
Chlorobenzene	0.0500	0.0500		mg/Kg		100	70 - 130
Chloroethane	0.0500	0.0633	*+ *1	mg/Kg		127	70 - 130
Chloroform	0.0500	0.0597		mg/Kg		119	70 - 130
Chloromethane	0.0500	0.112	*+	mg/Kg		224	70 - 130
cis-1,2-Dichloroethene	0.0500	0.0531		mg/Kg		106	70 - 130
cis-1,3-Dichloropropene	0.0500	0.0562		mg/Kg		112	70 - 130
Dibromochloromethane	0.0500	0.0601		mg/Kg		120	64 - 133
Dibromomethane	0.0500	0.0568		mg/Kg		114	59 - 142
Dichlorodifluoromethane	0.0500	0.107	*+	mg/Kg		214	43 - 131
Ethylbenzene	0.0500	0.0522		mg/Kg		104	70 - 130
Ethylene Dibromide	0.0500	0.0607		mg/Kg		121	48 - 150
Hexachlorobutadiene	0.0500	0.0634		mg/Kg		127	70 - 130
Isopropylbenzene	0.0500	0.0552		mg/Kg		110	70 - 130
Methyl tert-butyl ether	0.0500	0.0547		mg/Kg		109	70 - 130
Methylene Chloride	0.0500	0.0493		mg/Kg		99	54 - 149
Naphthalene	0.0500	0.0603		mg/Kg		121	46 - 150
n-Butylbenzene	0.0500	0.0526		mg/Kg		105	70 - 130
N-Propylbenzene	0.0500	0.0532		mg/Kg		106	70 - 130
p-Isopropyltoluene	0.0500	0.0540		mg/Kg		108	70 - 130
sec-Butylbenzene	0.0500	0.0532		mg/Kg		106	69 - 142
Styrene	0.0500	0.0510		mg/Kg		102	70 - 130
tert-Butylbenzene	0.0500	0.0554		mg/Kg		111	67 - 145
Tetrachloroethene	0.0500	0.0583		mg/Kg		117	70 - 130
Toluene	0.0500	0.0531		mg/Kg		106	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0521		mg/Kg		104	67 - 130
trans-1,3-Dichloropropene	0.0500	0.0586		mg/Kg		117	54 - 150
Trichloroethene	0.0500	0.0554		mg/Kg		111	70 - 130
Trichlorofluoromethane	0.0500	0.138	*+	mg/Kg		276	70 - 130
Vinyl chloride	0.0500	0.0561		mg/Kg		112	70 - 130
Xylenes, Total	0.100	0.106		mg/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 130*
4-Bromofluorobenzene (Surr)	*104*		*65 - 130*
Toluene-d8 (Surr)	*97*		*65 - 130*

Lab Sample ID: LCSD 680-722177/5
Matrix: Solid
Analysis Batch: 722177

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.0560		mg/Kg		112	70 - 130	2	30
1,1,1-Trichloroethane	0.0500	0.0655	*+	mg/Kg		131	70 - 130	0	30
1,1,2,2-Tetrachloroethane	0.0500	0.0493		mg/Kg		99	64 - 130	4	30

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: LCSD 680-722177/5
Matrix: Solid
Analysis Batch: 722177

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0500	0.0533		mg/Kg		107	56 - 146	1	30
1,1-Dichloroethane	0.0500	0.0519		mg/Kg		104	70 - 130	1	30
1,1-Dichloroethene	0.0500	0.0480		mg/Kg		96	69 - 130	4	50
1,1-Dichloropropene	0.0500	0.0564		mg/Kg		113	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0500	0.0589		mg/Kg		118	70 - 130	0	30
1,2,3-Trichloropropane	0.0500	0.0579		mg/Kg		116	64 - 130	3	30
1,2,4-Trichlorobenzene	0.0500	0.0558		mg/Kg		112	70 - 130	1	30
1,2,4-Trimethylbenzene	0.0500	0.0524		mg/Kg		105	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0619		mg/Kg		124	42 - 145	1	30
1,2-Dichlorobenzene	0.0500	0.0504		mg/Kg		101	70 - 130	3	30
1,2-Dichloroethane	0.0500	0.0653		mg/Kg		131	68 - 139	1	30
1,2-Dichloropropane	0.0500	0.0479		mg/Kg		96	70 - 130	0	30
1,3,5-Trimethylbenzene	0.0500	0.0534		mg/Kg		107	70 - 130	5	30
1,3-Dichlorobenzene	0.0500	0.0522		mg/Kg		104	70 - 130	2	30
1,3-Dichloropropane	0.0500	0.0545		mg/Kg		109	54 - 150	0	30
1,4-Dichlorobenzene	0.0500	0.0507		mg/Kg		101	70 - 130	0	30
2,2-Dichloropropane	0.0500	0.0619		mg/Kg		124	70 - 130	1	30
2-Chlorotoluene	0.0500	0.0534		mg/Kg		107	70 - 130	1	30
4-Chlorotoluene	0.0500	0.0521		mg/Kg		104	70 - 130	5	30
Benzene	0.0500	0.0503		mg/Kg		101	70 - 130	1	30
Bromobenzene	0.0500	0.0516		mg/Kg		103	70 - 130	2	30
Bromochloromethane	0.0500	0.0575		mg/Kg		115	66 - 130	1	30
Bromodichloromethane	0.0500	0.0605		mg/Kg		121	70 - 130	1	30
Bromoform	0.0500	0.0562		mg/Kg		112	68 - 130	4	30
Bromomethane	0.0500	0.110	*+	mg/Kg		220	70 - 130	2	30
Carbon tetrachloride	0.0500	0.0660	*+	mg/Kg		132	70 - 130	0	30
Chlorobenzene	0.0500	0.0497		mg/Kg		99	70 - 130	1	30
Chloroethane	0.0500	0.107	E *+ *1	mg/Kg		215	70 - 130	52	30
Chloroform	0.0500	0.0597		mg/Kg		119	70 - 130	0	30
Chloromethane	0.0500	0.113	*+	mg/Kg		226	70 - 130	1	30
cis-1,2-Dichloroethene	0.0500	0.0523		mg/Kg		105	70 - 130	1	30
cis-1,3-Dichloropropene	0.0500	0.0565		mg/Kg		113	70 - 130	1	30
Dibromochloromethane	0.0500	0.0608		mg/Kg		122	64 - 133	1	30
Dibromomethane	0.0500	0.0573		mg/Kg		115	59 - 142	1	30
Dichlorodifluoromethane	0.0500	0.106	*+	mg/Kg		212	43 - 131	1	30
Ethylbenzene	0.0500	0.0507		mg/Kg		101	70 - 130	3	30
Ethylene Dibromide	0.0500	0.0602		mg/Kg		120	48 - 150	1	30
Hexachlorobutadiene	0.0500	0.0608		mg/Kg		122	70 - 130	4	30
Isopropylbenzene	0.0500	0.0533		mg/Kg		107	70 - 130	4	30
Methyl tert-butyl ether	0.0500	0.0554		mg/Kg		111	70 - 130	1	30
Methylene Chloride	0.0500	0.0490		mg/Kg		98	54 - 149	1	30
Naphthalene	0.0500	0.0598		mg/Kg		120	46 - 150	1	30
n-Butylbenzene	0.0500	0.0520		mg/Kg		104	70 - 130	1	30
N-Propylbenzene	0.0500	0.0504		mg/Kg		101	70 - 130	5	30
p-Isopropyltoluene	0.0500	0.0538		mg/Kg		108	70 - 130	0	30
sec-Butylbenzene	0.0500	0.0507		mg/Kg		101	69 - 142	5	30
Styrene	0.0500	0.0498		mg/Kg		100	70 - 130	2	30
tert-Butylbenzene	0.0500	0.0535		mg/Kg		107	67 - 145	3	30
Tetrachloroethene	0.0500	0.0563		mg/Kg		113	70 - 130	4	30

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

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

Lab Sample ID: LCSD 680-722177/5
Matrix: Solid
Analysis Batch: 722177

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0500	0.0523		mg/Kg		105	70 - 130	1	30
trans-1,2-Dichloroethene			0.0500	0.0513		mg/Kg		103	67 - 130	1	30
trans-1,3-Dichloropropene			0.0500	0.0580		mg/Kg		116	54 - 150	1	30
Trichloroethene			0.0500	0.0549		mg/Kg		110	70 - 130	1	30
Trichlorofluoromethane			0.0500	0.134	*+	mg/Kg		268	70 - 130	3	30
Vinyl chloride			0.0500	0.0542		mg/Kg		108	70 - 130	3	30
Xylenes, Total			0.100	0.104		mg/Kg		104	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 130*
4-Bromofluorobenzene (Surr)	*107*		*65 - 130*
Toluene-d8 (Surr)	*97*		*65 - 130*

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: GP-5
Lab Sample ID: 500-216473-1
Date Collected: 05/10/22 09:30
Matrix: Solid
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	656338	05/12/22 15:11	LWN	TAL CHI

Client Sample ID: GP-5
Lab Sample ID: 500-216473-1
Date Collected: 05/10/22 09:30
Matrix: Solid
Date Received: 05/12/22 10:20
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			721797	05/12/22 08:21	SMP	TAL SAV
Total/NA	Analysis	8260D		40	722177	05/23/22 18:07	Y1S	TAL SAV

Client Sample ID: GP-6
Lab Sample ID: 500-216473-2
Date Collected: 05/10/22 10:50
Matrix: Solid
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	656338	05/12/22 15:11	LWN	TAL CHI

Client Sample ID: GP-6
Lab Sample ID: 500-216473-2
Date Collected: 05/10/22 10:50
Matrix: Solid
Date Received: 05/12/22 10:20
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			721797	05/12/22 08:21	SMP	TAL SAV
Total/NA	Analysis	8260D		40	722177	05/23/22 18:27	Y1S	TAL SAV

Client Sample ID: GP-7
Lab Sample ID: 500-216473-3
Date Collected: 05/10/22 12:00
Matrix: Solid
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	656338	05/12/22 15:11	LWN	TAL CHI

Client Sample ID: GP-7
Lab Sample ID: 500-216473-3
Date Collected: 05/10/22 12:00
Matrix: Solid
Date Received: 05/12/22 10:20
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			721797	05/12/22 08:21	SMP	TAL SAV
Total/NA	Analysis	8260D		40	722177	05/23/22 18:48	Y1S	TAL SAV

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MeOH Blank
Lab Sample ID: 500-216473-4
Date Collected: 05/10/22 00:00
Matrix: Solid
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			721797	05/12/22 08:21	SMP	TAL SAV
Total/NA	Analysis	8260D		40	722177	05/23/22 19:08	Y1S	TAL SAV

Client Sample ID: MW-1
Lab Sample ID: 500-216473-5
Date Collected: 05/10/22 09:45
Matrix: Ground Water
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	658209	05/24/22 15:02	W1T	TAL CHI

Client Sample ID: MW-2
Lab Sample ID: 500-216473-6
Date Collected: 05/10/22 10:15
Matrix: Ground Water
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	658209	05/24/22 15:25	W1T	TAL CHI

Client Sample ID: MW-3
Lab Sample ID: 500-216473-7
Date Collected: 05/10/22 10:45
Matrix: Groundwater
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	658209	05/24/22 15:49	W1T	TAL CHI
Total/NA	Analysis	8260B	DL	10	658209	05/24/22 16:12	W1T	TAL CHI

Client Sample ID: MW-4
Lab Sample ID: 500-216473-8
Date Collected: 05/11/22 08:45
Matrix: Ground Water
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	657973	05/23/22 13:17	W1T	TAL CHI
Total/NA	Analysis	8260B		1	658209	05/24/22 16:36	W1T	TAL CHI

Client Sample ID: MW-5
Lab Sample ID: 500-216473-9
Date Collected: 05/11/22 09:00
Matrix: Ground Water
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	657973	05/23/22 13:40	W1T	TAL CHI
Total/NA	Analysis	8260B		1	658209	05/24/22 16:59	W1T	TAL CHI

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-216473-1

Client Sample ID: MW-6

Lab Sample ID: 500-216473-10
Matrix: Ground Water
Date Collected: 05/11/22 09:15
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	657973	05/23/22 14:03	W1T	TAL CHI
Total/NA	Analysis	8260B		1	658209	05/24/22 17:22	W1T	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-216473-11
Matrix: Water
Date Collected: 05/11/22 00:00
Date Received: 05/12/22 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	658006	05/23/22 13:50	W1T	TAL CHI

Laboratory References:

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

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: American Engineering Testing Inc. Job ID: 500-216473-1
Project/Site: Laundromat Property - P-0011071

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999819810	08-31-22

Chain of Custody Record

548398

eurofins Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager M. Neal	Site Contact	Date 5-10-22	COC No
Company Name AET	Tel/Email. mneal@tetratech.com	Lab Contact Sandra F	Carrier	1 of 1 COCs
Address	Analysis Turnaround Time			Sampler Michael K Neal
City/State/Zip CF, WI 54729	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone 715 861 5045	TAT if different from Below _____			Walk-in Client
Fax	☒ 2 weeks			Lab Sampling
Project Name Laundromat Property	☐ 1 week			
Site Menomonee IN WI	☐ 2 days			Job / SDG No 500-216473
PO # 81 14 328	☐ 1 day			

AET Project # P-0011071

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs Soil	VOCs GW	500-216473 COC	Sample Specific Notes
1	GP-5	5-10-22	9:30	G	Soil	2			X			
2	GP-6		10:50	G	Soil	2			X			
3	GP-7		12:00	G	Soil	2			X			
4	Meoh Blank		—	—	—	1			X			
5	MW-1		9:45	G	GW	3				X		
6	MW-2		10:15	G	GW	3				X		
7	MW-3	—	10:45	G	GW	3				X		
8	MW-4	5-11-22	8:45	G	GW	3				X		
9	MW-5		9:00	G	GW	3				X		
10	MW-6		9:15	G	GW	3				X		
11	Trip Blank	↓	—	—	W	1				X		
									6	2		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other MeOH

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1.9→2 D

Custody Seals Intact	☐ Yes ☐ No	Custody Seal No	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AET	5/11/22 15:00	Fedex		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			Stephanie Hernandez	EETA	5/12/22 1070

ORIGIN ID:JDTA (708) 534-5200
MICHAEL NEAL
AMERICAN ENGINEERING TESTING
1837 COUNTY HWY OO

CHIPPEWA FALLS, WI 54729
UNITED STATES US

SHIP DATE: 02MAY22
ACTWGT: 20.00 LB MAN
CAD: 033264/CAFE3512

TO **SAMPLE LOGIN**
TESTAMERICA LABS
2417 BOND ST

UNIVERSITY PARK IL 60484
(708) 534-5200
DEPT: PM

RMA:

FedEx Express

FedEx
TRK# 0221 **1893 4457 0299**

THU - 12 MAY 10:30A
PRIORITY OVERNIGHT

NA JOTA

60484
IL-US **ORD**

#208109 05/11 577J5/1BD6/FE4A

500-216473 Wayb

Login Sample Receipt Checklist

Client: American Engineering Testing Inc. Job Number: 500-216473-1

Login Number: 216473 **List Source: Eurofins Chicago**
List Number: 1
Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: American Engineering Testing Inc. Job Number: 500-216473-1

Login Number: 216473
List Number: 2
Creator: Watters, David

List Source: Eurofins Savannah
List Creation: 05/20/22 09:54 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

REVIEWED
By mneal at 3:13 pm, Aug 23, 2022

ANALYTICAL REPORT

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-220378-1
Client Project/Site: Laundromat Property - P-0011071

For:
American Engineering Testing Inc.
1837 Cty Hwy OO
Chippewa Falls, Wisconsin 54729

Attn: Mr. Michael Neal

Authorized for release by:
8/17/2022 10:18:00 AM

Sandie Fredrick, Project Manager II
(920)261-1660
Sandra.Fredrick@et.eurofinsus.com

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Laboratory Job ID: 500-220378-1

Table of Contents

Case Narrative

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Job ID: 500-220378-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-220378-1

Comments
No additional comments.

Receipt
The samples were received on 8/4/2022 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.4° C.

GC/MS VOA
Methods 624.1, 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-3 (500-220378-3). Elevated reporting limits (RLs) are provided.

Method 8260B: The method blank for analytical batch 500-669079 contained several analytes above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.MW-1 (500-220378-1), MW-2 (500-220378-2), MW-3 (500-220378-3) and MW-4 (500-220378-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-1 — Lab Sample ID: 500-220378-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.78	J B	1.0	0.36	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.79	J B	1.0	0.25	ug/L	1		8260B	Total/NA
Naphthalene	0.70	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.2		1.0	0.37	ug/L	1		8260B	Total/NA
Xylenes, Total	0.32	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 500-220378-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.77	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.3		1.0	0.37	ug/L	1		8260B	Total/NA
Xylenes, Total	0.31	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 500-220378-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.75	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Naphthalene	0.66	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Trichloroethene	0.54		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	94		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 500-220378-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.73	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Naphthalene	0.66	J B	1.0	0.34	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 500-220378-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.4		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 500-220378-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J	2.0	0.37	ug/L	1		8260B	Total/NA
Tetrachloroethene	34		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	3.1		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-220378-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-220378-1	MW-1	Ground Water	08/02/22 08:15	08/04/22 09:35
500-220378-2	MW-2	Ground Water	08/02/22 08:45	08/04/22 09:35
500-220378-3	MW-3	Ground Water	08/02/22 09:15	08/04/22 09:35
500-220378-4	MW-4	Ground Water	08/02/22 07:45	08/04/22 09:35
500-220378-5	MW-5	Ground Water	08/02/22 09:45	08/04/22 09:35
500-220378-6	MW-6	Ground Water	08/02/22 10:15	08/04/22 09:35
500-220378-7	Trip Blank	Water	08/02/22 00:00	08/04/22 09:35

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-1

Date Collected: 08/02/22 08:15
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/09/22 20:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/09/22 20:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/09/22 20:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/09/22 20:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/09/22 20:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/09/22 20:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/09/22 20:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/09/22 20:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/09/22 20:22	1
1,2,4-Trimethylbenzene	**0.78**	**J B**	1.0	0.36	ug/L			08/09/22 20:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/09/22 20:22	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/09/22 20:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/09/22 20:22	1
1,3,5-Trimethylbenzene	**0.79**	**J B**	1.0	0.25	ug/L			08/09/22 20:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/09/22 20:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/09/22 20:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/09/22 20:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/09/22 20:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/09/22 20:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/09/22 20:22	1
Benzene	<0.15		0.50	0.15	ug/L			08/09/22 20:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/09/22 20:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/09/22 20:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/09/22 20:22	1
Bromoform	<0.48		1.0	0.48	ug/L			08/09/22 20:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/09/22 20:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/09/22 20:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/09/22 20:22	1
Chloroform	<0.37		2.0	0.37	ug/L			08/09/22 20:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/09/22 20:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/09/22 20:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/09/22 20:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/09/22 20:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/09/22 20:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/09/22 20:22	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/09/22 20:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/09/22 20:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/09/22 20:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/09/22 20:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/09/22 20:22	1
Naphthalene	**0.70**	**J B**	1.0	0.34	ug/L			08/09/22 20:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/09/22 20:22	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-1 **Lab Sample ID: 500-220378-1**
Date Collected: 08/02/22 08:15 **Matrix: Ground Water**
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/09/22 20:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 20:22	1
Styrene	<0.39		1.0	0.39	ug/L			08/09/22 20:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 20:22	1
Tetrachloroethene	**4.2**		1.0	0.37	ug/L			08/09/22 20:22	1
Toluene	<0.15		0.50	0.15	ug/L			08/09/22 20:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/09/22 20:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/09/22 20:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/09/22 20:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/09/22 20:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/09/22 20:22	1
Xylenes, Total	**0.32**	**J**	1.0	0.22	ug/L			08/09/22 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*08/09/22 20:22*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*08/09/22 20:22*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*08/09/22 20:22*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*08/09/22 20:22*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-2

Date Collected: 08/02/22 08:45
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/09/22 20:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/09/22 20:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/09/22 20:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/09/22 20:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/09/22 20:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/09/22 20:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/09/22 20:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/09/22 20:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/09/22 20:49	1
1,2,4-Trimethylbenzene	**0.77**	**J B**	1.0	0.36	ug/L			08/09/22 20:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/09/22 20:49	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/09/22 20:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/09/22 20:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/09/22 20:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/09/22 20:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/09/22 20:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/09/22 20:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/09/22 20:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/09/22 20:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/09/22 20:49	1
Benzene	<0.15		0.50	0.15	ug/L			08/09/22 20:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/09/22 20:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/09/22 20:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/09/22 20:49	1
Bromoform	<0.48		1.0	0.48	ug/L			08/09/22 20:49	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/09/22 20:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/09/22 20:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/09/22 20:49	1
Chloroform	<0.37		2.0	0.37	ug/L			08/09/22 20:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/09/22 20:49	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/09/22 20:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/09/22 20:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/09/22 20:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/09/22 20:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/09/22 20:49	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/09/22 20:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/09/22 20:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/09/22 20:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/09/22 20:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/09/22 20:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/09/22 20:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/09/22 20:49	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-2 Lab Sample ID: 500-220378-2

Date Collected: 08/02/22 08:45 **Matrix: Ground Water**
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/09/22 20:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 20:49	1
Styrene	<0.39		1.0	0.39	ug/L			08/09/22 20:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 20:49	1
Tetrachloroethene	**8.3**		1.0	0.37	ug/L			08/09/22 20:49	1
Toluene	<0.15		0.50	0.15	ug/L			08/09/22 20:49	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/09/22 20:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/09/22 20:49	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/09/22 20:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/09/22 20:49	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/09/22 20:49	1
Xylenes, Total	**0.31**	**J**	1.0	0.22	ug/L			08/09/22 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*08/09/22 20:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*08/09/22 20:49*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*08/09/22 20:49*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*08/09/22 20:49*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-3

Date Collected: 08/02/22 09:15
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/09/22 21:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/09/22 21:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/09/22 21:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/09/22 21:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/09/22 21:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/09/22 21:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/09/22 21:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/09/22 21:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/09/22 21:15	1
1,2,4-Trimethylbenzene	**0.75**	**J B**	1.0	0.36	ug/L			08/09/22 21:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/09/22 21:15	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/09/22 21:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/09/22 21:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/09/22 21:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/09/22 21:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/09/22 21:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/09/22 21:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/09/22 21:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/09/22 21:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/09/22 21:15	1
Benzene	<0.15		0.50	0.15	ug/L			08/09/22 21:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/09/22 21:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/09/22 21:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/09/22 21:15	1
Bromoform	<0.48		1.0	0.48	ug/L			08/09/22 21:15	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/09/22 21:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/09/22 21:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/09/22 21:15	1
Chloroform	<0.37		2.0	0.37	ug/L			08/09/22 21:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/09/22 21:15	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/09/22 21:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/09/22 21:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/09/22 21:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/09/22 21:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/09/22 21:15	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/09/22 21:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/09/22 21:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/09/22 21:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/09/22 21:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/09/22 21:15	1
Naphthalene	**0.66**	**J B**	1.0	0.34	ug/L			08/09/22 21:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/09/22 21:15	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-3 Lab Sample ID: 500-220378-3

Date Collected: 08/02/22 09:15 **Matrix: Ground Water**
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/09/22 21:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 21:15	1
Styrene	<0.39		1.0	0.39	ug/L			08/09/22 21:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 21:15	1
Toluene	<0.15		0.50	0.15	ug/L			08/09/22 21:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/09/22 21:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/09/22 21:15	1
Trichloroethene	**0.54**		0.50	0.16	ug/L			08/09/22 21:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/09/22 21:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/09/22 21:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/09/22 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*08/09/22 21:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*08/09/22 21:15*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*08/09/22 21:15*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*08/09/22 21:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**94**		10	3.7	ug/L			08/10/22 16:52	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*08/10/22 16:52*	*10*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*08/10/22 16:52*	*10*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*08/10/22 16:52*	*10*
Toluene-d8 (Surr)	*100*		*75 - 120*		*08/10/22 16:52*	*10*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-4

Date Collected: 08/02/22 07:45
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/09/22 21:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/09/22 21:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/09/22 21:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/09/22 21:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/09/22 21:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/09/22 21:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/09/22 21:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/09/22 21:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/09/22 21:42	1
1,2,4-Trimethylbenzene	**0.73**	**J B**	1.0	0.36	ug/L			08/09/22 21:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/09/22 21:42	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/09/22 21:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/09/22 21:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/09/22 21:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/09/22 21:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/09/22 21:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/09/22 21:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/09/22 21:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/09/22 21:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/09/22 21:42	1
Benzene	<0.15		0.50	0.15	ug/L			08/09/22 21:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/09/22 21:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/09/22 21:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/09/22 21:42	1
Bromoform	<0.48		1.0	0.48	ug/L			08/09/22 21:42	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/09/22 21:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/09/22 21:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/09/22 21:42	1
Chloroform	<0.37		2.0	0.37	ug/L			08/09/22 21:42	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/09/22 21:42	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/09/22 21:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/09/22 21:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/09/22 21:42	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/09/22 21:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/09/22 21:42	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/09/22 21:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/09/22 21:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/09/22 21:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/09/22 21:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/09/22 21:42	1
Naphthalene	**0.66**	**J B**	1.0	0.34	ug/L			08/09/22 21:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/09/22 21:42	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-4 Lab Sample ID: 500-220378-4

Date Collected: 08/02/22 07:45 **Matrix: Ground Water**
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/09/22 21:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 21:42	1
Styrene	<0.39		1.0	0.39	ug/L			08/09/22 21:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 21:42	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			08/09/22 21:42	1
Toluene	<0.15		0.50	0.15	ug/L			08/09/22 21:42	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/09/22 21:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/09/22 21:42	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/09/22 21:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/09/22 21:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/09/22 21:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/09/22 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*08/09/22 21:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*08/09/22 21:42*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*08/09/22 21:42*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*08/09/22 21:42*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-5

Date Collected: 08/02/22 09:45
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/22 17:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/22 17:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/22 17:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/22 17:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/22 17:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/22 17:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/22 17:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/22 17:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/22 17:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/22 17:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/22 17:16	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/22 17:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/22 17:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/22 17:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/22 17:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/22 17:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/22 17:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/22 17:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/22 17:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/22 17:16	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/22 17:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/22 17:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/22 17:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/22 17:16	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/22 17:16	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/22 17:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/22 17:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/22 17:16	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/22 17:16	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/22 17:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/10/22 17:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/22 17:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/22 17:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/10/22 17:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/22 17:16	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/10/22 17:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/22 17:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/22 17:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/22 17:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/22 17:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/22 17:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/22 17:16	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-5 Lab Sample ID: 500-220378-5

Date Collected: 08/02/22 09:45 **Matrix: Ground Water**
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/22 17:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 17:16	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/22 17:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 17:16	1
Tetrachloroethene	**1.4**		1.0	0.37	ug/L			08/10/22 17:16	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/22 17:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/10/22 17:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/22 17:16	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/10/22 17:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/22 17:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/22 17:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/22 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*08/10/22 17:16*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*08/10/22 17:16*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*08/10/22 17:16*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*08/10/22 17:16*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-6

Date Collected: 08/02/22 10:15
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/22 17:39	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/22 17:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/22 17:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/22 17:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/22 17:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/22 17:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/22 17:39	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/22 17:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/22 17:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/22 17:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/22 17:39	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/22 17:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/22 17:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/22 17:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/22 17:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/22 17:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/22 17:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/22 17:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/22 17:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/22 17:39	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/22 17:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/22 17:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/22 17:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/22 17:39	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/22 17:39	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/22 17:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/22 17:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/22 17:39	1
Chloroform	**1.2**	**J**	2.0	0.37	ug/L			08/10/22 17:39	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/22 17:39	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/10/22 17:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/22 17:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/22 17:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/10/22 17:39	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/22 17:39	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/10/22 17:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/22 17:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/22 17:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/22 17:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/22 17:39	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/22 17:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/22 17:39	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: MW-6 Lab Sample ID: 500-220378-6

Date Collected: 08/02/22 10:15 **Matrix: Ground Water**
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/22 17:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 17:39	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/22 17:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 17:39	1
Tetrachloroethene	**34**		1.0	0.37	ug/L			08/10/22 17:39	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/22 17:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/10/22 17:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/22 17:39	1
Trichloroethene	**3.1**		0.50	0.16	ug/L			08/10/22 17:39	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/22 17:39	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/22 17:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/22 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*08/10/22 17:39*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*08/10/22 17:39*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*08/10/22 17:39*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*08/10/22 17:39*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: Trip Blank
Lab Sample ID: 500-220378-7
Date Collected: 08/02/22 00:00
Matrix: Water
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/22 18:03	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/22 18:03	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/22 18:03	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/22 18:03	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/22 18:03	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/22 18:03	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/22 18:03	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/22 18:03	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/22 18:03	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/22 18:03	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/22 18:03	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/22 18:03	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/22 18:03	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/22 18:03	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/22 18:03	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/22 18:03	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/22 18:03	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/22 18:03	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/22 18:03	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/22 18:03	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/22 18:03	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/22 18:03	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/22 18:03	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/22 18:03	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/22 18:03	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/22 18:03	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/22 18:03	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/22 18:03	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/22 18:03	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/22 18:03	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/10/22 18:03	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/22 18:03	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/22 18:03	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/10/22 18:03	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/22 18:03	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/10/22 18:03	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/22 18:03	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/22 18:03	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/22 18:03	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/22 18:03	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/22 18:03	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/22 18:03	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Client Sample ID: Trip Blank
Lab Sample ID: 500-220378-7
Date Collected: 08/02/22 00:00
Matrix: Water
Date Received: 08/04/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/22 18:03	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 18:03	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/22 18:03	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 18:03	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			08/10/22 18:03	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/22 18:03	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/10/22 18:03	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/22 18:03	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/10/22 18:03	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/22 18:03	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/22 18:03	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/22 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*08/10/22 18:03*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*08/10/22 18:03*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*08/10/22 18:03*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*08/10/22 18:03*	*1*

Definitions/Glossary

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

GC/MS VOA

Analysis Batch: 669079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-220378-1	MW-1	Total/NA	Ground Water	8260B	
500-220378-2	MW-2	Total/NA	Ground Water	8260B	
500-220378-3	MW-3	Total/NA	Ground Water	8260B	
500-220378-4	MW-4	Total/NA	Ground Water	8260B	
MB 500-669079/6	Method Blank	Total/NA	Water	8260B	
LCS 500-669079/8	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 669237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-220378-3 - DL	MW-3	Total/NA	Ground Water	8260B	
500-220378-5	MW-5	Total/NA	Ground Water	8260B	
500-220378-6	MW-6	Total/NA	Ground Water	8260B	
500-220378-7	Trip Blank	Total/NA	Water	8260B	
MB 500-669237/6	Method Blank	Total/NA	Water	8260B	
LCS 500-669237/4	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Matrix: Ground Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-220378-1	MW-1	95	100	105	92
500-220378-2	MW-2	95	100	105	93
500-220378-3	MW-3	96	98	104	91
500-220378-3 - DL	MW-3	102	108	108	100
500-220378-4	MW-4	95	98	104	91
500-220378-5	MW-5	102	107	107	99
500-220378-6	MW-6	100	109	107	101

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-220378-7	Trip Blank	103	108	108	101
LCS 500-669079/8	Lab Control Sample	86	98	92	95
LCS 500-669237/4	Lab Control Sample	92	95	100	101
MB 500-669079/6	Method Blank	95	98	101	93
MB 500-669237/6	Method Blank	99	110	104	101

Surrogate Legend

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

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Lab Sample ID: MB 500-669079/6
Matrix: Water
Analysis Batch: 669079

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/09/22 13:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/09/22 13:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/09/22 13:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/09/22 13:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/09/22 13:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/09/22 13:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/09/22 13:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/09/22 13:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/09/22 13:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/09/22 13:15	1
1,2,4-Trimethylbenzene	0.750	J	1.0	0.36	ug/L			08/09/22 13:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/09/22 13:15	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/09/22 13:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/09/22 13:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/09/22 13:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/09/22 13:15	1
1,3,5-Trimethylbenzene	0.792	J	1.0	0.25	ug/L			08/09/22 13:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/09/22 13:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/09/22 13:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/09/22 13:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/09/22 13:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/09/22 13:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/09/22 13:15	1
Benzene	<0.15		0.50	0.15	ug/L			08/09/22 13:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/09/22 13:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/09/22 13:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/09/22 13:15	1
Bromoform	<0.48		1.0	0.48	ug/L			08/09/22 13:15	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/09/22 13:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/09/22 13:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/09/22 13:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/09/22 13:15	1
Chloroform	<0.37		2.0	0.37	ug/L			08/09/22 13:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/09/22 13:15	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/09/22 13:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/09/22 13:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/09/22 13:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/09/22 13:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/09/22 13:15	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/09/22 13:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/09/22 13:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/09/22 13:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/09/22 13:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/09/22 13:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/09/22 13:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/09/22 13:15	1
Naphthalene	0.905	J	1.0	0.34	ug/L			08/09/22 13:15	1
n-Butylbenzene	0.659	J	1.0	0.39	ug/L			08/09/22 13:15	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Lab Sample ID: MB 500-669079/6
Matrix: Water
Analysis Batch: 669079

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	0.619	J	1.0	0.41	ug/L			08/09/22 13:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/09/22 13:15	1
sec-Butylbenzene	0.650	J	1.0	0.40	ug/L			08/09/22 13:15	1
Styrene	0.797	J	1.0	0.39	ug/L			08/09/22 13:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/09/22 13:15	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			08/09/22 13:15	1
Toluene	<0.15		0.50	0.15	ug/L			08/09/22 13:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/09/22 13:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/09/22 13:15	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/09/22 13:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/09/22 13:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/09/22 13:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/09/22 13:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*08/09/22 13:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*08/09/22 13:15*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*08/09/22 13:15*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*08/09/22 13:15*	*1*

Lab Sample ID: LCS 500-669079/8
Matrix: Water
Analysis Batch: 669079

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	40.0	41.0		ug/L		103	70 - 125
1,1,1-Trichloroethane	40.0	41.5		ug/L		104	70 - 125
1,1,2,2-Tetrachloroethane	40.0	33.9		ug/L		85	62 - 140
1,1,2-Trichloroethane	40.0	37.3		ug/L		93	71 - 130
1,1-Dichloroethane	40.0	39.7		ug/L		99	70 - 125
1,1-Dichloroethene	40.0	39.9		ug/L		100	67 - 122
1,1-Dichloropropene	40.0	41.6		ug/L		104	70 - 121
1,2,3-Trichlorobenzene	40.0	46.2		ug/L		115	51 - 145
1,2,3-Trichloropropane	40.0	34.7		ug/L		87	50 - 133
1,2,4-Trichlorobenzene	40.0	47.4		ug/L		118	57 - 137
1,2,4-Trimethylbenzene	40.0	39.9		ug/L		100	70 - 123
1,2-Dibromo-3-Chloropropane	40.0	32.5		ug/L		81	56 - 123
Ethylene Dibromide	40.0	35.6		ug/L		89	70 - 125
1,2-Dichlorobenzene	40.0	44.1		ug/L		110	70 - 125
1,2-Dichloroethane	40.0	39.5		ug/L		99	68 - 127
1,2-Dichloropropane	40.0	38.9		ug/L		97	67 - 130
1,3,5-Trimethylbenzene	40.0	39.9		ug/L		100	70 - 123
1,3-Dichlorobenzene	40.0	45.7		ug/L		114	70 - 125
1,3-Dichloropropane	40.0	36.3		ug/L		91	62 - 136
1,4-Dichlorobenzene	40.0	43.8		ug/L		110	70 - 120
2,2-Dichloropropane	40.0	41.8		ug/L		105	58 - 139
2-Chlorotoluene	40.0	42.5		ug/L		106	70 - 125
4-Chlorotoluene	40.0	43.3		ug/L		108	68 - 124

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Lab Sample ID: LCS 500-669079/8
Matrix: Water
Analysis Batch: 669079

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	40.0	39.1		ug/L		98	70 - 120
Bromobenzene	40.0	45.7		ug/L		114	70 - 122
Bromochloromethane	40.0	39.6		ug/L		99	65 - 122
Bromodichloromethane	40.0	38.8		ug/L		97	69 - 120
Bromoform	40.0	40.8		ug/L		102	56 - 132
Bromomethane	40.0	40.0		ug/L		100	40 - 152
Carbon tetrachloride	40.0	41.0		ug/L		102	59 - 133
Chlorobenzene	40.0	41.5		ug/L		104	70 - 120
Chloroethane	40.0	39.2		ug/L		98	48 - 136
Chloroform	40.0	37.7		ug/L		94	70 - 120
Chloromethane	40.0	42.8		ug/L		107	56 - 152
cis-1,2-Dichloroethene	40.0	40.6		ug/L		102	70 - 125
cis-1,3-Dichloropropene	40.0	34.1		ug/L		85	64 - 127
Dibromochloromethane	40.0	39.5		ug/L		99	68 - 125
Dibromomethane	40.0	36.5		ug/L		91	70 - 120
Dichlorodifluoromethane	40.0	35.1		ug/L		88	40 - 159
Dichlorofluoromethane	40.0	36.4		ug/L		91	69 - 124
Ethylbenzene	40.0	43.5		ug/L		109	70 - 123
Hexachlorobutadiene	40.0	53.5		ug/L		134	51 - 150
Isopropylbenzene	40.0	39.2		ug/L		98	70 - 126
Methyl tert-butyl ether	40.0	32.6		ug/L		82	55 - 123
Methylene Chloride	40.0	37.8		ug/L		95	69 - 125
Naphthalene	40.0	36.1		ug/L		90	53 - 144
n-Butylbenzene	40.0	38.9		ug/L		97	68 - 125
N-Propylbenzene	40.0	38.6		ug/L		96	69 - 127
p-Isopropyltoluene	40.0	40.4		ug/L		101	70 - 125
sec-Butylbenzene	40.0	39.3		ug/L		98	70 - 123
Styrene	40.0	37.9		ug/L		95	70 - 120
tert-Butylbenzene	40.0	39.8		ug/L		99	70 - 121
Tetrachloroethene	40.0	48.0		ug/L		120	70 - 128
Toluene	40.0	42.5		ug/L		106	70 - 125
trans-1,2-Dichloroethene	40.0	40.9		ug/L		102	70 - 125
trans-1,3-Dichloropropene	40.0	33.3		ug/L		83	62 - 128
Trichloroethene	40.0	45.0		ug/L		112	70 - 125
Trichlorofluoromethane	40.0	38.2		ug/L		95	55 - 128
Vinyl chloride	40.0	38.9		ug/L		97	64 - 126
Xylenes, Total	80.0	79.7		ug/L		100	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Lab Sample ID: MB 500-669237/6
Matrix: Water
Analysis Batch: 669237

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/22 11:23	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/22 11:23	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/22 11:23	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/22 11:23	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/22 11:23	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/22 11:23	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/22 11:23	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/22 11:23	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/22 11:23	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/22 11:23	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/22 11:23	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/22 11:23	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/22 11:23	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/22 11:23	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/22 11:23	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/22 11:23	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/22 11:23	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/22 11:23	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/22 11:23	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/22 11:23	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/22 11:23	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/22 11:23	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/22 11:23	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/22 11:23	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/22 11:23	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/22 11:23	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/22 11:23	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/22 11:23	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/22 11:23	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/22 11:23	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			08/10/22 11:23	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/22 11:23	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/22 11:23	1
Dibromomethane	<0.27		1.0	0.27	ug/L			08/10/22 11:23	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/22 11:23	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			08/10/22 11:23	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/22 11:23	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/22 11:23	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/22 11:23	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/22 11:23	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/22 11:23	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Lab Sample ID: MB 500-669237/6
Matrix: Water
Analysis Batch: 669237

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/22 11:23	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/22 11:23	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 11:23	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/22 11:23	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/22 11:23	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			08/10/22 11:23	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/22 11:23	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			08/10/22 11:23	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/22 11:23	1
Trichloroethene	<0.16		0.50	0.16	ug/L			08/10/22 11:23	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/22 11:23	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/22 11:23	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/22 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*08/10/22 11:23*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*08/10/22 11:23*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*08/10/22 11:23*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*08/10/22 11:23*	*1*

Lab Sample ID: LCS 500-669237/4
Matrix: Water
Analysis Batch: 669237

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	50.5		ug/L		101	70 - 125
1,1,1-Trichloroethane	50.0	44.8		ug/L		90	70 - 125
1,1,2,2-Tetrachloroethane	50.0	42.0		ug/L		84	62 - 140
1,1,2-Trichloroethane	50.0	47.0		ug/L		94	71 - 130
1,1-Dichloroethane	50.0	39.9		ug/L		80	70 - 125
1,1-Dichloroethene	50.0	39.9		ug/L		80	67 - 122
1,1-Dichloropropene	50.0	46.3		ug/L		93	70 - 121
1,2,3-Trichlorobenzene	50.0	44.2		ug/L		88	51 - 145
1,2,3-Trichloropropane	50.0	48.3		ug/L		97	50 - 133
1,2,4-Trichlorobenzene	50.0	44.0		ug/L		88	57 - 137
1,2,4-Trimethylbenzene	50.0	48.0		ug/L		96	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	39.9		ug/L		80	56 - 123
Ethylene Dibromide	50.0	48.3		ug/L		97	70 - 125
1,2-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 125
1,2-Dichloroethane	50.0	44.4		ug/L		89	68 - 127
1,2-Dichloropropane	50.0	45.3		ug/L		91	67 - 130
1,3,5-Trimethylbenzene	50.0	48.5		ug/L		97	70 - 123
1,3-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 125
1,3-Dichloropropane	50.0	45.6		ug/L		91	62 - 136
1,4-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 120
2,2-Dichloropropane	50.0	45.2		ug/L		90	58 - 139
2-Chlorotoluene	50.0	45.9		ug/L		92	70 - 125
4-Chlorotoluene	50.0	45.6		ug/L		91	68 - 124

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

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

Lab Sample ID: LCS 500-669237/4
Matrix: Water
Analysis Batch: 669237

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	45.1		ug/L		90	70 - 120
Bromobenzene	50.0	51.2		ug/L		102	70 - 122
Bromochloromethane	50.0	47.6		ug/L		95	65 - 122
Bromodichloromethane	50.0	46.0		ug/L		92	69 - 120
Bromoform	50.0	54.9		ug/L		110	56 - 132
Bromomethane	50.0	37.0		ug/L		74	40 - 152
Carbon tetrachloride	50.0	49.3		ug/L		99	59 - 133
Chlorobenzene	50.0	48.1		ug/L		96	70 - 120
Chloroethane	50.0	26.9		ug/L		54	48 - 136
Chloroform	50.0	41.6		ug/L		83	70 - 120
Chloromethane	50.0	44.6		ug/L		89	56 - 152
cis-1,2-Dichloroethene	50.0	43.1		ug/L		86	70 - 125
cis-1,3-Dichloropropene	50.0	48.0		ug/L		96	64 - 127
Dibromochloromethane	50.0	51.9		ug/L		104	68 - 125
Dibromomethane	50.0	46.6		ug/L		93	70 - 120
Dichlorodifluoromethane	50.0	39.9		ug/L		80	40 - 159
Dichlorofluoromethane	50.0	36.3		ug/L		73	69 - 124
Ethylbenzene	50.0	47.4		ug/L		95	70 - 123
Hexachlorobutadiene	50.0	47.5		ug/L		95	51 - 150
Isopropylbenzene	50.0	48.3		ug/L		97	70 - 126
Methyl tert-butyl ether	50.0	39.8		ug/L		80	55 - 123
Methylene Chloride	50.0	40.1		ug/L		80	69 - 125
Naphthalene	50.0	45.1		ug/L		90	53 - 144
n-Butylbenzene	50.0	44.1		ug/L		88	68 - 125
N-Propylbenzene	50.0	47.2		ug/L		94	69 - 127
p-Isopropyltoluene	50.0	49.2		ug/L		98	70 - 125
sec-Butylbenzene	50.0	46.8		ug/L		94	70 - 123
Styrene	50.0	49.1		ug/L		98	70 - 120
tert-Butylbenzene	50.0	49.8		ug/L		100	70 - 121
Tetrachloroethene	50.0	56.5		ug/L		113	70 - 128
Toluene	50.0	48.7		ug/L		97	70 - 125
trans-1,2-Dichloroethene	50.0	43.2		ug/L		86	70 - 125
trans-1,3-Dichloropropene	50.0	47.5		ug/L		95	62 - 128
Trichloroethene	50.0	52.2		ug/L		104	70 - 125
Trichlorofluoromethane	50.0	41.5		ug/L		83	55 - 128
Vinyl chloride	50.0	46.4		ug/L		93	64 - 126
Xylenes, Total	100	97.0		ug/L		97	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 120*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Client Sample ID: MW-1
Date Collected: 08/02/22 08:15
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669079	W1T	EET CHI	08/09/22 20:22

Client Sample ID: MW-2
Date Collected: 08/02/22 08:45
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669079	W1T	EET CHI	08/09/22 20:49

Client Sample ID: MW-3
Date Collected: 08/02/22 09:15
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669079	W1T	EET CHI	08/09/22 21:15
Total/NA	Analysis	8260B	DL	10	669237	JDD	EET CHI	08/10/22 16:52

Client Sample ID: MW-4
Date Collected: 08/02/22 07:45
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669079	W1T	EET CHI	08/09/22 21:42

Client Sample ID: MW-5
Date Collected: 08/02/22 09:45
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669237	JDD	EET CHI	08/10/22 17:16

Client Sample ID: MW-6
Date Collected: 08/02/22 10:15
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669237	JDD	EET CHI	08/10/22 17:39

Client Sample ID: Trip Blank
Date Collected: 08/02/22 00:00
Date Received: 08/04/22 09:35

Lab Sample ID: 500-220378-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	669237	JDD	EET CHI	08/10/22 18:03

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property - P-0011071

Job ID: 500-220378-1

Laboratory References:

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

Accreditation/Certification Summary

Client: American Engineering Testing Inc. Job ID: 500-220378-1
Project/Site: Laundromat Property - P-0011071

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

Chain of Custody Record

539417

eurofins Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: M. Vesl	Site Contact	Date: 8-2-22	COC No
Company Name: AET	Tel/Email: mvesl@teamaet.com	Lab Contact: Sandie F	Carrier	1 of 1 COCs
Address	Analysis Turnaround Time: ☒ CALENDAR DAYS ☐ WORKING DAYS			Sampler: Michael K. Vesl
City/State/Zip: CFWI 54729	TAT if different from Below: ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			For Lab Use Only: Walk-in Client. Lab Sampling
Phone: 715 861 5045				Job / SDG No: 500-220378
Fax				
Project Name: Laundromat Property				
Site: Menomonee, WI				
P O #: 181 74 528				

AET # P-0011071

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs
1	MW-1	8-2-22	8:15	G	GW	3			X
2	MW-2		8:45			3			X
3	MW-3		9:15			3			X
4	MW-4		7:45			3			X
5	MW-5		9:45			3			X
6	MW-6		10:5			3			X
7	Trip Blnk		—	—	W	1			X

500-220378 COC

Sample Specific Notes

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

2

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

3.4+1.4

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	AET	8-3-22 15:00	Fedx		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			Stephanie Hernandez	EETA	8/4/22 0935

Login Sample Receipt Checklist

Client: American Engineering Testing Inc. Job Number: 500-220378-1

Login Number: 220378 **List Source: Eurofins Chicago**
List Number: 1
Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

REVIEWED
By mneal at 8:09 am, Nov 17, 2022

ANALYTICAL REPORT

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-224805-1
Client Project/Site: Laundromat Property AETH P_0011071

For:
American Engineering Testing Inc.
1837 Cty Hwy OO
Chippewa Falls, Wisconsin 54729

Attn: Mr. Michael Neal

Authorized for release by:
11/11/2022 4:46:07 PM

Sandie Fredrick, Project Manager II
(920)261-1660
Sandra.Fredrick@et.eurofinsus.com

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Laboratory Job ID: 500-224805-1

Table of Contents

Case Narrative

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-224805-1

Comments
No additional comments.

Receipt
The samples were received on 11/3/2022 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-1 Lab Sample ID: 500-224805-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-2 Lab Sample ID: 500-224805-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.9		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-3 Lab Sample ID: 500-224805-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	290		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: MW-4 Lab Sample ID: 500-224805-4

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 500-224805-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.6		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6 Lab Sample ID: 500-224805-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.90	J	2.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.60	J	1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK Lab Sample ID: 500-224805-7

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-224805-1	MW-1	Ground Water	11/01/22 12:20	11/03/22 09:40
500-224805-2	MW-2	Ground Water	11/01/22 12:30	11/03/22 09:40
500-224805-3	MW-3	Ground Water	11/01/22 14:10	11/03/22 09:40
500-224805-4	MW-4	Ground Water	11/01/22 11:30	11/03/22 09:40
500-224805-5	MW-5	Ground Water	11/01/22 13:10	11/03/22 09:40
500-224805-6	MW-6	Ground Water	11/01/22 13:40	11/03/22 09:40
500-224805-7	TRIP BLANK	Water	11/01/22 00:00	11/03/22 09:40

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-1
Date Collected: 11/01/22 12:20
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-1
Matrix: Ground Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 02:55	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 02:55	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 02:55	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 02:55	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 02:55	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 02:55	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 02:55	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 02:55	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 02:55	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 02:55	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 02:55	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 02:55	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 02:55	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 02:55	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 02:55	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 02:55	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 02:55	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 02:55	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 02:55	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 02:55	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 02:55	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 02:55	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 02:55	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 02:55	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 02:55	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 02:55	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 02:55	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 02:55	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 02:55	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 02:55	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 02:55	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 02:55	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 02:55	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 02:55	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 02:55	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 02:55	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 02:55	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 02:55	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 02:55	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 02:55	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 02:55	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 02:55	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-1 **Lab Sample ID: 500-224805-1**
Date Collected: 11/01/22 12:20 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 02:55	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 02:55	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 02:55	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 02:55	1
Tetrachloroethene	**4.3**		1.0	0.37	ug/L			11/11/22 02:55	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 02:55	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 02:55	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 02:55	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/22 02:55	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 02:55	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 02:55	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*11/11/22 02:55*	*1*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*11/11/22 02:55*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*11/11/22 02:55*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/11/22 02:55*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-2
Date Collected: 11/01/22 12:30
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-2
Matrix: Ground Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 03:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 03:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 03:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 03:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 03:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 03:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 03:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 03:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 03:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 03:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 03:18	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 03:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 03:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 03:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 03:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 03:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 03:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 03:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 03:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 03:18	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 03:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 03:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 03:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 03:18	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 03:18	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 03:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 03:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 03:18	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 03:18	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 03:18	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 03:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 03:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 03:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 03:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 03:18	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 03:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 03:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 03:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 03:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 03:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 03:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 03:18	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-2 **Lab Sample ID: 500-224805-2**
Date Collected: 11/01/22 12:30 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 03:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 03:18	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 03:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 03:18	1
Tetrachloroethene	**6.9**		1.0	0.37	ug/L			11/11/22 03:18	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 03:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 03:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 03:18	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/22 03:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 03:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 03:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*11/11/22 03:18*	*1*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*11/11/22 03:18*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*11/11/22 03:18*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*11/11/22 03:18*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-3
Date Collected: 11/01/22 14:10
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-3
Matrix: Ground Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 03:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 03:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 03:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 03:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 03:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 03:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 03:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 03:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 03:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 03:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 03:40	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 03:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 03:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 03:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 03:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 03:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 03:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 03:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 03:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 03:40	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 03:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 03:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 03:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 03:40	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 03:40	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 03:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 03:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 03:40	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 03:40	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 03:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 03:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 03:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 03:40	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 03:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 03:40	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 03:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 03:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 03:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 03:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 03:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 03:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 03:40	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-3 Lab Sample ID: 500-224805-3

Date Collected: 11/01/22 14:10 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 03:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 03:40	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 03:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 03:40	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 03:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 03:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 03:40	1
Trichloroethene	**1.5**		0.50	0.16	ug/L			11/11/22 03:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 03:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 03:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*11/11/22 03:40*	*1*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*11/11/22 03:40*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*11/11/22 03:40*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*11/11/22 03:40*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**290**		10	3.7	ug/L			11/11/22 04:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*11/11/22 04:03*	*10*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*11/11/22 04:03*	*10*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*11/11/22 04:03*	*10*
Toluene-d8 (Surr)	*105*		*75 - 120*		*11/11/22 04:03*	*10*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-4 **Lab Sample ID: 500-224805-4**
Date Collected: 11/01/22 11:30 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 04:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 04:26	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 04:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 04:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 04:26	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 04:26	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 04:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 04:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 04:26	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 04:26	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 04:26	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 04:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 04:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 04:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 04:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 04:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 04:26	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 04:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 04:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 04:26	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 04:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 04:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 04:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 04:26	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 04:26	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 04:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 04:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 04:26	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 04:26	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 04:26	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 04:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 04:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 04:26	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 04:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 04:26	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 04:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 04:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 04:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 04:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 04:26	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 04:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 04:26	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-4 **Lab Sample ID: 500-224805-4**
Date Collected: 11/01/22 11:30 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 04:26	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 04:26	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 04:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 04:26	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/11/22 04:26	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 04:26	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 04:26	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 04:26	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/22 04:26	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 04:26	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 04:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*11/11/22 04:26*	*1*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*11/11/22 04:26*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*11/11/22 04:26*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*11/11/22 04:26*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-5 Lab Sample ID: 500-224805-5

Date Collected: 11/01/22 13:10 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 04:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 04:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 04:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 04:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 04:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 04:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 04:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 04:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 04:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 04:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 04:49	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 04:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 04:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 04:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 04:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 04:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 04:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 04:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 04:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 04:49	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 04:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 04:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 04:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 04:49	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 04:49	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 04:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 04:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 04:49	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 04:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 04:49	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 04:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 04:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 04:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 04:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 04:49	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 04:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 04:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 04:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 04:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 04:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 04:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 04:49	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-5 **Lab Sample ID: 500-224805-5**
Date Collected: 11/01/22 13:10 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 04:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 04:49	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 04:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 04:49	1
Tetrachloroethene	**1.6**		1.0	0.37	ug/L			11/11/22 04:49	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 04:49	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 04:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 04:49	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/22 04:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 04:49	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 04:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*11/11/22 04:49*	*1*
4-Bromofluorobenzene (Surr)	*118*		*72 - 124*		*11/11/22 04:49*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*11/11/22 04:49*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*11/11/22 04:49*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-6 Lab Sample ID: 500-224805-6

Date Collected: 11/01/22 13:40 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 05:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 05:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 05:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 05:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 05:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 05:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 05:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 05:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 05:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 05:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 05:11	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 05:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 05:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 05:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 05:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 05:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 05:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 05:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 05:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 05:11	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 05:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 05:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 05:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 05:11	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 05:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 05:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 05:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 05:11	1
Chloroform	**0.90**	**J**	2.0	0.37	ug/L			11/11/22 05:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 05:11	1
cis-1,2-Dichloroethene	**0.60**	**J**	1.0	0.41	ug/L			11/11/22 05:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 05:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 05:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 05:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 05:11	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 05:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 05:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 05:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 05:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 05:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 05:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 05:11	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: MW-6 Lab Sample ID: 500-224805-6

Date Collected: 11/01/22 13:40 **Matrix: Ground Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 05:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 05:11	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 05:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 05:11	1
Tetrachloroethene	**15**		1.0	0.37	ug/L			11/11/22 05:11	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 05:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 05:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 05:11	1
Trichloroethene	**1.6**		0.50	0.16	ug/L			11/11/22 05:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 05:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 05:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*11/11/22 05:11*	*1*
4-Bromofluorobenzene (Surr)	*118*		*72 - 124*		*11/11/22 05:11*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*11/11/22 05:11*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*11/11/22 05:11*	*1*

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-224805-7
Date Collected: 11/01/22 00:00
Matrix: Water
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 05:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 05:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 05:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 05:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 05:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 05:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 05:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 05:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 05:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 05:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 05:34	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 05:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 05:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 05:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 05:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 05:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 05:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 05:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 05:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 05:34	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 05:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 05:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 05:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 05:34	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 05:34	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 05:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 05:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 05:34	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 05:34	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 05:34	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 05:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 05:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 05:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 05:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 05:34	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 05:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 05:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 05:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 05:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 05:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 05:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 05:34	1

Client Sample Results

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Client Sample ID: TRIP BLANK **Lab Sample ID: 500-224805-7**
Date Collected: 11/01/22 00:00 **Matrix: Water**
Date Received: 11/03/22 09:40

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 05:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 05:34	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 05:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 05:34	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/11/22 05:34	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 05:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 05:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 05:34	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/22 05:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 05:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 05:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*11/11/22 05:34*	*1*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*11/11/22 05:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*11/11/22 05:34*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*11/11/22 05:34*	*1*

Definitions/Glossary

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

GC/MS VOA

Analysis Batch: 684375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224805-1	MW-1	Total/NA	Ground Water	8260B	
500-224805-2	MW-2	Total/NA	Ground Water	8260B	
500-224805-3	MW-3	Total/NA	Ground Water	8260B	
500-224805-3 - DL	MW-3	Total/NA	Ground Water	8260B	
500-224805-4	MW-4	Total/NA	Ground Water	8260B	
500-224805-5	MW-5	Total/NA	Ground Water	8260B	
500-224805-6	MW-6	Total/NA	Ground Water	8260B	
500-224805-7	TRIP BLANK	Total/NA	Water	8260B	
MB 500-684375/6	Method Blank	Total/NA	Water	8260B	
LCS 500-684375/4	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-224805-1	MW-1	112	117	96	103
500-224805-2	MW-2	112	114	95	105
500-224805-3	MW-3	113	113	95	105
500-224805-3 - DL	MW-3	111	114	95	105
500-224805-4	MW-4	113	113	100	103
500-224805-5	MW-5	113	118	95	105
500-224805-6	MW-6	115	118	97	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-224805-7	TRIP BLANK	114	114	96	105
LCS 500-684375/4	Lab Control Sample	106	108	98	100
MB 500-684375/6	Method Blank	108	113	98	101

Surrogate Legend

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

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

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

Lab Sample ID: MB 500-684375/6
Matrix: Water
Analysis Batch: 684375

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/22 00:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/22 00:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/22 00:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/22 00:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/22 00:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/22 00:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/22 00:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/22 00:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/22 00:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/22 00:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/22 00:38	1
Ethylene Dibromide	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/22 00:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/22 00:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/22 00:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/22 00:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/22 00:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/22 00:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/22 00:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/22 00:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/22 00:38	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/22 00:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/22 00:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/22 00:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/22 00:38	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/22 00:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/22 00:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/22 00:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/22 00:38	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/22 00:38	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/22 00:38	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/11/22 00:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/22 00:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/22 00:38	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/11/22 00:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/22 00:38	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			11/11/22 00:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/22 00:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/22 00:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/22 00:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/22 00:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/22 00:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

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

Lab Sample ID: MB 500-684375/6
Matrix: Water
Analysis Batch: 684375

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/22 00:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/22 00:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 00:38	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/22 00:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/22 00:38	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/11/22 00:38	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/22 00:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/11/22 00:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/22 00:38	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/11/22 00:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/22 00:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/22 00:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/22 00:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*11/11/22 00:38*	*1*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*11/11/22 00:38*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*11/11/22 00:38*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*11/11/22 00:38*	*1*

Lab Sample ID: LCS 500-684375/4
Matrix: Water
Analysis Batch: 684375

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	49.5		ug/L		99	70 - 125
1,1,1-Trichloroethane	50.0	60.3		ug/L		121	70 - 125
1,1,2,2-Tetrachloroethane	50.0	52.3		ug/L		105	62 - 140
1,1,2-Trichloroethane	50.0	55.3		ug/L		111	71 - 130
1,1-Dichloroethane	50.0	53.0		ug/L		106	70 - 125
1,1-Dichloroethene	50.0	54.7		ug/L		109	67 - 122
1,1-Dichloropropene	50.0	58.1		ug/L		116	70 - 121
1,2,3-Trichlorobenzene	50.0	42.0		ug/L		84	51 - 145
1,2,3-Trichloropropane	50.0	53.6		ug/L		107	50 - 133
1,2,4-Trichlorobenzene	50.0	46.2		ug/L		92	57 - 137
1,2,4-Trimethylbenzene	50.0	55.0		ug/L		110	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	41.1		ug/L		82	56 - 123
Ethylene Dibromide	50.0	57.9		ug/L		116	70 - 125
1,2-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 125
1,2-Dichloroethane	50.0	57.7		ug/L		115	68 - 127
1,2-Dichloropropane	50.0	53.3		ug/L		107	67 - 130
1,3,5-Trimethylbenzene	50.0	54.6		ug/L		109	70 - 123
1,3-Dichlorobenzene	50.0	53.5		ug/L		107	70 - 125
1,3-Dichloropropane	50.0	57.3		ug/L		115	62 - 136
1,4-Dichlorobenzene	50.0	53.2		ug/L		106	70 - 120
2,2-Dichloropropane	50.0	61.2		ug/L		122	58 - 139
2-Chlorotoluene	50.0	55.3		ug/L		111	70 - 125
4-Chlorotoluene	50.0	57.5		ug/L		115	68 - 124

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

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

Lab Sample ID: LCS 500-684375/4
Matrix: Water
Analysis Batch: 684375

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	58.0		ug/L		116	70 - 120
Bromobenzene	50.0	54.6		ug/L		109	70 - 122
Bromochloromethane	50.0	51.5		ug/L		103	65 - 122
Bromodichloromethane	50.0	57.7		ug/L		115	69 - 120
Bromoform	50.0	48.2		ug/L		96	56 - 132
Bromomethane	50.0	57.6		ug/L		115	40 - 152
Carbon tetrachloride	50.0	57.3		ug/L		115	59 - 133
Chlorobenzene	50.0	54.5		ug/L		109	70 - 120
Chloroethane	50.0	49.5		ug/L		99	48 - 136
Chloroform	50.0	56.9		ug/L		114	70 - 120
Chloromethane	50.0	40.7		ug/L		81	56 - 152
cis-1,2-Dichloroethene	50.0	56.6		ug/L		113	70 - 125
cis-1,3-Dichloropropene	50.0	53.9		ug/L		108	64 - 127
Dibromochloromethane	50.0	49.8		ug/L		100	68 - 125
Dibromomethane	50.0	58.6		ug/L		117	70 - 120
Dichlorodifluoromethane	50.0	46.6		ug/L		93	40 - 159
Dichlorofluoromethane	50.0	51.5		ug/L		103	69 - 124
Ethylbenzene	50.0	55.1		ug/L		110	70 - 123
Hexachlorobutadiene	50.0	53.1		ug/L		106	51 - 150
Isopropylbenzene	50.0	53.6		ug/L		107	70 - 126
Methyl tert-butyl ether	50.0	57.9		ug/L		116	55 - 123
Methylene Chloride	50.0	54.7		ug/L		109	69 - 125
Naphthalene	50.0	36.1		ug/L		72	53 - 144
n-Butylbenzene	50.0	56.3		ug/L		113	68 - 125
N-Propylbenzene	50.0	56.7		ug/L		113	69 - 127
p-Isopropyltoluene	50.0	53.6		ug/L		107	70 - 125
sec-Butylbenzene	50.0	54.4		ug/L		109	70 - 123
Styrene	50.0	58.3		ug/L		117	70 - 120
tert-Butylbenzene	50.0	53.0		ug/L		106	70 - 121
Tetrachloroethene	50.0	53.9		ug/L		108	70 - 128
Toluene	50.0	53.7		ug/L		107	70 - 125
trans-1,2-Dichloroethene	50.0	57.0		ug/L		114	70 - 125
trans-1,3-Dichloropropene	50.0	56.8		ug/L		114	62 - 128
Trichloroethene	50.0	53.6		ug/L		107	70 - 125
Trichlorofluoromethane	50.0	45.3		ug/L		91	55 - 128
Vinyl chloride	50.0	44.4		ug/L		89	64 - 126
Xylenes, Total	100	115		ug/L		115	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

Client Sample ID: MW-1
Date Collected: 11/01/22 12:20
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 02:55

Client Sample ID: MW-2
Date Collected: 11/01/22 12:30
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 03:18

Client Sample ID: MW-3
Date Collected: 11/01/22 14:10
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 03:40
Total/NA	Analysis	8260B	DL	10	684375	PMF	EET CHI	11/11/22 04:03

Client Sample ID: MW-4
Date Collected: 11/01/22 11:30
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 04:26

Client Sample ID: MW-5
Date Collected: 11/01/22 13:10
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 04:49

Client Sample ID: MW-6
Date Collected: 11/01/22 13:40
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 05:11

Client Sample ID: TRIP BLANK
Date Collected: 11/01/22 00:00
Date Received: 11/03/22 09:40

Lab Sample ID: 500-224805-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	684375	PMF	EET CHI	11/11/22 05:34

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Laundromat Property AETH P_0011071

Job ID: 500-224805-1

Laboratory References:

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

Accreditation/Certification Summary

Client: American Engineering Testing Inc. Job ID: 500-224805-1
Project/Site: Laundromat Property AETH P_0011071

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Chain of Custody Record

539425

Environment Testing TestAmerica

Address

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

500-224805 COC

TAL-8210

Client Contact	Project Manager	Site Contact	Date
Company Name: AET	Tel/Email: mneal@trcsm.AET.com	Lab Contact: Sandie F	Carrier:
Address	Analysis Turnaround Time		1 of 1 COCs
City/State/Zip: CF, WI 54729	☒ CALENDAR DAYS ☐ WORKING DAYS		Sampler: Michael K. Neal
Phone: 715 861 5045	TAT if different from Below		For Lab Use Only
Fax	☒ 2 weeks		Walk-in Client
Project Name: Laundromat Property	☐ 1 week		Lab Sampling
Site: Menomonee, WI	☐ 2 days		Job / SDG No: 500-224805
P O #: 181 24 528	☐ 1 day		

AETH P0011071

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes
1	MW-1	11-1-22	12:10	G	GW	3			X	
2	MW-2		12:40			3			X	
3	MW-3		14:10			3			X	
4	MW-4		11:30			3			X	
5	MW-5		13:10			3			X	
6	MW-6		13:40			3			X	
7	Trip Blank				W	1			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 2

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd 3.2 Corr'd 3.4 | Therm ID No

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Michael K Neal	AET	11-1-22 14:30	Fedex		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
					11-3-22 0940

Login Sample Receipt Checklist

Client: American Engineering Testing Inc.

Job Number: 500-224805-1
SDG Number:

Login Number: 224805
List Number: 1
Creator: Carbajal, Melina

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	