



ENVIRONMENTAL &
RISK MANAGEMENT

PHASE II ENVIRONMENTAL SITE ASSESSMENT

**800 SOUTH BLACKHORSE PIKE
WILLIAMSTOWN, NEW JERSEY 08094**



Prepared for:
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JUNE 2023

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1.0 INTRODUCTION

1.1 General Site Information

The Subject Property consists of one parcel, approximately 2.17 acres in area, and is located at 800 S. Black Horse Pike, Williamstown, New Jersey 08094 (the “Subject Property”). The Subject Property is a former heating oil distribution facility with a residence located near the northwest corner and two vacant outbuildings located near the northern property boundary. A concrete containment structure for the aboveground tanks that were formerly located on the Subject Property is located in the southern portion of the site. Surrounding properties are a mix of residential, commercial, and vacant lots and a Site Location Map is attached as **Figure 1**.

1.2 Previous Environmental Site Assessment

In January 2021, React Environmental Professional Services Group, Inc. (RESPG) completed a Phase I Environmental Site Assessment (ESA) of the Subject Property and identified the following Recognized Environmental Conditions (RECs):

- ***REC-1: Historical use of the Subject Property as a Fuel Oil Terminal*** – the Subject Property was occupied by Pflugfelder Oil Company from the 1940s through 2000 and a number of underground and aboveground storage tanks were at one time located on the Site. RESPG could not locate closure documentation for some of the storage tanks and the potential for historic petroleum releases to impact soil and groundwater quality beneath the Subject property was considered a REC.
- ***REC-2: Heating Oil UST*** – one 1,000-gallon heating oil underground storage tank (UST) was reportedly present to the northwest of the office/residence located on the Subject Property. As RESPG could not confirm if the UST was properly closed in accordance with applicable New Jersey Department of Environmental Protection (NJDEP) requirements, the potential for a release from the heating oil UST to impact soil and groundwater quality at the Site was considered a REC.
- ***REC-3: Non-Native Fill Materials*** – RESPG suggested that historic development and UST removal activities at the Subject Property may have included the placement of fill material

from offsite sources. The potential for this fill material to contain contaminant concentrations exceeding applicable NJDEP soil standards was considered a REC.

To further investigate the identified RECs, Claymore recommended the completion of a Phase II ESA, which included a geophysical survey, the advancement of soil borings, and the collection / analysis of soil and groundwater samples.

1.3 Phase II Objectives & Scope of Work

The primary purpose of the Phase II ESA was to confirm if orphaned USTs are present on the Subject Property and to gather general, cursory information regarding soil and groundwater quality at the Site. All Phase II work was performed in general accordance with applicable standards as set forth by the ASTM International (ASTM), *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (ASTM E 1903-19).

To further evaluate and characterize subsurface conditions, Claymore implemented the following scope of work:

- Performed a NJ One Call to locate all underground utility lines that may be servicing the Subject Property.
- Oversaw a geophysical survey of the Subject Property to look for evidence of orphaned USTs.
- Mobilized a Geoprobe® drill rig to advance ten soil borings throughout the Subject Property.
- Continuously field-screened recovered soil cores for volatile organic compounds (VOCs) using a calibrated Mini-Rae® photoionization detector (PID).
- Recorded lithologic information, sample recoveries, and PID readings on field boring logs.
- Installed two temporary monitoring wells within borings SB2 and SB3 to assess potential groundwater impacts.
- Collected one groundwater sample from each of the temporary monitoring wells that were installed.
- Submitted six soil and two groundwater samples to a New Jersey-accredited laboratory for analysis.

2.0 FIELD ACTIVITIES

2.1 Utility Clearance/Geophysical Survey

Prior to drilling, the New Jersey One Call utility notification center was contacted for public utility location services at the Subject Property. On May 31, 2024, Claymore observed East Coast Geophysics, Inc. of Bensalem, Pennsylvania complete a ground penetrating radar (GPR) and electromagnetic (EM) survey of the Subject Property. The purpose of the GPR/EM survey was to identify subsurface anomalies that would be indicative of current or historic USTs and as shown on **Figure 2**, the following suspected tank locations were identified:

Suspected 1,000-gallon heating oil UST – one metal anomaly was detected to the north of the residence located on the Subject Property and in the vicinity of the main gas service into building:



Given the location, size and shape of the anomaly it is likely that a 1,000-gallon heating UST is still present at this location.

Potential 1,000-gallon UST – a metal anomaly was detected to the west of the concrete containment area located on the Subject Property:



While the anomaly was not clearly defined, it is possible that given the historic use of the Subject Property, a UST may be present in this area.

2.2 Soil Boring Investigation and Soil Sampling

On May 31, 2024, Claymore observed Ferris Company LLC (Ferris) of Kutztown, Pennsylvania advance ten soil borings (SB-1 through SB-10) using direct-push technology at the locations shown on **Figure 2**. Each soil boring was advanced to approximately 15 feet below grade (ft bg). Soil samples were continuously collected in five-foot intervals by advancing two-inch diameter by five feet long Macro-Core samplers through the overburden soil to the terminus of the soil boring. The extracted soil cores were screened in the field for VOCs using a calibrated PID. Slightly elevated PID readings (e.g., greater than 0.0 parts per million [ppm]) and a slight petroleum odor were observed in Soil Boring SB-2, with a maximum reading of 49.2 ppm recorded at a depth of 11 ft bg. All other PID readings were either zero or negligible.

Soils encountered within the borings generally consisted of brown medium/fine sand with some gravel. The physical characteristics of the soil along with PID readings are summarized on the soil boring logs attached as **Appendix A**.

A total of six soil samples were collected and submitted for laboratory analysis based on field observations and PID screening results. Each soil sample was collected in laboratory-supplied bottleware, placed within an ice-filled cooler, and transported under chain of custody protocol to Eurofins Environmental Testing Northeast, LLC (Eurofins) of Lancaster, Pennsylvania where they were analyzed for VOCs via United States Environmental Protection Agency (USEPA) Method 8260, Semi-volatile Organic Compounds (SVOCs) via USEPA Method 8270 and RCRA metals via USEPA Method 6020. A summary of sample information and laboratory analyses performed for each soil sample is provided in the table below:

Boring/Sample ID	Sample Depth	PID Reading at Sample Depth	Laboratory Analysis
SB-2	10.0 -11.0 ft bg	49.2 ppm	VOCs, SVOCs and RCRA Metals
SB-5	11.0 -12.0 ft bg	0.0 ppm	VOCs, SVOCs and RCRA Metals
SB-6	10.0 - 11.0 ft bg	0.0 ppm	VOCs, SVOCs and RCRA Metals
SB-7	10.0 - 11.0 ft bg	0.0 ppm	VOCs, SVOCs and RCRA Metals
SB-8	9.0 – 10.0 ft bg	0.0 ppm	VOCs, SVOCs and RCRA Metals
SB-10	8.0 - 10.0 ft bg	0.0 ppm	VOCs, SVOCs and RCRA Metals

2.3 Temporary Monitoring Wells and Groundwater Sampling

Groundwater was detected in all ten soil borings at depths ranging from 10 to 13 ft bg. On May 31, 2024, Claymore observed Ferris install two temporary monitoring wells (TW1 and TW2) at the locations shown on **Figure 2**. These locations were chosen to investigate groundwater in the vicinity of the anomalies identified during the completion of the EM/GPR Survey (See Section 2.1). Each temporary monitoring well was constructed of one-inch diameter, Schedule 40 PVC screen and riser. The screened interval for each temporary well was set at approximately 5 to 15 ft bg and the measured depth to water in both wells was around 10 ft bg.

Prior to sampling, the temporary monitoring wells were purged of approximately two volumes using a peristaltic pump. The temporary wells were then sampled using a dedicated sampling bailer. The wells were removed immediately after the groundwater sampling was completed, and all boreholes were backfilled and patched to match pre-existing Subject Property conditions.

The groundwater samples were placed into laboratory-provided sample containers, stored in an ice-filled cooler, and shipped under chain-of-custody protocol to Eurofins where they were analyzed for VOCs via USEPA Method 8260 and SVOCs via USEPA Method 8270.

3.0 RESULTS

3.1 Applicable Regulatory Standards

The soil analytical results were compared against the New Jersey Department of Environmental Protection (NJDEP) Migration to Groundwater Exposure Pathway Soil Remediation Standards (NJ-MGW-SRS). Additionally, soil results were compared against the NJDEP Non-Residential Inhalation Exposure Pathway Soil Remediation Standards (NJ-NRI-SRS) and the NJDEP Non-Residential Ingestion-Dermal Exposure Pathway Soil Remediation Standards (NJ-NRID-SRS).

The groundwater analytical results were compared to the June 2020 NJDEP Class IIA Groundwater Quality Standards (GWQS).

3.2 Soil Analytical Results

A summary of laboratory detections for soil is attached in **Table 1** and the full laboratory report is attached as **Appendix B**. No compounds were detected in any of the soil samples analyzed at concentrations exceeding the applicable NJDEP soil standards.

3.3 Groundwater Analytical Results

No compounds were detected in the groundwater sample collected from Temporary well TW-1 at a concentration exceeding the applicable standard. A review of the groundwater analytical results from Sample GW-2 (which was collected from Temp Well TW-2) indicated detections of four SVOCs at concentrations exceeding their respective NJDEP GWQS:

Analyte	NJDEP Class IIA GWQS	Concentration detected in GW2
Benzo(a)anthracene	0.1 ug/l	0.48 ug/l
Benzo(a)pyrene	0.1 ug/l	0.78 ug/l
Benzo(b)fluoranthene	0.2 ug/l	0.95 ug/l
Indeno[1,2,3-cd]pyrene	0.2 ug/l	0.62 ug/l

A summary of the groundwater analytical results is provided as **Table 2** and the full laboratory report is attached as **Appendix B**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Claymore has completed a Phase II ESA of 800 S. Black Horse Pike, Williamstown, NJ 08094. All work was performed in general accordance with applicable standards as set forth by the ASTM, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (ASTM E 1903-19). The investigation results are summarized below:

- An EM/GPR survey completed on May 31, 2024, detected one suspected 1,000-gallon heating oil UST to the north of the residence located on the Subject Property. In addition, one potential UST location was detected to the west of the concrete containment structure present on the Subject Property. The anomaly locations are shown on **Figure 2**.
- A total of ten soil borings were completed on the Subject Property and no analytes were detected in any of the soil samples collected from the borings at concentrations exceeding the applicable NJDEP soil standards.
- No fill material was encountered in any of the soil borings and there is no indication that non-native fill material has been imported onto the Subject Property. In addition, none of the contaminants typically associated with non-native fill (specifically SVOCs and metals) were detected in any of the soil samples collected from the borings at concentrations exceeding the applicable NJDEP standards.
- Two temporary monitoring wells were installed in the vicinity of the anomalies detected during completion of the EM/GPR survey. Four SVOCs were detected in the groundwater sample collected near the suspected heating oil UST, at concentrations exceeding the applicable NJDEP Class II groundwater quality standards. No other compounds were detected at concentrations exceeding the applicable NJDEP groundwater standards.

Claymore recommends that the suspected 1,000-gallon heating UST be removed in accordance with the applicable NJDEP unregulated heating oil (UHOT) regulations. Upon removal of the UST, additional soil and groundwater samples should be collected to confirm that releases from the tank have not impacted soil and groundwater in this area. While onsite to remove the heating oil UST, the anomaly identified to the west of the concrete containment structure should be investigated and if a second UST is encountered, this tank should be properly decommissioned in accordance with applicable local, state and federal guidelines.

5.0 QUALIFICATIONS

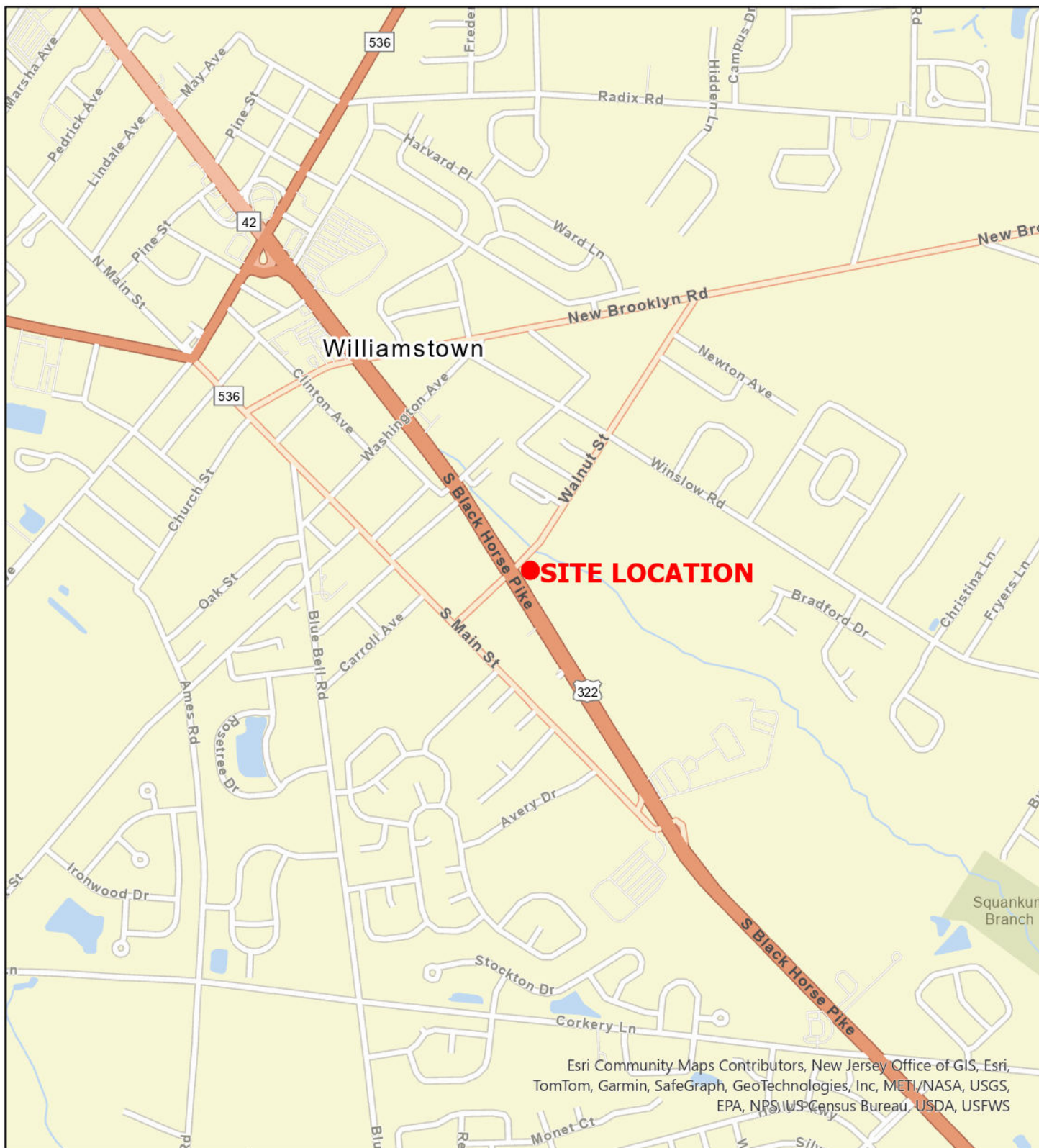
5.1 Limitations and Exceptions

Claymore's professional services have been completed in accordance with guidance provided in American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (ASTM E 1903-19). Conclusions and recommendations provided in this report are based on field observations, laboratory analytical results and professional judgement. Claymore does not warrant that there are no toxic or hazardous materials at the Subject Property or that all subsurface conditions at the Subject Property have been investigated. Environmental conditions at the Subject Property may change over time and future operations may impact subsurface conditions.

5.2 User Reliance

This report is for the exclusive use of the Client listed on the front page. No other party shall have the right to rely on any service provided by Claymore without prior written consent. Use of this report by any other party shall be at such party's sole risk.

Figures



Esri Community Maps Contributors, New Jersey Office of GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



0 0.25 Miles

SITE LOCATION

**800 S BLACK HORSE PIKE
WILLIAMSTOWN, NJ**



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental, LLC, 650 Germantown Pike, Lafayette Hill, PA 19444

Figure: 1

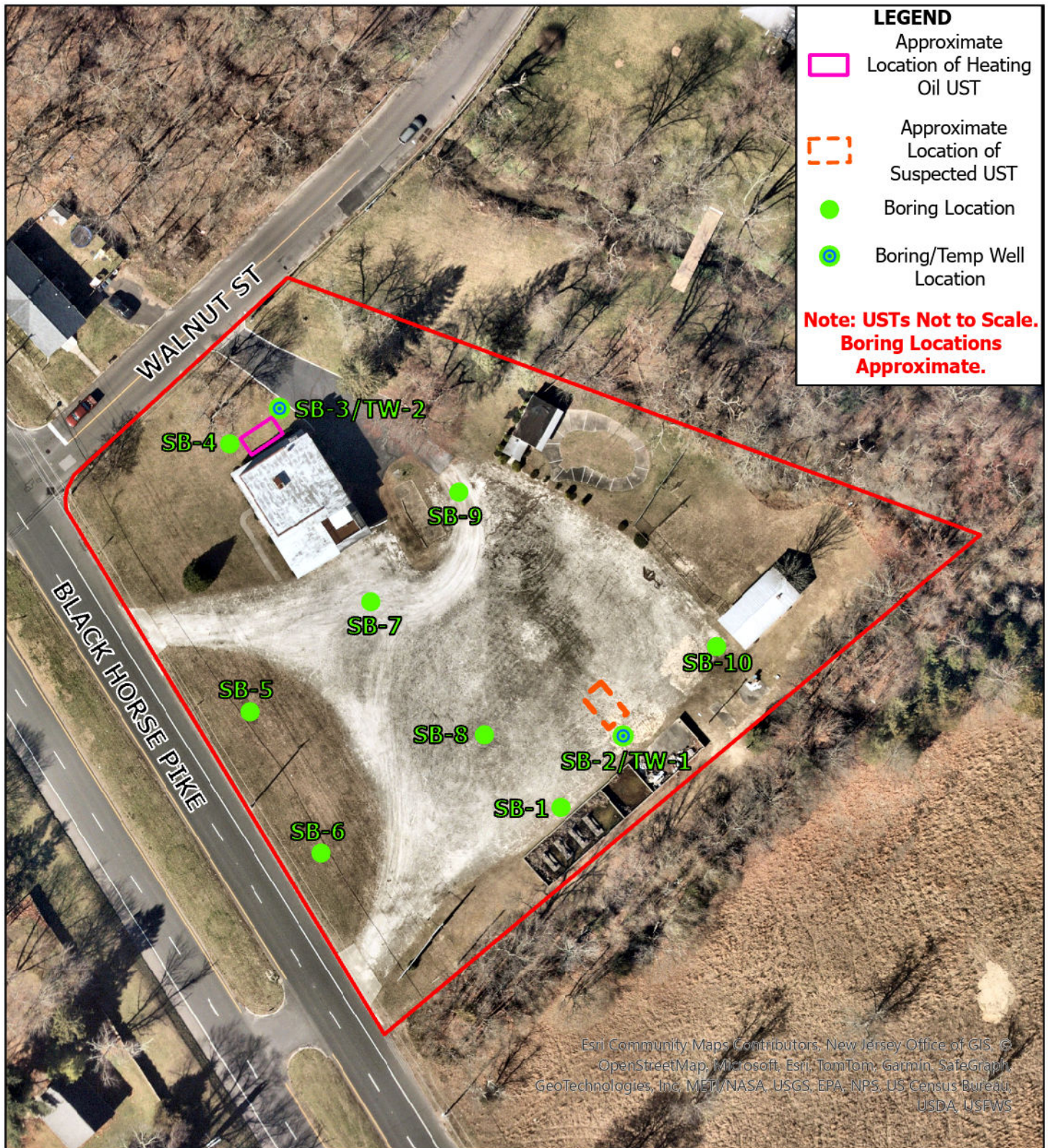
Drawn: MR

Checked: KB

Date: 5/28/24

Notes:

Sources: ESRI



0 75 US Feet	SITE PLAN 800 S BLACK HORSE PIKE WILLIAMSTOWN, NJ	Figure: 2 Drawn: MR Checked: KB Date: 6/24/24 Notes: Sources: ESRI, nearmap
	CLAYMORE ENVIRONMENTAL & RISK MANAGEMENT Claymore Environmental, LLC, 650 Germantown Pike, Lafayette Hill, PA 19444	

Tables

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC
Eurofins Lancaster Laboratories Environment Testing, LLC
Lab Job ID: 410-174105-1
Job Description: Williamstown, NJ
For:
Claymore Environmental, LLC
650 Germantown Pike
Lafayette Hill, Pennsylvania 19444

Client ID	NJ SRS 7:26D		NJ SRS 7:26D		NJ SRS 7:26D		NJ SRS 7:26D		NJ SRS 7:26D		SB-2		SB-5		SB-6		SB-7		SB-8		SB-10		
Lab Sample ID	Tbl1 Ingestion-Dermal	Tbl2 Ingestion-Dermal	Tbl3 Inhalation	Tbl4 Inhalation	Tbl5 Migration to GW	410-174105-4		410-174105-5		410-174105-6		410-174105-7		410-174105-8		410-174105-9							
Sampling Date	Exposure Pathway	Exposure Pathway	Exposure Pathway	Exposure Pathway	Exposure Pathway	05/31/2024 09:15:00		05/31/2024 12:00:00		05/31/2024 11:30:00		05/31/2024 12:20:00		05/31/2024 12:30:00		05/31/2024 12:10:00							
Matrix	Residential	Nonresidential	Residential	Nonresidential		Solid		Solid		Solid		Solid		Solid		Solid							
Dilution Factor						50		50		50		50		50		50							
Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg							
						Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SOLID BY 8260D																							
1,1,1-Trichloroethane	160000000	NA	NA	NA	200	<52 J	cn	53	<34 J	cn	34	<37 J	cn	37	<32 J	cn	32	<34 J	cn	34	<30 J	cn	30
1,1,2,2-Tetrachloroethane	3500	18000	NA	NA	6.9	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
1,1,2-Trichloroethane	12000	64000	NA	NA	17	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
1,1-Dichloroethane	120000	640000	NA	NA	240	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
1,1-Dichloroethene	11000	180000	52000	240000	6.9	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
1,2,4-Trichlorobenzene	780000	13000000	94000	NA	520	<380 J	cn	380	<240 J	cn	240	<260 J	cn	260	<230 J	cn	230	<240 J	cn	240	<210 J	cn	210
1,2-Dibromo-3-Chloropropane	870	4500	26	120	5	<76 J	cn	76	<48 J	cn	48	<52 J	cn	52	<46 J	cn	46	<48 J	cn	48	<43 J	cn	43
1,2-Dibromoethane	350	1800	85	410	5	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
1,2-Dichlorobenzene	6700000	110000000	NA	NA	11000	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
1,2-Dichloroethane	5800	30000	71000	320000	9.5	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
1,2-Dichloropropane	19000	98000	5700	27000	5.8	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
1,3-Dichlorobenzene	6700000	110000000	NA	NA	11000	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
1,4-Dichlorobenzene	780000	13000000	NA	NA	1400	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
2-Butanone	47000000	780000000	NA	NA	980	<150 J	cn	150	<96 J	cn	96	<100 J	cn	100	<92 J	cn	92	<96 J	cn	96	<85 J	cn	85
2-Hexanone	390000	6500000	1000000	NA	150	<110 J	cn	110	<72 J	cn	72	<78 J	cn	78	<69 J	cn	69	<72 J	cn	72	<64 J	cn	64
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	<110 J	cn	110	<72 J	cn	72	<78 J	cn	78	<69 J	cn	69	<72 J	cn	72	<64 J	cn	64
Acetone	7000000	NA	NA	NA	19000	<460 J	cn	460	<290 J	cn	290	<310 J	cn	310	<280 J	cn	280	<290 J	cn	290	<260 J	cn	260
Benzene	3000	16000	2200	11000	9.4	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
Bromodichloromethane	11000	59000	NA	NA	5	<53 J	cn	53	<34 J	cn	34	<37 J	cn	37	<32 J	cn	32	<34 J	cn	34	<30 J	cn	30
Bromoform	88000	460000	NA	NA	18	<380 J	cn	380	<240 J	cn	240	<260 J	cn	260	<230 J	cn	230	<240 J	cn	240	<210 J	cn	210
Bromomethane	110000	1800000	18000	82000	43	<120 J	cn	120	<77 J	cn	77	<84 J	cn	84	<74 J	cn	74	<77 J	cn	77	<68 J	cn	68
Carbon disulfide	NA	NA	NA	NA	3700	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Carbon tetrachloride	7600	40000	1400	6900	7.5	<150 J	cn	150	<96 J	cn	96	<100 J	cn	100	<92 J	cn	92	<96 J	cn	96	<85 J	cn	85
Chlorobenzene	510000	8400000	NA	NA	640	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
Chloroethane	NA	NA	NA	NA	NA	<110 J	cn	110	<72 J	cn	72	<78 J	cn	78	<69 J	cn	69	<72 J	cn	72	<64 J	cn	64
Chloroform	780000	13000000	590000	NA	330	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Chloromethane	NA	NA	270000	1200000	NA	170 J	cn	69	<43 J	cn	43	<47 J	cn	47	<42 J	cn	42	<43 J	cn	43	<38 J	cn	38
cis-1,2-Dichloroethene	780000	13000000	NA	NA	350	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Cyclohexane	NA	NA	NA	NA	NA	<38 J	cn	38	<24 J	cn	24	<26 J	cn	26	<23 J	cn	23	<24 J	cn	24	<21 J	cn	21
Dibromochloromethane	8300	43000	NA	NA	5	<150 J	cn	150	<96 J	cn	96	<100 J	cn	100	<92 J	cn	92	<96 J	cn	96	<85 J	cn	85
Dichlorodifluoromethane	16000000	260000000	NA	NA	38000	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Ethylbenzene	7800000	130000000	10000	48000	15000	<31 J	cn	31	<19 J	cn	19	<21 J	cn	21	<18 J	cn	18	<19 J	cn	19	<17 J	cn	17
Freon 113	NA	NA	NA	NA	NA	<53 J	cn	53	<34 J	cn	34	<37 J	cn	37	<32 J	cn	32	<34 J	cn	34	<30 J	cn	30
Isopropylbenzene	7800000	130000000	NA	NA	22000	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Methyl acetate	78000000	NA	NA	NA	22000	250 J	cn	76	<48 J	cn	48	<52 J	cn	52	<46 J	cn	46	<48 J	cn	48	<43 J	cn	43
Methyl tertiary butyl ether	780000	13000000	140000	650000	250	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Methylcyclohexane	NA	NA	NA	NA	NA	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Methylene Chloride	50000	260000	1400000	NA	13	<150 J	cn	150	<96 J	cn	96	<100 J	cn	100	<92 J	cn	92	<96 J	cn	96	<85 J	cn	85
Styrene	16000000	260000000	NA	NA	2100	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Tetrachloroethene	330000	1700000	47000	NA	8.6	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Toluene	6300000	100000000	NA	NA	7800	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
trans-1,2-Dichloroethene	1300000	22000000	NA	NA	560	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Trichloroethene	15000	79000	3000	14000	6.5	<46 J	cn	46	<29 J	cn	29	<31 J	cn	31	<28 J	cn	28	<29 J	cn	29	<26 J	cn	26
Trichlorofluoromethane	23000000	390000000	NA	NA	29000	<61 J	cn	61	<38 J	cn	38	<42 J	cn	42	<37 J	cn	37	<39 J	cn	39	<34 J	cn	34
Vinyl chloride	970	5000	1400	6400	6.7	<61 J	cn	61	<38 J	cn	38	<42 J	cn	42	<37 J	cn	37	<39 J	cn	39	<34 J	cn	34
Xylenes, Total	12000000	190000000	NA	NA	19000	<110 J	cn	110	<67 J	cn	67	<73 J	cn	73	<65 J	cn	65	<67 J	cn	67	<60 J	cn	60
Total Conc	NA	NA	NA	NA	NA	420.0																	

cn - Refer to Case Narrative for further detail
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Amek Carter
Project Manager
(717)556-7252

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC
Eurofins Lancaster Laboratories Environment Testing, LLC
Lab Job ID: 410-174105-1
Job Description: Williamstown, NJ
For:
Claymore Environmental, LLC
650 Germantown Pike
Lafayette Hill, Pennsylvania 19444

Client ID	NJ SRS 7-26D		NJ SRS 7-26D	NJ SRS 7-26D	NJ SRS 7-26D	SB-2			SB-5			SB-6			SB-7			SB-8			SB-10		
Lab Sample ID	Tbl1 Ingestion-Dermal	Tbl2 Ingestion-Dermal	Tbl3 Inhalation	Tbl4 Inhalation	Tbl5 Migration to GW	410-174105-4			410-174105-5			410-174105-6			410-174105-7			410-174105-8			410-174105-9		
Sampling Date	Exposure Pathway	Exposure Pathway	Exposure Pathway	Exposure Pathway	Exposure Pathway	05/31/2024 09:15:00			05/31/2024 12:00:00			05/31/2024 11:30:00			05/31/2024 12:20:00			05/31/2024 12:30:00			05/31/2024 12:10:00		
Matrix	Residential	Nonresidential	Residential	Nonresidential	Nonresidential	Solid			Solid			Solid			Solid			Solid			Solid		
Dilution Factor						1			1			1			1			1			1		
Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
						Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOLID BY 8270E																							
1,1'-Biphenyl	87000	450000	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2,2'-oxybis[1-chloropropane]	3100000	52000000	NA	NA	1900	<21	U	21	<21	U	21	<21	U	21	<21	U	21	<20	U	20	<21	U	21
2,4,5-Trichlorophenol	6300000	91000000	NA	NA	68000	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2,4,6-Trichlorophenol	49000	230000	NA	NA	860	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2,4-Dichlorophenol	190000	2700000	NA	NA	190	<21	U	21	<21	U	21	<21	U	21	<21	U	21	<20	U	20	<21	U	21
2,4-Dimethylphenol	1300000	18000000	NA	NA	2300	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2,4-Dinitrophenol	130000	1800000	NA	NA	330	<180	U	180	<180	U	180	<170	U	170	<170	U	170	<170	U	170	<180	U	180
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2-Chloronaphthalene	4800000	67000000	NA	NA	NA	<14	U	14	<14	U	14	<14	U	14	<14	U	14	<13	U	13	<14	U	14
2-Chlorophenol	390000	6500000	NA	NA	760	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2-Methylnaphthalene	240000	3300000	NA	NA	3100	<5.3	U	5.3	<5.3	U	5.3	<5.2	U	5.2	<5.2	U	5.2	<5.1	U	5.1	<5.4	U	5.4
2-Methylphenol	320000	4600000	NA	NA	770	<21	U	21	<21	U	21	<21	U	21	<21	U	21	<20	U	20	<21	U	21
2-Nitroaniline	NA	NA	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
2-Nitrophenol	NA	NA	NA	NA	NA	<21	U	21	<21	U	21	<21	U	21	<21	U	21	<20	U	20	<21	U	21
3,3'-Dichlorobenzidine	1200	5700	NA	NA	3900	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
3,4-Methylphenol	630000	9100000	NA	NA	750	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
3-Nitroaniline	NA	NA	NA	NA	NA	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	<180	U	180	<180	U	180	<170	U	170	<170	U	170	<170	U	170	<180	U	180
4-Bromophenyl phenyl ether	NA	NA	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	<21	U	21	<21	U	21	<21	U	21	<21	U	21	<20	U	20	<21	U	21
4-Chloroaniline	2700	13000	NA	NA	230	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
4-Nitroaniline	27000	130000	NA	NA	NA	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
4-Nitrophenol	NA	NA	NA	NA	NA	<180	U	180	<180	U	180	<170	U	170	<170	U	170	<170	U	170	<180	U	180
Acenaphthene	3600000	50000000	NA	NA	NA	<3.5	U	3.5	<3.5	U	3.5	<3.5	U	3.5	<3.5	U	3.5	<3.4	U	3.4	<3.6	U	3.6
Acenaphthylene	NA	NA	NA	NA	NA	<4.2	U	4.2	<4.2	U	4.2	<4.2	U	4.2	<4.2	U	4.2	<4.0	U	4.0	<4.3	U	4.3
Acetophenone	7800000	130000000	NA	NA	3600	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
Anthracene	18000000	250000000	NA	NA	NA	13	J	3.5	<3.5	U	3.5	<3.5	U	3.5	<3.5	U	3.5	<3.4	U	3.4	5.9	J	3.6
Atrazine	220000	3200000	NA	NA	330	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Benzaldehyde	170000	910000	NA	NA	NA	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
Benzo[a]anthracene	5100	23000	78000000	370000000	710	4.4	J	3.5	<3.5	U	3.5	6.6	J	3.5	5.2	J	3.5	<3.4	U	3.4	26		3.6
Benzo[a]pyrene	510	2300	3500000	160000000	NA	<3.5	U	3.5	4.5	J	3.5	8.5	J	3.5	11	J	3.5	<3.4	U	3.4	34		3.6
Benzo[b]fluoranthene	5100	23000	78000000	370000000	NA	<3.5	U	3.5	<3.5	U	3.5	11	J	3.5	12	J	3.5	<3.4	U	3.4	40		3.6
Benzo[g,h,i]perylene	NA	NA	NA	NA	NA	<3.5	U	3.5	<3.5	U	3.5	9.9	J	3.5	11	J	3.5	<3.4	U	3.4	34		3.6
Benzo[k]fluoranthene	51000	230000	78000000	NA	NA	<3.5	U	3.5	<3.5	U	3.5	4.1	J	3.5	4.1	J	3.5	<3.4	U	3.4	16	J	3.6
Bis[2-chloroethoxy]methane	190000	2700000	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
Bis[2-chloroethyl]ether	630	3300	NA	NA	330	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
Bis[2-ethylhexyl] phthalate	39000	180000	NA	NA	14000	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Butyl benzyl phthalate	290000	1300000	NA	NA	29000	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Caprolactam	32000000	460000000	290000	1300000	16000	<35	U	35	<35	U	35	<35	U	35	<35	U	35	<34	U	34	<36	U	36
Carbazole	NA	NA	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
Chrysene	510000	2300000	NA	NA	NA	9.3	J	3.5	<3.5	U	3.5	9.7	J	3.5	8.3	J	3.5	<3.4	U	3.4	34		3.6
Dibenz[a,h]anthracene	510	2300	7800000	37000000	NA	<7.0	U	7.0	<7.1	U	7.1	<7.0	U	7.0	<6.9	U	6.9	<6.7	U	6.7	9.0	J	7.2
Dibenzofuran	NA	NA	NA	NA	NA	<18	U	18	<18	U	18	<17	U	17	<17	U	17	<17	U	17	<18	U	18
Diethyl phthalate	51000000	730000000	NA	NA	44000	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Dimethyl phthalate	NA	NA	NA	NA	NA	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Di-n-butyl phthalate	6300000	91000000	NA	NA	NA	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Di-n-octyl phthalate	63000	910000	NA	NA	NA	<70	U	70	<71	U	71	<70	U	70	<69	U	69	<67	U	67	<72	U	72
Fluoranthene	240000	3300000	NA	NA	NA	<3.5	U	3.5	<3.5	U	3.5	13	J	3.5	9.9	J	3.5	<3.4	U	3.4	53		3.6
Fluorene	2400000	33000000	NA	NA	NA	<3.5	U	3.5	<3.5	U	3.5	<3.5	U	3.5	<3.5	U	3.5	<3.4	U	3.4	3.8	J	3.6
Hexachlorobenzene	430	2300	NA	NA	170	<7.0	U	7.0	<7.1	U	7.1	<7.0	U	7.0	<6.9	U	6.9	<6.7	U	6.7	<7.2	U	7.2
Hexachlorobutadiene	8900	47000	NA	NA	170	<21	U	21	<21	U	21	<21	U	21	<21	U	21	<20	U	20	<21	U	21
Hexachlorocyclopentadiene																							

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC
Eurofins Lancaster Laboratories Environment Testing, LLC
Lab Job ID: 410-174105-1
Job Description: Williamstown, NJ
For:
Claymore Environmental, LLC
650 Germantown Pike
Lafayette Hill, Pennsylvania 19444

Client ID	NJ SRS 7:26D		NJ SRS 7:26D		NJ SRS 7:26D		NJ SRS 7:26D		NJ SRS 7:26D		SB-2		SB-5		SB-6		SB-7		SB-8		SB-10		
Lab Sample ID	Tbl1 Ingestion-Dermal		Tbl2 Ingestion-Dermal		Tbl3 Inhalation		Tbl4 Inhalation		Tbl5 Migration to GW		410-174105-4		410-174105-5		410-174105-6		410-174105-7		410-174105-8		410-174105-9		
Sampling Date	Exposure Pathway		Exposure Pathway		Exposure Pathway		Exposure Pathway		Exposure Pathway		05/31/2024 09:15:00		05/31/2024 12:00:00		05/31/2024 11:30:00		05/31/2024 12:20:00		05/31/2024 12:30:00		05/31/2024 12:10:00		
Matrix	Residential		Nonresidential		Residential		Nonresidential				Solid		Solid		Solid		Solid		Solid		Solid		
Dilution Factor											1		1		1		1		1		1		
Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		
						Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL

Project Manager
(717)556-7252

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC
Eurofins Lancaster Laboratories Environment Testing, LLC
Lab Job ID: 410-174105-1
Job Description: Williamstown, NJ
For:
Claymore Environmental, LLC
650 Germantown Pike
Lafayette Hill, Pennsylvania 19444

Client ID	NJ SRS 7-26D		NJ SRS 7-26D		NJ SRS 7-26D		NJ SRS 7-26D		NJ SRS 7-26D		SB-2		SB-5		SB-6		SB-7		SB-8		SB-10						
Lab Sample ID	Tbl1 Ingestion-Dermal		Tbl2 Ingestion-Dermal		Tbl3 Inhalation		Tbl4 Inhalation		Tbl5 Migration to GW		410-174105-4		410-174105-5		410-174105-6		410-174105-7		410-174105-8		410-174105-9						
Sampling Date	Exposure Pathway		Exposure Pathway		Exposure Pathway		Exposure Pathway		Exposure Pathway		05/31/2024 09:15:00		05/31/2024 12:00:00		05/31/2024 11:30:00		05/31/2024 12:20:00		05/31/2024 12:30:00		05/31/2024 12:10:00						
Matrix	Residential		Nonresidential		Residential		Nonresidential				Solid		Solid		Solid		Solid		Solid		Solid						
Unit																											
											Result		Q	MDL	Result		Q	MDL	Result		Q	MDL	Result		Q	MDL	
SOLID BY 6020B(MG/KG)																											
Arsenic	19	19	1100		5200	19	0.36		0.12	NR				1.9	0.14	NR			NR				2.9		0.11		
Barium	16000	260000	870000		NA	2100	3.1		0.16	NR				6.3	0.19	NR			NR				28		0.15		
Cadmium	71	1100	2600		12000	1.9	<0.035	U	0.035	NR				<0.041	U	0.041	NR			NR			0.056	J	0.033		
Chromium	NA	NA	NA		NA	NA	17		0.16	NR				24	0.20	NR			NR				14		0.16		
Lead	200	800	NA		NA	90	2.1		0.066	4.9		0.068		8.3	0.078	4.8		0.071	1.1		0.077		9.5		0.064		
Selenium	390	6500	NA		NA	11	<0.086	A5-	0.086	NR				<0.10	U	0.10	NR			NR			0.13	J	0.084		
Silver	390	6500	NA		NA	0.5	<0.035	U	0.035	NR				<0.042	U	0.042	NR			NR			<0.034	U	0.034		
SOLID BY 7471B(MG/KG)																											
Mercury	23	390	520000		NA	0.1	<0.021	U	0.021	NR				<0.020	U	0.020	NR			NR			<0.021	U	0.021		

NR: Not Analyzed
^5- : Linear Range Check (LRC) 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.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Amek Carter
Project Manager
(717)556-7252

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Job ID: 410-174105-1

Job Description: Williamstown, NJ

For:

Claymore Environmental, LLC

650 Germantown Pike

Lafayette Hill, Pennsylvania 19444

Client ID	NJAC 7:9C	Trip Blank			GW1			GW2					
Lab Sample ID	GW QualStds	410-174105-1			410-174105-2			410-174105-3					
Sampling Date	ClassII A	05/31/2024 00:00:00			05/31/2024 09:15:00			05/31/2024 09:45:00					
Matrix	Higher Values	Water			Water			Water					
Dilution Factor		1			5			5					
Unit	ug/l	ug/l			ug/l			ug/l					
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
WATER BY 8260D													
1,1,1-Trichloroethane	30	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,1,2,2-Tetrachloroethane	1	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,1,2-Trichloroethane	3	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,1-Dichloroethane	50	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,1-Dichloroethene	1	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,2,4-Trichlorobenzene	9	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,2-Dibromo-3-Chloropropane	0.02	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,2-Dibromoethane	0.03	<0.20	U	0.20	<1.0	U	cn	1.0	<1.0	U	cn	1.0	
1,2-Dichlorobenzene	600	<0.20	U	0.20	<1.0	U	cn	1.0	<1.0	U	cn	1.0	
1,2-Dichloroethane	2	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,2-Dichloropropane	1	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
1,3-Dichlorobenzene	600	<0.68	U	0.68	<3.4	U	cn	3.4	<3.4	U	cn	3.4	
1,4-Dichlorobenzene	75	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
2-Butanone	300	<0.50	U	cn	0.50	<2.5	U	cn	2.5	5.8	U	cn	2.5
2-Hexanone	40	<0.85	U	cn	0.85	<4.3	U	cn	4.3	<4.3	U	cn	4.3
4-Methyl-2-pentanone	NA	<0.50	U	cn	0.50	<2.5	U	cn	2.5	<2.5	U	cn	2.5
Acetone	6000	<0.70	U	0.70	28	U	cn	3.5	400	cn		3.5	
Benzene	1	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Bromodichloromethane	1	<0.20	U	0.20	<1.0	U	cn	1.0	<1.0	U	cn	1.0	
Bromoform	4	<1.0	U	1.0	<5.0	U	cn	5.0	<5.0	U	cn	5.0	
Bromomethane	10	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Carbon disulfide	700	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Carbon tetrachloride	1	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Chlorobenzene	50	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Chloroethane	5	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Chloroform	70	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Chloromethane	NA	<0.55	U	cn	0.55	<2.8	U	cn	2.8	<2.8	U	cn	2.8
cis-1,2-Dichloroethene	70	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
cis-1,3-Dichloropropene	NA	<0.20	U	0.20	<1.0	U	cn	1.0	<1.0	U	cn	1.0	
Cyclohexane	NA	<1.0	U	1.0	<5.0	U	cn	5.0	<5.0	U	cn	5.0	
Dibromochloromethane	1	<0.20	U	0.20	<1.0	U	cn	1.0	<1.0	U	cn	1.0	
Dichlorodifluoromethane	1000	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Ethylbenzene	700	<0.40	U	0.40	<2.0	U	cn	2.0	<2.0	U	cn	2.0	
Freon 113	20000	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Isopropylbenzene	700	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Methyl acetate	7000	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Methyl tertiary butyl ether	70	<0.20	U	0.20	<1.0	U	cn	1.0	<1.0	U	cn	1.0	
Methylcyclohexane	NA	<0.50	U	0.50	<2.5	U	cn	2.5	<2.5	U	cn	2.5	
Methylene Chloride	3	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Styrene	100	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
t-Butyl alcohol	100	<12	U	12	<60	U	cn	60	<60	U	cn	60	
Tetrachloroethene	1	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	
Toluene	600	<0.30	U	0.30	<1.5	U	cn	1.5	<1.5	U	cn	1.5	

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC**Eurofins Lancaster Laboratories Environment Testing, LLC**

Lab Job ID: 410-174105-1

Job Description: Williamstown, NJ

For:

Claymore Environmental, LLC

650 Germantown Pike

Lafayette Hill, Pennsylvania 19444

Client ID	NJAC 7:9C	Trip Blank			GW1			GW2		
Lab Sample ID	GW QualStds	410-174105-1			410-174105-2			410-174105-3		
Sampling Date	ClassII A	05/31/2024 00:00:00			05/31/2024 09:15:00			05/31/2024 09:45:00		
Matrix	Higher Values	Water			Water			Water		
Dilution Factor		1			5			5		
Unit	ug/l	ug/l			ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
trans-1,2-Dichloroethene	100	<0.70	U	0.70	<3.5	J cn	3.5	<3.5	J cn	3.5
trans-1,3-Dichloropropene	NA	<0.20	U	0.20	<1.0	J cn	1.0	<1.0	J cn	1.0
Trichloroethene	1	<0.30	U	0.30	<1.5	J cn	1.5	<1.5	J cn	1.5
Trichlorofluoromethane	2000	<0.30	U	0.30	<1.5	J cn	1.5	<1.5	J cn	1.5
Vinyl chloride	1	<0.30	U	0.30	<1.5	J cn	1.5	<1.5	J cn	1.5
Xylenes, Total	1000	<0.40	U	0.40	<2.0	J cn	2.0	<2.0	J cn	2.0
Total Conc	NA				28.0			405.8		

cn : Refer to Case Narrative for further detail

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Amek Carter

Project Manager

(717)556-7252

Eurofins Lancaster Laboratories Environment Testing, LLC**Eurofins Lancaster Laboratories Environment Testing, LLC**

Lab Job ID: 410-174105-1

Job Description: Williamstown, NJ

For:

Claymore Environmental, LLC

650 Germantown Pike

Lafayette Hill, Pennsylvania 19444

Client ID	NJAC 7:9C	GW1			GW2		
Lab Sample ID	GW QualStds	410-174105-2			410-174105-3		
Sampling Date	ClassII A	05/31/2024 09:15:00			05/31/2024 09:45:00		
Matrix	Higher Values	Water			Water		
Dilution Factor		1			1		
Unit	ug/l	ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL
WATER BY 8270E							
1,1'-Biphenyl	400	<0.51	U cn	0.51	<0.53	U cn	0.53
2,2'-oxybis[1-chloropropane]	300	<0.51	U cn	0.51	<0.53	U cn	0.53
2,4,5-Trichlorophenol	700	<0.51	U cn	0.51	<0.53	U cn	0.53
2,4,6-Trichlorophenol	20	<0.51	U cn	0.51	<0.53	U cn	0.53
2,4-Dichlorophenol	20	<0.51	U cn	0.51	<0.53	U cn	0.53
2,4-Dimethylphenol	100	<3.0	U cn	3.0	<3.2	U cn	3.2
2,4-Dinitrophenol	40	<14	U cn	14	<15	U cn	15
2,4-Dinitrotoluene	NA	<1.0	U cn	1.0	<1.1	U cn	1.1
2,6-Dinitrotoluene	NA	<0.51	U cn	0.51	<0.53	U cn	0.53
2-Chloronaphthalene	600	<0.41	U cn	0.41	<0.42	U cn	0.42
2-Chlorophenol	40	<0.51	U cn	0.51	<0.53	U cn	0.53
2-Methylnaphthalene	30	<0.10	U cn	0.10	<0.11	U cn	0.11
2-Methylphenol	50	<0.51	U cn	0.51	<0.53	U cn	0.53
2-Nitroaniline	NA	<1.0	U cn	1.0	<1.1	U cn	1.1
2-Nitrophenol	NA	<1.0	U cn	1.0	<1.1	U cn	1.1
3,3'-Dichlorobenzidine	30	<4.1	U cn	4.1	<4.2	+ cn	4.2
3,4-Methylphenol	50	<0.51	U cn	0.51	<0.53	U cn	0.53
3-Nitroaniline	NA	<2.0	U cn	2.0	<2.1	U cn	2.1
4,6-Dinitro-2-methylphenol	0.7	<8.1	+ cn	8.1	<8.5	U cn	8.5
4-Bromophenyl phenyl ether	NA	<0.51	U cn	0.51	<0.53	U cn	0.53
4-Chloro-3-methylphenol	100	<1.0	U cn	1.0	<1.1	U cn	1.1
4-Chloroaniline	30	<4.1	U cn	4.1	<4.2	U cn	4.2
4-Chlorophenyl phenyl ether	NA	<0.51	U cn	0.51	<0.53	U cn	0.53
4-Nitroaniline	NA	<0.91	U cn	0.91	<0.96	U cn	0.96
4-Nitrophenol	NA	<10	U cn	10	<11	U cn	11
Acenaphthene	400	<0.10	U cn	0.10	<0.11	U cn	0.11
Acenaphthylene	100	1.3	cn	0.10	<0.11	U cn	0.11
Acetophenone	700	<1.0	U cn	1.0	3.2	J cn	1.1
Anthracene	2000	<0.10	U cn	0.10	<0.11	U cn	0.11
Atrazine	3	<1.0	U cn	1.0	<1.1	U cn	1.1
Benzaldehyde	NA	<1.0	U cn	1.0	<1.1	U cn	1.1
Benzo[a]anthracene	0.1	<0.10	U cn	0.10	0.48	+ cn	0.11
Benzo[a]pyrene	0.1	<0.11	U cn	0.11	0.78	cn	0.12
Benzo[b]fluoranthene	0.2	<0.10	U cn	0.10	0.95	cn	0.11

Eurofins Lancaster Laboratories Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Job ID: 410-174105-1

Job Description: Williamstown, NJ

For:

Claymore Environmental, LLC

650 Germantown Pike

Lafayette Hill, Pennsylvania 19444

Client ID	NJAC 7:9C	GW1			GW2		
Lab Sample ID	GW QualStds	410-174105-2			410-174105-3		
Sampling Date	Class II A	05/31/2024 09:15:00			05/31/2024 09:45:00		
Matrix	Higher Values	Water			Water		
Dilution Factor		1			1		
Unit	ug/l	ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL
Benzo[g,h,i]perylene	100	<0.10	U cn	0.10	0.79	cn	0.11
Benzo[k]fluoranthene	0.5	<0.10	U cn	0.10	0.44	J cn	0.11
Bis(2-chloroethoxy)methane	NA	<0.51	U cn	0.51	<0.53	U cn	0.53
Bis(2-chloroethyl)ether	7	<0.51	U cn	0.51	<0.53	U cn	0.53
Bis(2-ethylhexyl) phthalate	3	<2.0	U cn	2.0	<2.1	U cn	2.1
Butyl benzyl phthalate	100	<2.0	U cn	2.0	<2.1	U cn	2.1
Caprolactam	4000	<3.0	U cn	3.0	<3.2	U cn	3.2
Carbazole	NA	<0.51	U cn	0.51	<0.53	U cn	0.53
Chrysene	5	0.19	J cn	0.10	1.0	cn	0.11
Dibenz(a,h)anthracene	0.3	<0.10	U cn	0.10	<0.11	U cn	0.11
Dibenzofuran	NA	<0.51	U cn	0.51	<0.53	U cn	0.53
Diethyl phthalate	6000	<2.0	U cn	2.0	11	cn	2.1
Dimethyl phthalate	100	<2.0	U cn	2.0	<2.1	U cn	2.1
Di-n-butyl phthalate	700	<2.0	U cn	2.0	<2.1	1 cn	2.1
Di-n-octyl phthalate	100	<5.1	U cn	5.1	<5.3	U cn	5.3
Fluoranthene	300	1.8	cn	0.10	1.9	1 cn	0.11
Fluorene	300	<0.12	U cn	0.12	<0.13	U cn	0.13
Hexachlorobenzene	0.02	<0.11	U cn	0.11	<0.12	U cn	0.12
Hexachlorobutadiene	1	<0.51	U cn	0.51	<0.53	U cn	0.53
Hexachlorocyclopentadiene	40	<5.1	U cn	5.1	<5.3	U cn	5.3
Hexachloroethane	7	<0.51	U cn	0.51	<0.53	U cn	0.53
Indeno[1,2,3-cd]pyrene	0.2	<0.11	U cn	0.11	0.62	cn	0.12
Isophorone	40	<0.51	U cn	0.51	<0.53	U cn	0.53
Naphthalene	300	<0.10	U cn	0.10	<0.11	U cn	0.11
Nitrobenzene	6	<0.51	U cn	0.51	<0.53	U cn	0.53
N-Nitrosodi-n-propylamine	10	<0.51	U cn	0.51	<0.53	U cn	0.53
N-Nitrosodiphenylamine	10	<0.51	U cn	0.51	<0.53	U cn	0.53
Pentachlorophenol	0.3	<1.0	U cn	1.0	<1.1	U cn	1.1
Phenanthrene	100	<0.11	U cn	0.11	1.4	cn	0.12
Phenol	2000	<0.51	U cn	0.51	<0.53	U cn	0.53
Pyrene	200	5.4	cn	0.10	1.9	cn	0.11
Total Conc	NA	8.69			23.84		

Highlighted Concentrations shown in bold type face exceed limits

*+ : LCS and/or LCSD is outside acceptance limits, high biased.

Eurofins Lancaster Laboratories Environment Testing, LLC
Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Job ID: 410-174105-1
Job Description: Williamstown, NJ
For:
Claymore Environmental, LLC
650 Germantown Pike
Lafayette Hill, Pennsylvania 19444

Client ID	NJAC 7:9C	GW1		GW2	
Lab Sample ID	GW QualStds	410-174105-2		410-174105-3	
Sampling Date	ClassII A	05/31/2024 09:15:00		05/31/2024 09:45:00	
Matrix	Higher Values	Water		Water	
Dilution Factor		1		1	
Unit	ug/l	ug/l		ug/l	
		Result	Q	MDL	Result Q MDL

*1 : LCS/LCSD RPD exceeds control limits.
cn : Refer to Case Narrative for further detail
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Amek Carter
Project Manager
(717)556-7252

Appendix A – Soil Boring Logs



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-1**
COMPLETION DATE: **5/31/24**
PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: 13ft

DRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**

LATTITUDE:
LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 2'	0		Macro Core	Medium brown sand, some gravel. Dry	
2' - 5'	0		Macro Core	Fine brown sand. Dry	
5' - 9'	0		Macro Core	Fine brown sand. Dry	
9' - 10'	0		Macro Core	Light brown to white medium sand. Dry	
10' - 15'	0		Macro Core	Light brown medium sand. Wet at 13'	Sample from 11-12' interval
15'	0		Macro Core	End of boring.	

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Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOGBORING IDENTIFICATION: **SB-2/TW-1**COMPLETION DATE: **5/31/24**PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
 SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

DRILLING CO.: **Ferris Company**
 DRILLING METHOD: **Geoprobe**
 BOREHOLE DIA.: **2"**
 TOTAL DEPTH: **15'**

ELEVATION:
 DEPTH TO BEDROCK:
 DEPTH TO WATER: 12ft

LATTITUDE:
 LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 – 5'	0.1		Macro Core	Medium brown sand, some gravel. Dry	
5' - 6'	0		Macro Core	Brown sandy clay. Dry	
6' - 10'	0		Macro Core	Fine brown sand. Dry	
10' - 15'	25 - 49.2		Macro Core	Light brown to white medium sand. Slight petroleum odor. Wet at 11.5'.	Samples from 10-11' interval.
15'	0		Macro Core	End of boring.	



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-3**

COMPLETION DATE: **5/31/24**

PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

DRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**

ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: 12ft

LATTITUDE:
LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 – 5'	0.3		Macro Core	Medium brown sand, some gravel. Dry	
5' - 10'	0.7		Macro Core	Brown medium sand, some sandy clay. Dry	
10' - 11'	0.1		Macro Core	Fine brown sand. Dry	
11' - 15'	0.1		Macro Core	Light brown medium sand. Wet at 12'.	Samples from 10-11' interval.
15'			Macro Core	End of boring.	



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-4**

COMPLETION DATE: **5/31/24**

PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

DRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**

ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: **11ft**

LATTITUDE:
LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 2'	0.0		Macro Core	Brown sand, some gravel. Dry	
2' - 5'	0.1		Macro Core	Brown sandy clay, some coarse gravel. Dry	
5' - 6'	0.0		Macro Core	Light brown medium sand, some gravel. Dry.	
6' - 9'	0.0		Macro Core	Light brown medium sand, some gravel. Dry	
9-11'	0.1		Macro Core	Brown sandy clay, some gravel. Dry	Sample from 9-10' interval.
11-15'	0			Light brown medium sand. Wey at 11'.	
15'				End of Boring.	

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ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOGBORING IDENTIFICATION: **SB-5**COMPLETION DATE: **5/31/24**PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
 SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

ELEVATION:
 DEPTH TO BEDROCK:
 DEPTH TO WATER: 13 ft

DRILLING CO.: **Ferris Company**
 DRILLING METHOD: **Geoprobe**
 BOREHOLE DIA.: **2"**
 TOTAL DEPTH: **15'**

LATTITUDE:
 LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 – 5'	0.3		Macro Core	Medium brown sand, some gravel. Dry	
5' - 7'	0.1		Macro Core	Brown medium sand, some gravel. Dry	
7' - 10'	0.1		Macro Core	Light brown sand, some gravel. Dry	
10' - 15'	0.0		Macro Core	Light brown medium sand. Some gravel. Wet at 13'.	Samples from 11-12' interval.
15'			Macro Core	End of boring.	



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-6**

COMPLETION DATE: **5/31/24**

PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

DRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**

ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: 12 ft

LATTITUDE:
LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 5'	0.0		Macro Core	Medium brown sand, some gravel. Dry	
5' - 7'	0.0		Macro Core	Brown medium sand, some gravel. Dry	
7' - 10'	0.0		Macro Core	Light brown sand, some gravel. Dry	
10' - 15'	0.0		Macro Core	Light brown medium sand. Some gravel. Wet at 12'.	Samples from 10-11' interval.
15'			Macro Core	End of boring.	



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-7**

COMPLETION DATE: **5/31/24**

PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike
Williamstown, NJ**

ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: 12 ft

DRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**

LATTITUDE:
LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 2'	0.0		Macro Core	Medium brown sand, some gravel. Dry	
2' - 5'	0.0		Macro Core	Grey/brown medium sand, some gravel. Dry	
5' - 10'	0.0		Macro Core	Light brown medium sand, some gravel. Dry	
10' - 15'	0.0		Macro Core	Light brown medium sand. Some gravel. Wet at 12'.	Samples from 10-11' interval.
15'			Macro Core	End of boring.	

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ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOGBORING IDENTIFICATION: **SB-8**COMPLETION DATE: **5/31/24**PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
 SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

ELEVATION:
 DEPTH TO BEDROCK:
 DEPTH TO WATER: 11 ft

DRILLING CO.: **Ferris Company**
 DRILLING METHOD: **Geoprobe**
 BOREHOLE DIA.: **2"**
 TOTAL DEPTH: **15'**

LATTITUDE:
 LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 1'	0.0		Macro Core	Medium brown sand, some clay and gravel. Dry	
1' - 5'	0.0		Macro Core	Brown medium sand, some gravel. Dry	
5' - 10'	0.0		Macro Core	Light brown medium sand, some gravel. Dry	Samples from 9-10' interval.
10' - 15'	0.0		Macro Core	Light brown medium sand. Some gravel. Wet at 11'.	
15'			Macro Core	End of boring.	



ENVIRONMENTAL &
RISK MANAGEMENT

Claymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-9**

COMPLETION DATE: **5/31/24**

PERSONNEL: **Azzalina**

PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJ

DRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**

ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: 12 ft

LATTITUDE:
LONGITUDE:

BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 2'	0.0		Macro Core	Concrete and gravel. Dry	
2' - 5'	0.0		Macro Core	Brown medium sand, some gravel. Dry	
5' - 10'	0.0		Macro Core	Light brown medium sand, some gravel. Dry	
10' - 15'	0.0		Macro Core	Light brown medium sand. Some gravel. Wet at 12'.	Samples from 10-11' interval.
15'			Macro Core	End of boring.	

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ENVIRONMENTAL &
RISK MANAGEMENTClaymore Environmental
P.O. Box 481
Lafayette Hill, PA 19444

BORING LOG

BORING IDENTIFICATION: **SB-10**COMPLETION DATE: **5/31/24**PERSONNEL: **Azzalina**PROJECT NAME: **Williamstown Phase II**
SITE LOCATION: **800 S. Blackhorse Pike**
Williamstown, NJDRILLING CO.: **Ferris Company**
DRILLING METHOD: **Geoprobe**
BOREHOLE DIA.: **2"**
TOTAL DEPTH: **15'**ELEVATION:
DEPTH TO BEDROCK:
DEPTH TO WATER: 10 ftLATITUDE:
LONGITUDE:BACKFILL TYPE: **CUTTINGS**

SAMPLE INFORMATION

DEPTH (feet bg)	PID (ppm)	LAB ANALYSIS	SAMPLE TYPE	GEOLOGIC DESCRIPTION	REMARKS
0 - 2'	0.0		Macro Core	Concrete and gravel. Dry	
2' - 5'	0.0		Macro Core	Brown medium sand, some gravel. Dry	
5' - 10'	0.0		Macro Core	Light brown medium sand, some gravel. Dry	Samples from 8-10' interval.
10' - 15'	5-7		Macro Core	Light brown medium sand. Some gravel. Wet at 10'.	
15'			Macro Core	End of boring.	

Appendix B – Laboratory Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Brian Donoghue
Claymore Environmental, LLC
650 Germantown Pike
Lafayette Hill, Pennsylvania 19444

Generated 6/14/2024 12:00:24 PM

JOB DESCRIPTION

Williamstown, NJ

JOB NUMBER

410-174105-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Authorized for release by
Amek Carter, Project Manager
Loran.Carter@et.eurofinsus.com
(717)556-7252

Generated
6/14/2024 12:00:24 PM

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
 - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
 - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Definitions/Glossary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
cn	Refer to Case Narrative for further detail
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.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) 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.
α	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

Case Narrative

Client: Claymore Environmental, LLC
Project: Williamstown, NJ

Job ID: 410-174105-1

Job ID: 410-174105-1

Eurofins Lancaster Laboratories Environment

Job Narrative 410-174105-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/31/2024 5:51 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0°C and 5.0°C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GW1 (410-174105-2). The container labels list ID as SB-2 (no date/time), while the COC lists GW1 collected 5/31/24 @ 09:15. The COC was followed.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GW2 (410-174105-3). The container labels list SB-3 (no date/time), while the COC lists GW2 collected 5/31 @ 09:45. The COC was followed.

The container count for the following samples did not match what was listed on the Chain-of-Custody (COC): SB-2 (410-174105-4), SB-5 (410-174105-5), SB-6 (410-174105-6), SB-7 (410-174105-7), SB-8 (410-174105-8) and SB-10 (410-174105-9). The laboratory received 1 additional small bag of soil for all samples not marked on the COC.

GC/MS VOA

Method 8260D: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container(s): GW1 (410-174105-2) and GW2 (410-174105-3). The sample container was received with headspace.

Method 8260D: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: GW1 (410-174105-2) and GW2 (410-174105-3). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-516696 recovered outside acceptance criteria, low biased, for 4-Methyl-2-pentanone, 2-Hexanone, Chloromethane and 2-Butanone. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The following sample(s) were received in pre-weighed containers with a label that was added in the field, which would cause a slight low bias in the final results. SB-2 (410-174105-4), SB-5 (410-174105-5), SB-7 (410-174105-7), SB-8 (410-174105-8) and SB-10 (410-174105-9).

Method 8260D: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: SB-2 (410-174105-4), SB-5 (410-174105-5), SB-6 (410-174105-6), SB-7 (410-174105-7), SB-8 (410-174105-8) and SB-10 (410-174105-9). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-516956 recovered above the upper control limit for Chloroethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-514781 recovered above the upper control

Eurofins Lancaster Laboratories Environment Testing, LLC

Case Narrative

Client: Claymore Environmental, LLC
Project: Williamstown, NJ

Job ID: 410-174105-1

Job ID: 410-174105-1 (Continued)

Eurofins Lancaster Laboratories Environment

limit for 2,2'-oxybis[1-chloropropane], 2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: GW1 (410-174105-2).

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-514574 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: GW2 (410-174105-3).

Method 8270E: The following analyte(s) recovered outside control limits for the LCSD associated with preparation batch 410-514320 and analytical batch 410-514574: Benzo[a]anthracene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8270E: The surrogate recovery for the method blank associated with preparation batch 410-514592 was below the lower control limits. The following sample was re-prepared outside holding time with acceptable results for the method blank. The first set of data has been reported. The associated sample is GW1 (410-174105-2).

Method 8270E: The initial calibration verification (ICV) result for batch 410-516862 was above the upper control limit for Hexachlorocyclopentadiene. Sample results were non-detects, and have been reported as qualified data.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-516862 was below the method criteria for the following analyte(s): Hexachlorocyclopentadiene. 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 additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

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

Detection Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: Trip Blank

Lab Sample ID: 410-174105-1

No Detections.

Client Sample ID: GW1

Lab Sample ID: 410-174105-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	28	J cn	100	3.5	ug/L	5			8260D	Total/NA
Acenaphthylene	1.3	cn	0.51	0.10	ug/L	1			8270E	Total/NA
Chrysene	0.19	J cn	0.51	0.10	ug/L	1			8270E	Total/NA
Fluoranthene	1.8	cn	0.51	0.10	ug/L	1			8270E	Total/NA
Pyrene	5.4	cn	0.51	0.10	ug/L	1			8270E	Total/NA

Client Sample ID: GW2

Lab Sample ID: 410-174105-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	400	cn	100	3.5	ug/L	5			8260D	Total/NA
2-Butanone	5.8	J cn	50	2.5	ug/L	5			8260D	Total/NA
Acetophenone	3.2	J cn	5.3	1.1	ug/L	1			8270E	Total/NA
Benzo[a]anthracene	0.48	J *+ cn	0.53	0.11	ug/L	1			8270E	Total/NA
Benzo[a]pyrene	0.78	cn	0.53	0.12	ug/L	1			8270E	Total/NA
Benzo[b]fluoranthene	0.95	cn	0.53	0.11	ug/L	1			8270E	Total/NA
Benzo[g,h,i]perylene	0.79	cn	0.53	0.11	ug/L	1			8270E	Total/NA
Benzo[k]fluoranthene	0.44	J cn	0.53	0.11	ug/L	1			8270E	Total/NA
Chrysene	1.0	cn	0.53	0.11	ug/L	1			8270E	Total/NA
Diethyl phthalate	11	cn	5.3	2.1	ug/L	1			8270E	Total/NA
Fluoranthene	1.9	*1 cn	0.53	0.11	ug/L	1			8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.62	cn	0.53	0.12	ug/L	1			8270E	Total/NA
Phenanthrene	1.4	cn	0.53	0.12	ug/L	1			8270E	Total/NA
Pyrene	1.9	cn	0.53	0.11	ug/L	1			8270E	Total/NA

Client Sample ID: SB-2

Lab Sample ID: 410-174105-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloromethane	170	J cn	380	69	ug/Kg	50		✱	8260D	Total/NA
Methyl acetate	250	J cn	380	76	ug/Kg	50		✱	8260D	Total/NA
Anthracene	13	J	18	3.5	ug/Kg	1		✱	8270E	Total/NA
Benzo[a]anthracene	4.4	J	18	3.5	ug/Kg	1		✱	8270E	Total/NA
Chrysene	9.3	J	18	3.5	ug/Kg	1		✱	8270E	Total/NA
Pyrene	5.5	J	18	3.5	ug/Kg	1		✱	8270E	Total/NA
Arsenic	0.36		0.35	0.12	mg/Kg	2		✱	6020B	Total/NA
Lead	2.1		0.17	0.066	mg/Kg	2		✱	6020B	Total/NA
Chromium	17		0.35	0.16	mg/Kg	2		✱	6020B	Total/NA
Barium	3.1		0.35	0.16	mg/Kg	2		✱	6020B	Total/NA

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]pyrene	4.5	J	18	3.5	ug/Kg	1		✱	8270E	Total/NA
Lead	4.9		0.18	0.068	mg/Kg	2		✱	6020B	Total/NA

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]anthracene	6.6	J	17	3.5	ug/Kg	1		✱	8270E	Total/NA
Benzo[a]pyrene	8.5	J	17	3.5	ug/Kg	1		✱	8270E	Total/NA
Benzo[b]fluoranthene	11	J	17	3.5	ug/Kg	1		✱	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-6 (Continued)

Lab Sample ID: 410-174105-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	9.9	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	4.1	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Chrysene	9.7	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Fluoranthene	13	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	6.6	J	17	4.2	ug/Kg	1	✱	8270E	Total/NA
Phenanthrene	5.9	J	17	4.2	ug/Kg	1	✱	8270E	Total/NA
Pyrene	12	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Arsenic	1.9		0.41	0.14	mg/Kg	2	✱	6020B	Total/NA
Lead	8.3		0.21	0.078	mg/Kg	2	✱	6020B	Total/NA
Chromium	24		0.41	0.20	mg/Kg	2	✱	6020B	Total/NA
Barium	6.3		0.41	0.19	mg/Kg	2	✱	6020B	Total/NA

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	5.2	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	11	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	12	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	11	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	4.1	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Chrysene	8.3	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Fluoranthene	9.9	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	7.7	J	17	4.2	ug/Kg	1	✱	8270E	Total/NA
Pyrene	10	J	17	3.5	ug/Kg	1	✱	8270E	Total/NA
Lead	4.8		0.19	0.071	mg/Kg	2	✱	6020B	Total/NA

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.1		0.20	0.077	mg/Kg	2	✱	6020B	Total/NA

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	5.9	J	18	3.6	ug/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	26		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	34		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	40		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	34		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	16	J	18	3.6	ug/Kg	1	✱	8270E	Total/NA
Chrysene	34		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Dibenz(a,h)anthracene	9.0	J	18	7.2	ug/Kg	1	✱	8270E	Total/NA
Fluoranthene	53		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Fluorene	3.8	J	18	3.6	ug/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	23		18	4.3	ug/Kg	1	✱	8270E	Total/NA
Phenanthrene	20		18	4.3	ug/Kg	1	✱	8270E	Total/NA
Pyrene	47		18	3.6	ug/Kg	1	✱	8270E	Total/NA
Arsenic	2.9		0.33	0.11	mg/Kg	2	✱	6020B	Total/NA
Cadmium	0.056	J	0.084	0.033	mg/Kg	2	✱	6020B	Total/NA
Lead	9.5		0.17	0.064	mg/Kg	2	✱	6020B	Total/NA
Selenium	0.13	J	0.33	0.084	mg/Kg	2	✱	6020B	Total/NA
Chromium	14		0.33	0.16	mg/Kg	2	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-10 (Continued)

Lab Sample ID: 410-174105-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	28		0.33	0.15	mg/Kg	2	✱	6020B	Total/NA

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: Trip Blank

Lab Sample ID: 410-174105-1

Date Collected: 05/31/24 00:00

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.20		1.0	0.20	ug/L			06/12/24 22:15	1
trans-1,3-Dichloropropene	<0.20		1.0	0.20	ug/L			06/12/24 22:15	1
Ethylbenzene	<0.40		1.0	0.40	ug/L			06/12/24 22:15	1
Styrene	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
1,4-Dichlorobenzene	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
1,2-Dibromoethane	<0.20		1.0	0.20	ug/L			06/12/24 22:15	1
1,2-Dichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
4-Methyl-2-pentanone	<0.50	cn	10	0.50	ug/L			06/12/24 22:15	1
Methylcyclohexane	<0.50		5.0	0.50	ug/L			06/12/24 22:15	1
Toluene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Chlorobenzene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Cyclohexane	<1.0		5.0	1.0	ug/L			06/12/24 22:15	1
1,2,4-Trichlorobenzene	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
Dibromochloromethane	<0.20		1.0	0.20	ug/L			06/12/24 22:15	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/12/24 22:15	1
Tetrachloroethene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
cis-1,2-Dichloroethene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
trans-1,2-Dichloroethene	<0.70		2.0	0.70	ug/L			06/12/24 22:15	1
Methyl tertiary butyl ether	<0.20		1.0	0.20	ug/L			06/12/24 22:15	1
1,3-Dichlorobenzene	<0.68		5.0	0.68	ug/L			06/12/24 22:15	1
Carbon tetrachloride	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
2-Hexanone	<0.85	cn	10	0.85	ug/L			06/12/24 22:15	1
Acetone	<0.70		20	0.70	ug/L			06/12/24 22:15	1
Chloroform	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Benzene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
1,1,1-Trichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Bromomethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Chloromethane	<0.55	cn	2.0	0.55	ug/L			06/12/24 22:15	1
Chloroethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Vinyl chloride	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Methylene Chloride	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Carbon disulfide	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
Bromoform	<1.0		4.0	1.0	ug/L			06/12/24 22:15	1
Bromodichloromethane	<0.20		1.0	0.20	ug/L			06/12/24 22:15	1
1,1-Dichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
1,1-Dichloroethene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Trichlorofluoromethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Dichlorodifluoromethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Freon 113	<0.30		10	0.30	ug/L			06/12/24 22:15	1
1,2-Dichloropropane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
2-Butanone	<0.50	cn	10	0.50	ug/L			06/12/24 22:15	1
1,1,2-Trichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Trichloroethene	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
Methyl acetate	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
1,1,2,2-Tetrachloroethane	<0.30		1.0	0.30	ug/L			06/12/24 22:15	1
1,2-Dichlorobenzene	<0.20		5.0	0.20	ug/L			06/12/24 22:15	1
1,2-Dibromo-3-Chloropropane	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
Isopropylbenzene	<0.30		5.0	0.30	ug/L			06/12/24 22:15	1
t-Butyl alcohol	<12		50	12	ug/L			06/12/24 22:15	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: Trip Blank

Lab Sample ID: 410-174105-1

Date Collected: 05/31/24 00:00

Matrix: Water

Date Received: 05/31/24 17:51

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		06/12/24 22:15	1
Dibromofluoromethane (Surr)	104		80 - 120		06/12/24 22:15	1
4-Bromofluorobenzene (Surr)	91		80 - 120		06/12/24 22:15	1
Toluene-d8 (Surr)	97		80 - 120		06/12/24 22:15	1

Client Sample ID: GW1

Lab Sample ID: 410-174105-2

Date Collected: 05/31/24 09:15

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<1.0	cn	5.0	1.0	ug/L			06/12/24 23:37	5
trans-1,3-Dichloropropene	<1.0	cn	5.0	1.0	ug/L			06/12/24 23:37	5
Ethylbenzene	<2.0	cn	5.0	2.0	ug/L			06/12/24 23:37	5
Styrene	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
1,4-Dichlorobenzene	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
1,2-Dibromoethane	<1.0	cn	5.0	1.0	ug/L			06/12/24 23:37	5
1,2-Dichloroethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
4-Methyl-2-pentanone	<2.5	cn	50	2.5	ug/L			06/12/24 23:37	5
Methylcyclohexane	<2.5	cn	25	2.5	ug/L			06/12/24 23:37	5
Toluene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Chlorobenzene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Cyclohexane	<5.0	cn	25	5.0	ug/L			06/12/24 23:37	5
1,2,4-Trichlorobenzene	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
Dibromochloromethane	<1.0	cn	5.0	1.0	ug/L			06/12/24 23:37	5
Xylenes, Total	<2.0	cn	5.0	2.0	ug/L			06/12/24 23:37	5
Tetrachloroethene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
cis-1,2-Dichloroethene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
trans-1,2-Dichloroethene	<3.5	cn	10	3.5	ug/L			06/12/24 23:37	5
Methyl tertiary butyl ether	<1.0	cn	5.0	1.0	ug/L			06/12/24 23:37	5
1,3-Dichlorobenzene	<3.4	cn	25	3.4	ug/L			06/12/24 23:37	5
Carbon tetrachloride	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
2-Hexanone	<4.3	cn	50	4.3	ug/L			06/12/24 23:37	5
Acetone	28	J cn	100	3.5	ug/L			06/12/24 23:37	5
Chloroform	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Benzene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
1,1,1-Trichloroethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Bromomethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Chloromethane	<2.8	cn	10	2.8	ug/L			06/12/24 23:37	5
Chloroethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Vinyl chloride	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Methylene Chloride	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Carbon disulfide	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
Bromoform	<5.0	cn	20	5.0	ug/L			06/12/24 23:37	5
Bromodichloromethane	<1.0	cn	5.0	1.0	ug/L			06/12/24 23:37	5
1,1-Dichloroethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
1,1-Dichloroethene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Trichlorofluoromethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Dichlorodifluoromethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Freon 113	<1.5	cn	50	1.5	ug/L			06/12/24 23:37	5

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: GW1

Lab Sample ID: 410-174105-2

Date Collected: 05/31/24 09:15

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
2-Butanone	<2.5	cn	50	2.5	ug/L			06/12/24 23:37	5
1,1,2-Trichloroethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Trichloroethene	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
Methyl acetate	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
1,1,2,2-Tetrachloroethane	<1.5	cn	5.0	1.5	ug/L			06/12/24 23:37	5
1,2-Dichlorobenzene	<1.0	cn	25	1.0	ug/L			06/12/24 23:37	5
1,2-Dibromo-3-Chloropropane	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
Isopropylbenzene	<1.5	cn	25	1.5	ug/L			06/12/24 23:37	5
t-Butyl alcohol	<60	cn	250	60	ug/L			06/12/24 23:37	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103	cn	80 - 120		06/12/24 23:37	5
Dibromofluoromethane (Surr)	104	cn	80 - 120		06/12/24 23:37	5
4-Bromofluorobenzene (Surr)	92	cn	80 - 120		06/12/24 23:37	5
Toluene-d8 (Surr)	95	cn	80 - 120		06/12/24 23:37	5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,2'-oxybis[1-chloropropane]	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,4,5-Trichlorophenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,4,6-Trichlorophenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,4-Dichlorophenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,4-Dimethylphenol	<3.0	cn	10	3.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,4-Dinitrophenol	<14	cn	30	14	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,4-Dinitrotoluene	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
2,6-Dinitrotoluene	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2-Chloronaphthalene	<0.41	cn	1.0	0.41	ug/L		06/06/24 15:46	06/07/24 16:45	1
2-Chlorophenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2-Methylnaphthalene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
2-Methylphenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
2-Nitroaniline	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
2-Nitrophenol	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
3,3'-Dichlorobenzidine	<4.1	cn	10	4.1	ug/L		06/06/24 15:46	06/07/24 16:45	1
3-Nitroaniline	<2.0	cn	5.1	2.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
4,6-Dinitro-2-methylphenol	<8.1	*+ cn	21	8.1	ug/L		06/06/24 15:46	06/07/24 16:45	1
4-Bromophenyl phenyl ether	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
4-Chloro-3-methylphenol	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
4-Chloroaniline	<4.1	cn	10	4.1	ug/L		06/06/24 15:46	06/07/24 16:45	1
4-Chlorophenyl phenyl ether	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
3,4-Methylphenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
4-Nitroaniline	<0.91	cn	3.0	0.91	ug/L		06/06/24 15:46	06/07/24 16:45	1
4-Nitrophenol	<10	cn	30	10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Acenaphthene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Acenaphthylene	1.3	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Acetophenone	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Anthracene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Atrazine	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Benzaldehyde	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: GW1

Lab Sample ID: 410-174105-2

Date Collected: 05/31/24 09:15

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Benzo[a]pyrene	<0.11	cn	0.51	0.11	ug/L		06/06/24 15:46	06/07/24 16:45	1
Benzo[b]fluoranthene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Benzo[g,h,i]perylene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Benzo[k]fluoranthene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Bis(2-chloroethoxy)methane	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Bis(2-chloroethyl)ether	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Bis(2-ethylhexyl) phthalate	<2.0	cn	5.1	2.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Butyl benzyl phthalate	<2.0	cn	5.1	2.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Caprolactam	<3.0	cn	7.1	3.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Carbazole	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Chrysene	0.19	J cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Di-n-butyl phthalate	<2.0	cn	5.1	2.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Di-n-octyl phthalate	<5.1	cn	11	5.1	ug/L		06/06/24 15:46	06/07/24 16:45	1
Dibenz(a,h)anthracene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Dibenzofuran	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Diethyl phthalate	<2.0	cn	5.1	2.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Dimethyl phthalate	<2.0	cn	5.1	2.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Fluoranthene	1.8	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Fluorene	<0.12	cn	0.51	0.12	ug/L		06/06/24 15:46	06/07/24 16:45	1
Hexachlorobenzene	<0.11	cn	0.51	0.11	ug/L		06/06/24 15:46	06/07/24 16:45	1
Hexachlorobutadiene	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Hexachlorocyclopentadiene	<5.1	cn	11	5.1	ug/L		06/06/24 15:46	06/07/24 16:45	1
Hexachloroethane	<0.51	cn	5.1	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Indeno[1,2,3-cd]pyrene	<0.11	cn	0.51	0.11	ug/L		06/06/24 15:46	06/07/24 16:45	1
Isophorone	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
N-Nitrosodi-n-propylamine	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
N-Nitrosodiphenylamine	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Naphthalene	<0.10	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1
Nitrobenzene	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Pentachlorophenol	<1.0	cn	5.1	1.0	ug/L		06/06/24 15:46	06/07/24 16:45	1
Phenanthrene	<0.11	cn	0.51	0.11	ug/L		06/06/24 15:46	06/07/24 16:45	1
Phenol	<0.51	cn	2.0	0.51	ug/L		06/06/24 15:46	06/07/24 16:45	1
Pyrene	5.4	cn	0.51	0.10	ug/L		06/06/24 15:46	06/07/24 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74	cn	28 - 120	06/06/24 15:46	06/07/24 16:45	1
2-Fluorophenol (Surr)	32	cn	10 - 120	06/06/24 15:46	06/07/24 16:45	1
Nitrobenzene-d5 (Surr)	55	cn	18 - 120	06/06/24 15:46	06/07/24 16:45	1
p-Terphenyl-d14 (Surr)	41	cn	22 - 120	06/06/24 15:46	06/07/24 16:45	1
2,4,6-Tribromophenol (Surr)	65	cn	16 - 120	06/06/24 15:46	06/07/24 16:45	1
Phenol-d5 (Surr)	26	cn	10 - 120	06/06/24 15:46	06/07/24 16:45	1

Client Sample ID: GW2

Lab Sample ID: 410-174105-3

Date Collected: 05/31/24 09:45

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<1.0	cn	5.0	1.0	ug/L			06/13/24 01:59	5

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: GW2

Lab Sample ID: 410-174105-3

Date Collected: 05/31/24 09:45

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.0	cn	5.0	1.0	ug/L			06/13/24 01:59	5
Ethylbenzene	<2.0	cn	5.0	2.0	ug/L			06/13/24 01:59	5
Styrene	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
1,4-Dichlorobenzene	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
1,2-Dibromoethane	<1.0	cn	5.0	1.0	ug/L			06/13/24 01:59	5
1,2-Dichloroethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
4-Methyl-2-pentanone	<2.5	cn	50	2.5	ug/L			06/13/24 01:59	5
Methylcyclohexane	<2.5	cn	25	2.5	ug/L			06/13/24 01:59	5
Toluene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Chlorobenzene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Cyclohexane	<5.0	cn	25	5.0	ug/L			06/13/24 01:59	5
1,2,4-Trichlorobenzene	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
Dibromochloromethane	<1.0	cn	5.0	1.0	ug/L			06/13/24 01:59	5
Xylenes, Total	<2.0	cn	5.0	2.0	ug/L			06/13/24 01:59	5
Tetrachloroethene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
cis-1,2-Dichloroethene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
trans-1,2-Dichloroethene	<3.5	cn	10	3.5	ug/L			06/13/24 01:59	5
Methyl tertiary butyl ether	<1.0	cn	5.0	1.0	ug/L			06/13/24 01:59	5
1,3-Dichlorobenzene	<3.4	cn	25	3.4	ug/L			06/13/24 01:59	5
Carbon tetrachloride	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
2-Hexanone	<4.3	cn	50	4.3	ug/L			06/13/24 01:59	5
Acetone	400	cn	100	3.5	ug/L			06/13/24 01:59	5
Chloroform	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Benzene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
1,1,1-Trichloroethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Bromomethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Chloromethane	<2.8	cn	10	2.8	ug/L			06/13/24 01:59	5
Chloroethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Vinyl chloride	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Methylene Chloride	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Carbon disulfide	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
Bromoform	<5.0	cn	20	5.0	ug/L			06/13/24 01:59	5
Bromodichloromethane	<1.0	cn	5.0	1.0	ug/L			06/13/24 01:59	5
1,1-Dichloroethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
1,1-Dichloroethene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Trichlorofluoromethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Dichlorodifluoromethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Freon 113	<1.5	cn	50	1.5	ug/L			06/13/24 01:59	5
1,2-Dichloropropane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
2-Butanone	5.8	J cn	50	2.5	ug/L			06/13/24 01:59	5
1,1,2-Trichloroethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Trichloroethene	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
Methyl acetate	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
1,1,2,2-Tetrachloroethane	<1.5	cn	5.0	1.5	ug/L			06/13/24 01:59	5
1,2-Dichlorobenzene	<1.0	cn	25	1.0	ug/L			06/13/24 01:59	5
1,2-Dibromo-3-Chloropropane	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
Isopropylbenzene	<1.5	cn	25	1.5	ug/L			06/13/24 01:59	5
t-Butyl alcohol	<60	cn	250	60	ug/L			06/13/24 01:59	5

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: GW2

Lab Sample ID: 410-174105-3

Date Collected: 05/31/24 09:45

Matrix: Water

Date Received: 05/31/24 17:51

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105	cn	80 - 120		06/13/24 01:59	5
Dibromofluoromethane (Surr)	105	cn	80 - 120		06/13/24 01:59	5
4-Bromofluorobenzene (Surr)	91	cn	80 - 120		06/13/24 01:59	5
Toluene-d8 (Surr)	97	cn	80 - 120		06/13/24 01:59	5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,2'-oxybis[1-chloropropane]	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,4,5-Trichlorophenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,4,6-Trichlorophenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,4-Dichlorophenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,4-Dimethylphenol	<3.2	cn	11	3.2	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,4-Dinitrophenol	<15	cn	32	15	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,4-Dinitrotoluene	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
2,6-Dinitrotoluene	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2-Chloronaphthalene	<0.42	cn	1.1	0.42	ug/L		06/06/24 08:20	06/07/24 01:07	1
2-Chlorophenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2-Methylnaphthalene	<0.11	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
2-Methylphenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
2-Nitroaniline	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
2-Nitrophenol	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
3,3'-Dichlorobenzidine	<4.2	*+ cn	11	4.2	ug/L		06/06/24 08:20	06/07/24 01:07	1
3-Nitroaniline	<2.1	cn	5.3	2.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
4,6-Dinitro-2-methylphenol	<8.5	cn	22	8.5	ug/L		06/06/24 08:20	06/07/24 01:07	1
4-Bromophenyl phenyl ether	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
4-Chloro-3-methylphenol	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
4-Chloroaniline	<4.2	cn	11	4.2	ug/L		06/06/24 08:20	06/07/24 01:07	1
4-Chlorophenyl phenyl ether	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
3,4-Methylphenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
4-Nitroaniline	<0.96	cn	3.2	0.96	ug/L		06/06/24 08:20	06/07/24 01:07	1
4-Nitrophenol	<11	cn	32	11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Acenaphthene	<0.11	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Acenaphthylene	<0.11	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Acetophenone	3.2	J cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Anthracene	<0.11	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Atrazine	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Benzaldehyde	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Benzo[a]anthracene	0.48	J *+ cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Benzo[a]pyrene	0.78	cn	0.53	0.12	ug/L		06/06/24 08:20	06/07/24 01:07	1
Benzo[b]fluoranthene	0.95	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Benzo[g,h,i]perylene	0.79	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Benzo[k]fluoranthene	0.44	J cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Bis(2-chloroethoxy)methane	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Bis(2-chloroethyl)ether	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Bis(2-ethylhexyl) phthalate	<2.1	cn	5.3	2.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Butyl benzyl phthalate	<2.1	cn	5.3	2.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Caprolactam	<3.2	cn	7.4	3.2	ug/L		06/06/24 08:20	06/07/24 01:07	1
Carbazole	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Chrysene	1.0	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: GW2

Lab Sample ID: 410-174105-3

Date Collected: 05/31/24 09:45

Matrix: Water

Date Received: 05/31/24 17:51

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	<2.1	*1 cn	5.3	2.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Di-n-octyl phthalate	<5.3	cn	12	5.3	ug/L		06/06/24 08:20	06/07/24 01:07	1
Dibenz(a,h)anthracene	<0.11	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Dibenzofuran	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Diethyl phthalate	11	cn	5.3	2.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Dimethyl phthalate	<2.1	cn	5.3	2.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Fluoranthene	1.9	*1 cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Fluorene	<0.13	cn	0.53	0.13	ug/L		06/06/24 08:20	06/07/24 01:07	1
Hexachlorobenzene	<0.12	cn	0.53	0.12	ug/L		06/06/24 08:20	06/07/24 01:07	1
Hexachlorobutadiene	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Hexachlorocyclopentadiene	<5.3	cn	12	5.3	ug/L		06/06/24 08:20	06/07/24 01:07	1
Hexachloroethane	<0.53	cn	5.3	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Indeno[1,2,3-cd]pyrene	0.62	cn	0.53	0.12	ug/L		06/06/24 08:20	06/10/24 21:08	1
Isophorone	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
N-Nitrosodi-n-propylamine	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
N-Nitrosodiphenylamine	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Naphthalene	<0.11	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1
Nitrobenzene	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Pentachlorophenol	<1.1	cn	5.3	1.1	ug/L		06/06/24 08:20	06/07/24 01:07	1
Phenanthrene	1.4	cn	0.53	0.12	ug/L		06/06/24 08:20	06/07/24 01:07	1
Phenol	<0.53	cn	2.1	0.53	ug/L		06/06/24 08:20	06/07/24 01:07	1
Pyrene	1.9	cn	0.53	0.11	ug/L		06/06/24 08:20	06/07/24 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	80	cn	28 - 120	06/06/24 08:20	06/07/24 01:07	1
2-Fluorobiphenyl (Surr)	81	cn	28 - 120	06/06/24 08:20	06/10/24 21:08	1
2-Fluorophenol (Surr)	46	cn	10 - 120	06/06/24 08:20	06/07/24 01:07	1
2-Fluorophenol (Surr)	52	cn	10 - 120	06/06/24 08:20	06/10/24 21:08	1
Nitrobenzene-d5 (Surr)	69	cn	18 - 120	06/06/24 08:20	06/07/24 01:07	1
Nitrobenzene-d5 (Surr)	63	cn	18 - 120	06/06/24 08:20	06/10/24 21:08	1
p-Terphenyl-d14 (Surr)	60	cn	22 - 120	06/06/24 08:20	06/07/24 01:07	1
p-Terphenyl-d14 (Surr)	53	cn	22 - 120	06/06/24 08:20	06/10/24 21:08	1
2,4,6-Tribromophenol (Surr)	91	cn	16 - 120	06/06/24 08:20	06/07/24 01:07	1
2,4,6-Tribromophenol (Surr)	72	cn	16 - 120	06/06/24 08:20	06/10/24 21:08	1
Phenol-d5 (Surr)	29	cn	10 - 120	06/06/24 08:20	06/07/24 01:07	1
Phenol-d5 (Surr)	38	cn	10 - 120	06/06/24 08:20	06/10/24 21:08	1

Client Sample ID: SB-2

Lab Sample ID: 410-174105-4

Date Collected: 05/31/24 09:15

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<46	cn	380	46	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50
trans-1,3-Dichloropropene	<46	cn	380	46	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50
Ethylbenzene	<31	cn	380	31	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50
Styrene	<46	cn	380	46	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50
1,4-Dichlorobenzene	<38	cn	380	38	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50
1,2-Dibromoethane	<46	cn	380	46	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50
1,2-Dichloroethane	<46	cn	380	46	ug/Kg	☼	06/06/24 23:01	06/13/24 14:34	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-2

Lab Sample ID: 410-174105-4

Date Collected: 05/31/24 09:15

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 94.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<110	cn	760	110	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Methylcyclohexane	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Toluene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Chlorobenzene	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Cyclohexane	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,2,4-Trichlorobenzene	<380	cn	760	380	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Dibromochloromethane	<150	cn	380	150	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Xylenes, Total	<110	cn	380	110	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Tetrachloroethene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
cis-1,2-Dichloroethene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
trans-1,2-Dichloroethene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Methyl tertiary butyl ether	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,3-Dichlorobenzene	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Carbon tetrachloride	<150	cn	380	150	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
2-Hexanone	<110	cn	760	110	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Acetone	<460	cn	1500	460	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Chloroform	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Benzene	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,1,1-Trichloroethane	<53	cn	380	53	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Bromomethane	<120	cn	380	120	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Chloromethane	170	J cn	380	69	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Chloroethane	<110	cn	380	110	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Vinyl chloride	<61	cn	380	61	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Methylene Chloride	<150	cn	380	150	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Carbon disulfide	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Bromoform	<380	cn	760	380	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Bromodichloromethane	<53	cn	380	53	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,1-Dichloroethane	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,1-Dichloroethene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Trichlorofluoromethane	<61	cn	380	61	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Dichlorodifluoromethane	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Freon 113	<53	cn	760	53	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,2-Dichloropropane	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
2-Butanone	<150	cn	760	150	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,1,2-Trichloroethane	<38	cn	380	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Trichloroethene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Methyl acetate	250	J cn	380	76	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,1,2,2-Tetrachloroethane	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,2-Dichlorobenzene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
1,2-Dibromo-3-Chloropropane	<76	cn	380	76	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50
Isopropylbenzene	<46	cn	380	46	ug/Kg	☆	06/06/24 23:01	06/13/24 14:34	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88	cn	54 - 135	06/06/24 23:01	06/13/24 14:34	50
Dibromofluoromethane (Surr)	82	cn	50 - 141	06/06/24 23:01	06/13/24 14:34	50
4-Bromofluorobenzene (Surr)	87	cn	50 - 131	06/06/24 23:01	06/13/24 14:34	50
Toluene-d8 (Surr)	85	cn	52 - 141	06/06/24 23:01	06/13/24 14:34	50

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-2

Lab Sample ID: 410-174105-4

Date Collected: 05/31/24 09:15

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 94.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,2'-oxybis[1-chloropropane]	<21		46	21	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,4,5-Trichlorophenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,4,6-Trichlorophenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,4-Dichlorophenol	<21		46	21	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,4-Dimethylphenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,4-Dinitrophenol	<180		1100	180	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,4-Dinitrotoluene	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2,6-Dinitrotoluene	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2-Chloronaphthalene	<14		35	14	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2-Chlorophenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2-Methylnaphthalene	<5.3		18	5.3	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2-Methylphenol	<21		53	21	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2-Nitroaniline	<18		53	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
2-Nitrophenol	<21		53	21	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
3,3'-Dichlorobenzidine	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
3-Nitroaniline	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4,6-Dinitro-2-methylphenol	<180		530	180	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4-Bromophenyl phenyl ether	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4-Chloro-3-methylphenol	<21		53	21	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4-Chloroaniline	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4-Chlorophenyl phenyl ether	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
3,4-Methylphenol	<18		53	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4-Nitroaniline	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
4-Nitrophenol	<180		530	180	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Acenaphthene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Acenaphthylene	<4.2		18	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Acetophenone	<18		53	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Anthracene	13 J		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Atrazine	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Benzaldehyde	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Benzo[a]anthracene	4.4 J		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Benzo[a]pyrene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Benzo[b]fluoranthene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Benzo[g,h,i]perylene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Benzo[k]fluoranthene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Bis(2-chloroethoxy)methane	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Bis(2-chloroethyl)ether	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Bis(2-ethylhexyl) phthalate	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Butyl benzyl phthalate	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Caprolactam	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Carbazole	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Chrysene	9.3 J		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Di-n-butyl phthalate	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Di-n-octyl phthalate	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Dibenz(a,h)anthracene	<7.0		18	7.0	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Dibenzofuran	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Diethyl phthalate	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Dimethyl phthalate	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-2

Lab Sample ID: 410-174105-4

Date Collected: 05/31/24 09:15

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 94.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Fluorene	<3.5		18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Hexachlorobenzene	<7.0		18	7.0	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Hexachlorobutadiene	<21		53	21	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Hexachlorocyclopentadiene	<180	cn	530	180	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Hexachloroethane	<35		180	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Indeno[1,2,3-cd]pyrene	<4.2		18	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Isophorone	<18		70	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
N-Nitrosodi-n-propylamine	<35		70	35	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
N-Nitrosodiphenylamine	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Naphthalene	<7.0		18	7.0	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Nitrobenzene	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Pentachlorophenol	<70		180	70	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Phenanthrene	<4.2		18	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Phenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1
Pyrene	5.5	J	18	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		29 - 120	06/12/24 16:05	06/13/24 16:53	1
2-Fluorophenol (Surr)	65		18 - 120	06/12/24 16:05	06/13/24 16:53	1
Nitrobenzene-d5 (Surr)	70		22 - 120	06/12/24 16:05	06/13/24 16:53	1
p-Terphenyl-d14 (Surr)	90		36 - 123	06/12/24 16:05	06/13/24 16:53	1
2,4,6-Tribromophenol (Surr)	78		13 - 127	06/12/24 16:05	06/13/24 16:53	1
Phenol-d5 (Surr)	67		20 - 120	06/12/24 16:05	06/13/24 16:53	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.36		0.35	0.12	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2
Cadmium	<0.035		0.086	0.035	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2
Lead	2.1		0.17	0.066	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2
Selenium	<0.086	^5-	0.35	0.086	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2
Silver	<0.035		0.086	0.035	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2
Chromium	17		0.35	0.16	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2
Barium	3.1		0.35	0.16	mg/Kg	☆	06/05/24 08:40	06/11/24 14:08	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.021		0.064	0.021	mg/Kg	☆	06/05/24 10:15	06/06/24 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.9		1.0	1.0	%			06/04/24 11:50	1

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Date Collected: 05/31/24 12:00

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
trans-1,3-Dichloropropene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Date Collected: 05/31/24 12:00

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<19	cn	240	19	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Styrene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,4-Dichlorobenzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,2-Dibromoethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,2-Dichloroethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
4-Methyl-2-pentanone	<72	cn	480	72	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Methylcyclohexane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Toluene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Chlorobenzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Cyclohexane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,2,4-Trichlorobenzene	<240	cn	480	240	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Dibromochloromethane	<96	cn	240	96	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Xylenes, Total	<67	cn	240	67	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Tetrachloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
cis-1,2-Dichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
trans-1,2-Dichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Methyl tertiary butyl ether	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,3-Dichlorobenzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Carbon tetrachloride	<96	cn	240	96	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
2-Hexanone	<72	cn	480	72	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Acetone	<290	cn	960	290	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Chloroform	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Benzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,1,1-Trichloroethane	<34	cn	240	34	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Bromomethane	<77	cn	240	77	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Chloromethane	<43	cn	240	43	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Chloroethane	<72	cn	240	72	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Vinyl chloride	<38	cn	240	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Methylene Chloride	<96	cn	240	96	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Carbon disulfide	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Bromoform	<240	cn	480	240	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Bromodichloromethane	<34	cn	240	34	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,1-Dichloroethane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,1-Dichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Trichlorofluoromethane	<38	cn	240	38	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Dichlorodifluoromethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Freon 113	<34	cn	480	34	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,2-Dichloropropane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
2-Butanone	<96	cn	480	96	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,1,1-Trichloroethane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Trichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Methyl acetate	<48	cn	240	48	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,1,1,2,2-Tetrachloroethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,2-Dichlorobenzene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
1,2-Dibromo-3-Chloropropane	<48	cn	240	48	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50
Isopropylbenzene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 14:55	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87	cn	54 - 135	06/06/24 23:01	06/13/24 14:55	50
Dibromofluoromethane (Surr)	81	cn	50 - 141	06/06/24 23:01	06/13/24 14:55	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Date Collected: 05/31/24 12:00

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85	cn	50 - 131	06/06/24 23:01	06/13/24 14:55	50
Toluene-d8 (Surr)	85	cn	52 - 141	06/06/24 23:01	06/13/24 14:55	50

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,2'-oxybis[1-chloropropane]	<21		46	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,4,5-Trichlorophenol	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,4,6-Trichlorophenol	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,4-Dichlorophenol	<21		46	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,4-Dimethylphenol	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,4-Dinitrophenol	<180		1100	180	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,4-Dinitrotoluene	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2,6-Dinitrotoluene	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2-Chloronaphthalene	<14		35	14	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2-Chlorophenol	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2-Methylnaphthalene	<5.3		18	5.3	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2-Methylphenol	<21		53	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2-Nitroaniline	<18		53	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
2-Nitrophenol	<21		53	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
3,3'-Dichlorobenzidine	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
3-Nitroaniline	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4,6-Dinitro-2-methylphenol	<180		530	180	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4-Bromophenyl phenyl ether	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4-Chloro-3-methylphenol	<21		53	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4-Chloroaniline	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4-Chlorophenyl phenyl ether	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
3,4-Methylphenol	<18		53	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4-Nitroaniline	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
4-Nitrophenol	<180		530	180	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Acenaphthene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Acenaphthylene	<4.2		18	4.2	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Acetophenone	<18		53	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Anthracene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Atrazine	<71		180	71	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Benzaldehyde	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Benzo[a]anthracene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Benzo[a]pyrene	4.5 J		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Benzo[b]fluoranthene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Benzo[g,h,i]perylene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Benzo[k]fluoranthene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Bis(2-chloroethoxy)methane	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Bis(2-chloroethyl)ether	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Bis(2-ethylhexyl) phthalate	<71		180	71	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Butyl benzyl phthalate	<71		180	71	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Caprolactam	<35		180	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Carbazole	<18		39	18	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Chrysene	<3.5		18	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1
Di-n-butyl phthalate	<71		180	71	ug/Kg	✱	06/12/24 16:05	06/13/24 17:17	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Date Collected: 05/31/24 12:00

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 93.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<71		180	71	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Dibenz(a,h)anthracene	<7.1		18	7.1	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Dibenzofuran	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Diethyl phthalate	<71		180	71	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Dimethyl phthalate	<71		180	71	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Fluoranthene	<3.5		18	3.5	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Fluorene	<3.5		18	3.5	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Hexachlorobenzene	<7.1		18	7.1	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Hexachlorobutadiene	<21		53	21	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Hexachlorocyclopentadiene	<180	cn	530	180	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Hexachloroethane	<35		180	35	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Indeno[1,2,3-cd]pyrene	<4.2		18	4.2	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Isophorone	<18		71	18	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
N-Nitrosodi-n-propylamine	<35		71	35	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
N-Nitrosodiphenylamine	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Naphthalene	<7.1		18	7.1	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Nitrobenzene	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Pentachlorophenol	<71		180	71	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Phenanthrene	<4.2		18	4.2	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Phenol	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1
Pyrene	<3.5		18	3.5	ug/Kg	☼	06/12/24 16:05	06/13/24 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	78		29 - 120	06/12/24 16:05	06/13/24 17:17	1
2-Fluorophenol (Surr)	71		18 - 120	06/12/24 16:05	06/13/24 17:17	1
Nitrobenzene-d5 (Surr)	65		22 - 120	06/12/24 16:05	06/13/24 17:17	1
p-Terphenyl-d14 (Surr)	92		36 - 123	06/12/24 16:05	06/13/24 17:17	1
2,4,6-Tribromophenol (Surr)	79		13 - 127	06/12/24 16:05	06/13/24 17:17	1
Phenol-d5 (Surr)	74		20 - 120	06/12/24 16:05	06/13/24 17:17	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		0.18	0.068	mg/Kg	☼	06/05/24 08:40	06/11/24 14:10	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			06/04/24 11:50	1

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Date Collected: 05/31/24 11:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<31	cn	260	31	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50
trans-1,3-Dichloropropene	<31	cn	260	31	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50
Ethylbenzene	<21	cn	260	21	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50
Styrene	<31	cn	260	31	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50
1,4-Dichlorobenzene	<26	cn	260	26	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50
1,2-Dibromoethane	<31	cn	260	31	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50
1,2-Dichloroethane	<31	cn	260	31	ug/Kg	☼	06/06/24 23:01	06/13/24 15:16	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Date Collected: 05/31/24 11:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<78	cn	520	78	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Methylcyclohexane	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Toluene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Chlorobenzene	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Cyclohexane	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,2,4-Trichlorobenzene	<260	cn	520	260	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Dibromochloromethane	<100	cn	260	100	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Xylenes, Total	<73	cn	260	73	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Tetrachloroethene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
cis-1,2-Dichloroethene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
trans-1,2-Dichloroethene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Methyl tertiary butyl ether	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,3-Dichlorobenzene	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Carbon tetrachloride	<100	cn	260	100	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
2-Hexanone	<78	cn	520	78	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Acetone	<310	cn	1000	310	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Chloroform	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Benzene	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,1,1-Trichloroethane	<37	cn	260	37	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Bromomethane	<84	cn	260	84	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Chloromethane	<47	cn	260	47	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Chloroethane	<78	cn	260	78	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Vinyl chloride	<42	cn	260	42	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Methylene Chloride	<100	cn	260	100	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Carbon disulfide	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Bromoform	<260	cn	520	260	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Bromodichloromethane	<37	cn	260	37	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,1-Dichloroethane	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,1-Dichloroethene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Trichlorofluoromethane	<42	cn	260	42	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Dichlorodifluoromethane	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Freon 113	<37	cn	520	37	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,2-Dichloropropane	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
2-Butanone	<100	cn	520	100	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,1,2-Trichloroethane	<26	cn	260	26	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Trichloroethene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Methyl acetate	<52	cn	260	52	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,1,2,2-Tetrachloroethane	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,2-Dichlorobenzene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
1,2-Dibromo-3-Chloropropane	<52	cn	260	52	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Isopropylbenzene	<31	cn	260	31	ug/Kg	☆	06/06/24 23:01	06/13/24 15:16	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93	cn	54 - 135				06/06/24 23:01	06/13/24 15:16	50
Dibromofluoromethane (Surr)	86	cn	50 - 141				06/06/24 23:01	06/13/24 15:16	50
4-Bromofluorobenzene (Surr)	91	cn	50 - 131				06/06/24 23:01	06/13/24 15:16	50
Toluene-d8 (Surr)	90	cn	52 - 141				06/06/24 23:01	06/13/24 15:16	50

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Date Collected: 05/31/24 11:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,2'-oxybis[1-chloropropane]	<21		45	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,4,5-Trichlorophenol	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,4,6-Trichlorophenol	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,4-Dichlorophenol	<21		45	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,4-Dimethylphenol	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,4-Dinitrophenol	<170		1000	170	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,4-Dinitrotoluene	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2,6-Dinitrotoluene	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2-Chloronaphthalene	<14		35	14	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2-Chlorophenol	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2-Methylnaphthalene	<5.2		17	5.2	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2-Methylphenol	<21		52	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2-Nitroaniline	<17		52	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
2-Nitrophenol	<21		52	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
3,3'-Dichlorobenzidine	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
3-Nitroaniline	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4,6-Dinitro-2-methylphenol	<170		520	170	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4-Bromophenyl phenyl ether	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4-Chloro-3-methylphenol	<21		52	21	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4-Chloroaniline	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4-Chlorophenyl phenyl ether	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
3,4-Methylphenol	<17		52	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4-Nitroaniline	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
4-Nitrophenol	<170		520	170	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Acenaphthene	<3.5		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Acenaphthylene	<4.2		17	4.2	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Acetophenone	<17		52	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Anthracene	<3.5		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Atrazine	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Benzaldehyde	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Benzo[a]anthracene	6.6 J		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Benzo[a]pyrene	8.5 J		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Benzo[b]fluoranthene	11 J		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Benzo[g,h,i]perylene	9.9 J		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Benzo[k]fluoranthene	4.1 J		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Bis(2-chloroethoxy)methane	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Bis(2-chloroethyl)ether	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Bis(2-ethylhexyl) phthalate	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Butyl benzyl phthalate	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Caprolactam	<35		170	35	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Carbazole	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Chrysene	9.7 J		17	3.5	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Di-n-butyl phthalate	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Di-n-octyl phthalate	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Dibenz(a,h)anthracene	<7.0		17	7.0	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Dibenzofuran	<17		38	17	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Diethyl phthalate	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1
Dimethyl phthalate	<70		170	70	ug/Kg	✱	06/12/24 16:05	06/13/24 17:42	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Date Collected: 05/31/24 11:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	13	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Fluorene	<3.5		17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Hexachlorobenzene	<7.0		17	7.0	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Hexachlorobutadiene	<21		52	21	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Hexachlorocyclopentadiene	<170	cn	520	170	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Hexachloroethane	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Indeno[1,2,3-cd]pyrene	6.6	J	17	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Isophorone	<17		70	17	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
N-Nitrosodi-n-propylamine	<35		70	35	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
N-Nitrosodiphenylamine	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Naphthalene	<7.0		17	7.0	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Nitrobenzene	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Pentachlorophenol	<70		170	70	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Phenanthrene	5.9	J	17	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Phenol	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1
Pyrene	12	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		29 - 120	06/12/24 16:05	06/13/24 17:42	1
2-Fluorophenol (Surr)	74		18 - 120	06/12/24 16:05	06/13/24 17:42	1
Nitrobenzene-d5 (Surr)	62		22 - 120	06/12/24 16:05	06/13/24 17:42	1
p-Terphenyl-d14 (Surr)	93		36 - 123	06/12/24 16:05	06/13/24 17:42	1
2,4,6-Tribromophenol (Surr)	88		13 - 127	06/12/24 16:05	06/13/24 17:42	1
Phenol-d5 (Surr)	77		20 - 120	06/12/24 16:05	06/13/24 17:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9		0.41	0.14	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2
Cadmium	<0.041		0.10	0.041	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2
Lead	8.3		0.21	0.078	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2
Selenium	<0.10		0.41	0.10	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2
Silver	<0.042		0.10	0.042	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2
Chromium	24		0.41	0.20	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2
Barium	6.3		0.41	0.19	mg/Kg	☆	06/05/24 08:40	06/11/24 14:12	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.020		0.060	0.020	mg/Kg	☆	06/05/24 10:15	06/06/24 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.8		1.0	1.0	%			06/04/24 11:50	1

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Date Collected: 05/31/24 12:20

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
trans-1,3-Dichloropropene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Date Collected: 05/31/24 12:20

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<18	cn	230	18	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Styrene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,4-Dichlorobenzene	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,2-Dibromoethane	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,2-Dichloroethane	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
4-Methyl-2-pentanone	<69	cn	460	69	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Methylcyclohexane	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Toluene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Chlorobenzene	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Cyclohexane	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,2,4-Trichlorobenzene	<230	cn	460	230	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Dibromochloromethane	<92	cn	230	92	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Xylenes, Total	<65	cn	230	65	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Tetrachloroethene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
cis-1,2-Dichloroethene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
trans-1,2-Dichloroethene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Methyl tertiary butyl ether	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,3-Dichlorobenzene	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Carbon tetrachloride	<92	cn	230	92	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
2-Hexanone	<69	cn	460	69	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Acetone	<280	cn	920	280	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Chloroform	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Benzene	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,1,1-Trichloroethane	<32	cn	230	32	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Bromomethane	<74	cn	230	74	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Chloromethane	<42	cn	230	42	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Chloroethane	<69	cn	230	69	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Vinyl chloride	<37	cn	230	37	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Methylene Chloride	<92	cn	230	92	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Carbon disulfide	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Bromoform	<230	cn	460	230	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Bromodichloromethane	<32	cn	230	32	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,1-Dichloroethane	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,1-Dichloroethene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Trichlorofluoromethane	<37	cn	230	37	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Dichlorodifluoromethane	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Freon 113	<32	cn	460	32	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,2-Dichloropropane	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
2-Butanone	<92	cn	460	92	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,1,1-Trichloroethane	<23	cn	230	23	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Trichloroethene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Methyl acetate	<46	cn	230	46	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,1,1,2,2-Tetrachloroethane	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,2-Dichlorobenzene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
1,2-Dibromo-3-Chloropropane	<46	cn	230	46	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50
Isopropylbenzene	<28	cn	230	28	ug/Kg	☆	06/06/24 23:01	06/13/24 15:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85	cn	54 - 135	06/06/24 23:01	06/13/24 15:37	50
Dibromofluoromethane (Surr)	80	cn	50 - 141	06/06/24 23:01	06/13/24 15:37	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Date Collected: 05/31/24 12:20

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82	cn	50 - 131	06/06/24 23:01	06/13/24 15:37	50
Toluene-d8 (Surr)	83	cn	52 - 141	06/06/24 23:01	06/13/24 15:37	50

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,2'-oxybis[1-chloropropane]	<21		45	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,4,5-Trichlorophenol	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,4,6-Trichlorophenol	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,4-Dichlorophenol	<21		45	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,4-Dimethylphenol	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,4-Dinitrophenol	<170		1000	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,4-Dinitrotoluene	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2,6-Dinitrotoluene	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2-Chloronaphthalene	<14		35	14	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2-Chlorophenol	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2-Methylnaphthalene	<5.2		17	5.2	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2-Methylphenol	<21		52	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2-Nitroaniline	<17		52	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
2-Nitrophenol	<21		52	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
3,3'-Dichlorobenzidine	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
3-Nitroaniline	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4,6-Dinitro-2-methylphenol	<170		520	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4-Bromophenyl phenyl ether	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4-Chloro-3-methylphenol	<21		52	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4-Chloroaniline	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4-Chlorophenyl phenyl ether	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
3,4-Methylphenol	<17		52	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4-Nitroaniline	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
4-Nitrophenol	<170		520	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Acenaphthene	<3.5		17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Acenaphthylene	<4.2		17	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Acetophenone	<17		52	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Anthracene	<3.5		17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Atrazine	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Benzaldehyde	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Benzo[a]anthracene	5.2	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Benzo[a]pyrene	11	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Benzo[b]fluoranthene	12	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Benzo[g,h,i]perylene	11	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Benzo[k]fluoranthene	4.1	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Bis(2-chloroethoxy)methane	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Bis(2-chloroethyl)ether	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Bis(2-ethylhexyl) phthalate	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Butyl benzyl phthalate	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Caprolactam	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Carbazole	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Chrysene	8.3	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Di-n-butyl phthalate	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Date Collected: 05/31/24 12:20

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Dibenz(a,h)anthracene	<6.9		17	6.9	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Dibenzofuran	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Diethyl phthalate	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Dimethyl phthalate	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Fluoranthene	9.9	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Fluorene	<3.5		17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Hexachlorobenzene	<6.9		17	6.9	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Hexachlorobutadiene	<21		52	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Hexachlorocyclopentadiene	<170	cn	520	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Hexachloroethane	<35		170	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Indeno[1,2,3-cd]pyrene	7.7	J	17	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Isophorone	<17		69	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
N-Nitrosodi-n-propylamine	<35		69	35	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
N-Nitrosodiphenylamine	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Naphthalene	<6.9		17	6.9	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Nitrobenzene	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Pentachlorophenol	<69		170	69	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Phenanthrene	<4.2		17	4.2	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Phenol	<17		38	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1
Pyrene	10	J	17	3.5	ug/Kg	☆	06/12/24 16:05	06/13/24 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		29 - 120	06/12/24 16:05	06/13/24 18:06	1
2-Fluorophenol (Surr)	78		18 - 120	06/12/24 16:05	06/13/24 18:06	1
Nitrobenzene-d5 (Surr)	82		22 - 120	06/12/24 16:05	06/13/24 18:06	1
p-Terphenyl-d14 (Surr)	99		36 - 123	06/12/24 16:05	06/13/24 18:06	1
2,4,6-Tribromophenol (Surr)	89		13 - 127	06/12/24 16:05	06/13/24 18:06	1
Phenol-d5 (Surr)	82		20 - 120	06/12/24 16:05	06/13/24 18:06	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.8		0.19	0.071	mg/Kg	☆	06/05/24 08:40	06/11/24 14:14	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.7		1.0	1.0	%			06/04/24 11:50	1

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Date Collected: 05/31/24 12:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
trans-1,3-Dichloropropene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Ethylbenzene	<19	cn	240	19	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Styrene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,4-Dichlorobenzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,2-Dibromoethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,2-Dichloroethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Date Collected: 05/31/24 12:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 97.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<72	cn	480	72	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Methylcyclohexane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Toluene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Chlorobenzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Cyclohexane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,2,4-Trichlorobenzene	<240	cn	480	240	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Dibromochloromethane	<96	cn	240	96	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Xylenes, Total	<67	cn	240	67	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Tetrachloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
cis-1,2-Dichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
trans-1,2-Dichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Methyl tertiary butyl ether	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,3-Dichlorobenzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Carbon tetrachloride	<96	cn	240	96	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
2-Hexanone	<72	cn	480	72	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Acetone	<290	cn	960	290	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Chloroform	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Benzene	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,1,1-Trichloroethane	<34	cn	240	34	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Bromomethane	<77	cn	240	77	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Chloromethane	<43	cn	240	43	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Chloroethane	<72	cn	240	72	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Vinyl chloride	<39	cn	240	39	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Methylene Chloride	<96	cn	240	96	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Carbon disulfide	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Bromoform	<240	cn	480	240	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Bromodichloromethane	<34	cn	240	34	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,1-Dichloroethane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,1-Dichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Trichlorofluoromethane	<39	cn	240	39	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Dichlorodifluoromethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Freon 113	<34	cn	480	34	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,2-Dichloropropane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
2-Butanone	<96	cn	480	96	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,1,2-Trichloroethane	<24	cn	240	24	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Trichloroethene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Methyl acetate	<48	cn	240	48	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,1,2,2-Tetrachloroethane	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,2-Dichlorobenzene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
1,2-Dibromo-3-Chloropropane	<48	cn	240	48	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Isopropylbenzene	<29	cn	240	29	ug/Kg	☆	06/06/24 23:01	06/13/24 15:58	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88	cn	54 - 135				06/06/24 23:01	06/13/24 15:58	50
Dibromofluoromethane (Surr)	83	cn	50 - 141				06/06/24 23:01	06/13/24 15:58	50
4-Bromofluorobenzene (Surr)	87	cn	50 - 131				06/06/24 23:01	06/13/24 15:58	50
Toluene-d8 (Surr)	87	cn	52 - 141				06/06/24 23:01	06/13/24 15:58	50

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Date Collected: 05/31/24 12:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,2'-oxybis[1-chloropropane]	<20		44	20	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,4,5-Trichlorophenol	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,4,6-Trichlorophenol	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,4-Dichlorophenol	<20		44	20	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,4-Dimethylphenol	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,4-Dinitrophenol	<170		1000	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,4-Dinitrotoluene	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2,6-Dinitrotoluene	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2-Chloronaphthalene	<13		34	13	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2-Chlorophenol	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2-Methylnaphthalene	<5.1		17	5.1	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2-Methylphenol	<20		51	20	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2-Nitroaniline	<17		51	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
2-Nitrophenol	<20		51	20	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
3,3'-Dichlorobenzidine	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
3-Nitroaniline	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4,6-Dinitro-2-methylphenol	<170		510	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4-Bromophenyl phenyl ether	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4-Chloro-3-methylphenol	<20		51	20	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4-Chloroaniline	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4-Chlorophenyl phenyl ether	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
3,4-Methylphenol	<17		51	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4-Nitroaniline	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
4-Nitrophenol	<170		510	170	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Acenaphthene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Acenaphthylene	<4.0		17	4.0	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Acetophenone	<17		51	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Anthracene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Atrazine	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Benzaldehyde	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Benzo[a]anthracene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Benzo[a]pyrene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Benzo[b]fluoranthene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Benzo[g,h,i]perylene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Benzo[k]fluoranthene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Bis(2-chloroethoxy)methane	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Bis(2-chloroethyl)ether	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Bis(2-ethylhexyl) phthalate	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Butyl benzyl phthalate	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Caprolactam	<34		170	34	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Carbazole	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Chrysene	<3.4		17	3.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Di-n-butyl phthalate	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Di-n-octyl phthalate	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Dibenz(a,h)anthracene	<6.7		17	6.7	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Dibenzofuran	<17		37	17	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Diethyl phthalate	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1
Dimethyl phthalate	<67		170	67	ug/Kg	☆	06/12/24 16:05	06/13/24 18:30	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Date Collected: 05/31/24 12:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<3.4		17	3.4	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Fluorene	<3.4		17	3.4	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Hexachlorobenzene	<6.7		17	6.7	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Hexachlorobutadiene	<20		51	20	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Hexachlorocyclopentadiene	<170	cn	510	170	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Hexachloroethane	<34		170	34	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Indeno[1,2,3-cd]pyrene	<4.0		17	4.0	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Isophorone	<17		67	17	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
N-Nitrosodi-n-propylamine	<34		67	34	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
N-Nitrosodiphenylamine	<17		37	17	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Naphthalene	<6.7		17	6.7	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Nitrobenzene	<17		37	17	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Pentachlorophenol	<67		170	67	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Phenanthrene	<4.0		17	4.0	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Phenol	<17		37	17	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1
Pyrene	<3.4		17	3.4	ug/Kg	☼	06/12/24 16:05	06/13/24 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	87		29 - 120	06/12/24 16:05	06/13/24 18:30	1
2-Fluorophenol (Surr)	81		18 - 120	06/12/24 16:05	06/13/24 18:30	1
Nitrobenzene-d5 (Surr)	83		22 - 120	06/12/24 16:05	06/13/24 18:30	1
p-Terphenyl-d14 (Surr)	99		36 - 123	06/12/24 16:05	06/13/24 18:30	1
2,4,6-Tribromophenol (Surr)	88		13 - 127	06/12/24 16:05	06/13/24 18:30	1
Phenol-d5 (Surr)	85		20 - 120	06/12/24 16:05	06/13/24 18:30	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.1		0.20	0.077	mg/Kg	☼	06/05/24 08:40	06/11/24 14:16	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			06/04/24 11:50	1

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Date Collected: 05/31/24 12:10

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
trans-1,3-Dichloropropene	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
Ethylbenzene	<17	cn	210	17	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
Styrene	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
1,4-Dichlorobenzene	<21	cn	210	21	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
1,2-Dibromoethane	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
1,2-Dichloroethane	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
4-Methyl-2-pentanone	<64	cn	430	64	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
Methylcyclohexane	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
Toluene	<26	cn	210	26	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
Chlorobenzene	<21	cn	210	21	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50
Cyclohexane	<21	cn	210	21	ug/Kg	☼	06/06/24 23:01	06/13/24 16:19	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Date Collected: 05/31/24 12:10

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<210	cn	430	210	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Dibromochloromethane	<85	cn	210	85	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Xylenes, Total	<60	cn	210	60	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Tetrachloroethene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
cis-1,2-Dichloroethene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
trans-1,2-Dichloroethene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Methyl tertiary butyl ether	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,3-Dichlorobenzene	<21	cn	210	21	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Carbon tetrachloride	<85	cn	210	85	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
2-Hexanone	<64	cn	430	64	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Acetone	<260	cn	850	260	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Chloroform	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Benzene	<21	cn	210	21	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,1,1-Trichloroethane	<30	cn	210	30	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Bromomethane	<68	cn	210	68	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Chloromethane	<38	cn	210	38	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Chloroethane	<64	cn	210	64	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Vinyl chloride	<34	cn	210	34	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Methylene Chloride	<85	cn	210	85	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Carbon disulfide	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Bromoform	<210	cn	430	210	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Bromodichloromethane	<30	cn	210	30	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,1-Dichloroethane	<21	cn	210	21	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,1-Dichloroethene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Trichlorofluoromethane	<34	cn	210	34	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Dichlorodifluoromethane	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Freon 113	<30	cn	430	30	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,2-Dichloropropane	<21	cn	210	21	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
2-Butanone	<85	cn	430	85	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,1,2-Trichloroethane	<21	cn	210	21	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Trichloroethene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Methyl acetate	<43	cn	210	43	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,1,2,2-Tetrachloroethane	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,2-Dichlorobenzene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
1,2-Dibromo-3-Chloropropane	<43	cn	210	43	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50
Isopropylbenzene	<26	cn	210	26	ug/Kg	☆	06/06/24 23:01	06/13/24 16:19	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87	cn	54 - 135	06/06/24 23:01	06/13/24 16:19	50
Dibromofluoromethane (Surr)	82	cn	50 - 141	06/06/24 23:01	06/13/24 16:19	50
4-Bromofluorobenzene (Surr)	85	cn	50 - 131	06/06/24 23:01	06/13/24 16:19	50
Toluene-d8 (Surr)	84	cn	52 - 141	06/06/24 23:01	06/13/24 16:19	50

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,2'-oxybis[1-chloropropane]	<21		47	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,4,5-Trichlorophenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,4,6-Trichlorophenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,4-Dichlorophenol	<21		47	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Date Collected: 05/31/24 12:10

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,4-Dinitrophenol	<180		1100	180	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,4-Dinitrotoluene	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2,6-Dinitrotoluene	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2-Chloronaphthalene	<14		36	14	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2-Chlorophenol	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2-Methylnaphthalene	<5.4		18	5.4	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2-Methylphenol	<21		54	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2-Nitroaniline	<18		54	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
2-Nitrophenol	<21		54	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
3,3'-Dichlorobenzidine	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
3-Nitroaniline	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4,6-Dinitro-2-methylphenol	<180		540	180	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4-Bromophenyl phenyl ether	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4-Chloro-3-methylphenol	<21		54	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4-Chloroaniline	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4-Chlorophenyl phenyl ether	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
3,4-Methylphenol	<18		54	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4-Nitroaniline	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
4-Nitrophenol	<180		540	180	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Acenaphthene	<3.6		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Acenaphthylene	<4.3		18	4.3	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Acetophenone	<18		54	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Anthracene	5.9 J		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Atrazine	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Benzaldehyde	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Benzo[a]anthracene	26		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Benzo[a]pyrene	34		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Benzo[b]fluoranthene	40		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Benzo[g,h,i]perylene	34		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Benzo[k]fluoranthene	16 J		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Bis(2-chloroethoxy)methane	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Bis(2-chloroethyl)ether	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Bis(2-ethylhexyl) phthalate	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Butyl benzyl phthalate	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Caprolactam	<36		180	36	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Carbazole	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Chrysene	34		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Di-n-butyl phthalate	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Di-n-octyl phthalate	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Dibenz(a,h)anthracene	9.0 J		18	7.2	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Dibenzofuran	<18		39	18	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Diethyl phthalate	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Dimethyl phthalate	<72		180	72	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Fluoranthene	53		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Fluorene	3.8 J		18	3.6	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Hexachlorobenzene	<7.2		18	7.2	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Hexachlorobutadiene	<21		54	21	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1
Hexachlorocyclopentadiene	<180 cn		540	180	ug/Kg	☆	06/12/24 16:05	06/13/24 18:54	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Date Collected: 05/31/24 12:10

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<36		180	36	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Indeno[1,2,3-cd]pyrene	23		18	4.3	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Isophorone	<18		72	18	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
N-Nitrosodi-n-propylamine	<36		72	36	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
N-Nitrosodiphenylamine	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Naphthalene	<7.2		18	7.2	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Nitrobenzene	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Pentachlorophenol	<72		180	72	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Phenanthrene	20		18	4.3	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Phenol	<18		39	18	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1
Pyrene	47		18	3.6	ug/Kg	☼	06/12/24 16:05	06/13/24 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		29 - 120	06/12/24 16:05	06/13/24 18:54	1
2-Fluorophenol (Surr)	73		18 - 120	06/12/24 16:05	06/13/24 18:54	1
Nitrobenzene-d5 (Surr)	79		22 - 120	06/12/24 16:05	06/13/24 18:54	1
p-Terphenyl-d14 (Surr)	93		36 - 123	06/12/24 16:05	06/13/24 18:54	1
2,4,6-Tribromophenol (Surr)	81		13 - 127	06/12/24 16:05	06/13/24 18:54	1
Phenol-d5 (Surr)	77		20 - 120	06/12/24 16:05	06/13/24 18:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		0.33	0.11	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2
Cadmium	0.056	J	0.084	0.033	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2
Lead	9.5		0.17	0.064	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2
Selenium	0.13	J	0.33	0.084	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2
Silver	<0.034		0.084	0.034	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2
Chromium	14		0.33	0.16	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2
Barium	28		0.33	0.15	mg/Kg	☼	06/05/24 08:40	06/11/24 14:18	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.021		0.064	0.021	mg/Kg	☼	06/05/24 10:15	06/06/24 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			06/04/24 11:50	1

Surrogate Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (54-135)	DBFM (50-141)	BFB (50-131)	TOL (52-141)
410-174105-4	SB-2	88 cn	82 cn	87 cn	85 cn
410-174105-5	SB-5	87 cn	81 cn	85 cn	85 cn
410-174105-6	SB-6	93 cn	86 cn	91 cn	90 cn
410-174105-7	SB-7	85 cn	80 cn	82 cn	83 cn
410-174105-8	SB-8	88 cn	83 cn	87 cn	87 cn
410-174105-9	SB-10	87 cn	82 cn	85 cn	84 cn
LCS 410-516956/5	Lab Control Sample	97	96	98	97
LCSD 410-516956/7	Lab Control Sample Dup	96	94	96	95
MB 410-516956/8	Method Blank	97	93	99	98
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
DBFM = Dibromofluoromethane (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	DBFM (80-120)	BFB (80-120)	TOL (80-120)
410-174105-1	Trip Blank	104	104	91	97
410-174105-2	GW1	103 cn	104 cn	92 cn	95 cn
410-174105-2 MS	GW1	99	100	90	96
410-174105-2 MSD	GW1	101	102	92	97
410-174105-3	GW2	105 cn	105 cn	91 cn	97 cn
LCS 410-516696/4	Lab Control Sample	101	100	92	96
MB 410-516696/6	Method Blank	105	103	92	96
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
DBFM = Dibromofluoromethane (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (29-120)	2FP (18-120)	NBZ (22-120)	TPHd14 (36-123)	TBP (13-127)	PHL (20-120)
410-174105-4	SB-2	72	65	70	90	78	67
410-174105-5	SB-5	78	71	65	92	79	74
410-174105-6	SB-6	83	74	62	93	88	77
410-174105-7	SB-7	86	78	82	99	89	82
410-174105-8	SB-8	87	81	83	99	88	85
410-174105-9	SB-10	83	73	79	93	81	77
LCS 410-516620/2-A	Lab Control Sample	83	80	82	98	92	82
MB 410-516620/1-A	Method Blank	88	80	84	102	90	82
Surrogate Legend							

Eurofins Lancaster Laboratories Environment Testing, LLC

Surrogate Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

- FBP = 2-Fluorobiphenyl (Surr)
- 2FP = 2-Fluorophenol (Surr)
- NBZ = Nitrobenzene-d5 (Surr)
- TPHd14 = p-Terphenyl-d14 (Surr)
- TBP = 2,4,6-Tribromophenol (Surr)
- PHL = Phenol-d5 (Surr)

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP	2FP	NBZ	TPHd14	TBP	PHL
		(28-120)	(10-120)	(18-120)	(22-120)	(16-120)	(10-120)
410-174105-2	GW1	74 cn	32 cn	55 cn	41 cn	65 cn	26 cn
410-174105-3	GW2	80 cn	46 cn	69 cn	60 cn	91 cn	29 cn
410-174105-3	GW2	81 cn	52 cn	63 cn	53 cn	72 cn	38 cn
LCS 410-514320/2-A	Lab Control Sample	93	58	66	89	86	41
LCS 410-514592/2-A	Lab Control Sample	80	43	82	91	90	31
LCSD 410-514320/3-A	Lab Control Sample Dup	88	63	63	100	94	46
MB 410-514320/1-A	Method Blank	105	54	85	86	109	35
MB 410-514592/1-A	Method Blank	16 S1-	9 S1-	15 S1-	18 S1-	11 S1-	7 S1-
Surrogate Legend							
FBP = 2-Fluorobiphenyl (Surr)							
2FP = 2-Fluorophenol (Surr)							
NBZ = Nitrobenzene-d5 (Surr)							
TPHd14 = p-Terphenyl-d14 (Surr)							
TBP = 2,4,6-Tribromophenol (Surr)							
PHL = Phenol-d5 (Surr)							

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-516696/6

Matrix: Water

Analysis Batch: 516696

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.20		1.0	0.20	ug/L			06/12/24 21:55	1
trans-1,3-Dichloropropene	<0.20		1.0	0.20	ug/L			06/12/24 21:55	1
Ethylbenzene	<0.40		1.0	0.40	ug/L			06/12/24 21:55	1
Styrene	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1
1,4-Dichlorobenzene	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1
1,2-Dibromoethane	<0.20		1.0	0.20	ug/L			06/12/24 21:55	1
1,2-Dichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
4-Methyl-2-pentanone	<0.50		10	0.50	ug/L			06/12/24 21:55	1
Methylcyclohexane	<0.50		5.0	0.50	ug/L			06/12/24 21:55	1
Toluene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Chlorobenzene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Cyclohexane	<1.0		5.0	1.0	ug/L			06/12/24 21:55	1
1,2,4-Trichlorobenzene	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1
Dibromochloromethane	<0.20		1.0	0.20	ug/L			06/12/24 21:55	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/12/24 21:55	1
Tetrachloroethene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
cis-1,2-Dichloroethene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
trans-1,2-Dichloroethene	<0.70		2.0	0.70	ug/L			06/12/24 21:55	1
Methyl tertiary butyl ether	<0.20		1.0	0.20	ug/L			06/12/24 21:55	1
1,3-Dichlorobenzene	<0.68		5.0	0.68	ug/L			06/12/24 21:55	1
Carbon tetrachloride	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
2-Hexanone	<0.85		10	0.85	ug/L			06/12/24 21:55	1
Acetone	<0.70		20	0.70	ug/L			06/12/24 21:55	1
Chloroform	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Benzene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
1,1,1-Trichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Bromomethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Chloromethane	<0.55		2.0	0.55	ug/L			06/12/24 21:55	1
Chloroethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Vinyl chloride	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Methylene Chloride	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Carbon disulfide	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1
Bromoform	<1.0		4.0	1.0	ug/L			06/12/24 21:55	1
Bromodichloromethane	<0.20		1.0	0.20	ug/L			06/12/24 21:55	1
1,1-Dichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
1,1-Dichloroethene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Trichlorofluoromethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Dichlorodifluoromethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Freon 113	<0.30		10	0.30	ug/L			06/12/24 21:55	1
1,2-Dichloropropane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
2-Butanone	<0.50		10	0.50	ug/L			06/12/24 21:55	1
1,1,2-Trichloroethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Trichloroethene	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
Methyl acetate	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1
1,1,2,2-Tetrachloroethane	<0.30		1.0	0.30	ug/L			06/12/24 21:55	1
1,2-Dichlorobenzene	<0.20		5.0	0.20	ug/L			06/12/24 21:55	1
1,2-Dibromo-3-Chloropropane	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1
Isopropylbenzene	<0.30		5.0	0.30	ug/L			06/12/24 21:55	1

Euofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-516696/6

Matrix: Water

Analysis Batch: 516696

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
t-Butyl alcohol	<12		50	12	ug/L			06/12/24 21:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		06/12/24 21:55	1
Dibromofluoromethane (Surr)	103		80 - 120		06/12/24 21:55	1
4-Bromofluorobenzene (Surr)	92		80 - 120		06/12/24 21:55	1
Toluene-d8 (Surr)	96		80 - 120		06/12/24 21:55	1

Lab Sample ID: LCS 410-516696/4

Matrix: Water

Analysis Batch: 516696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	20.0	16.4		ug/L		82	75 - 120
trans-1,3-Dichloropropene	20.0	17.9		ug/L		89	67 - 120
Ethylbenzene	20.0	19.3		ug/L		96	80 - 120
Styrene	20.0	19.5		ug/L		98	80 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
1,2-Dibromoethane	20.0	19.6		ug/L		98	77 - 120
1,2-Dichloroethane	20.0	18.1		ug/L		90	73 - 124
4-Methyl-2-pentanone	250	170		ug/L		68	62 - 133
Methylcyclohexane	20.0	17.6		ug/L		88	67 - 121
Toluene	20.0	19.3		ug/L		97	80 - 120
Chlorobenzene	20.0	19.9		ug/L		100	80 - 120
Cyclohexane	20.0	15.9		ug/L		79	68 - 126
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	63 - 120
Dibromochloromethane	20.0	20.1		ug/L		100	71 - 120
Xylenes, Total	60.0	58.2		ug/L		97	80 - 120
Tetrachloroethene	20.0	19.7		ug/L		99	80 - 120
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	80 - 125
trans-1,2-Dichloroethene	20.0	20.7		ug/L		103	80 - 126
Methyl tertiary butyl ether	20.0	16.9		ug/L		85	69 - 122
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
Carbon tetrachloride	20.0	19.0		ug/L		95	64 - 134
2-Hexanone	250	184		ug/L		74	56 - 135
Acetone	250	273		ug/L		109	57 - 143
Chloroform	20.0	17.3		ug/L		86	80 - 120
Benzene	20.0	19.4		ug/L		97	80 - 120
1,1,1-Trichloroethane	20.0	18.5		ug/L		93	73 - 120
Bromomethane	20.0	16.0		ug/L		80	53 - 128
Chloromethane	20.0	13.9		ug/L		69	39 - 134
Chloroethane	20.0	15.6		ug/L		78	55 - 123
Vinyl chloride	20.0	13.7		ug/L		68	56 - 120
Methylene Chloride	20.0	19.6		ug/L		98	80 - 120
Carbon disulfide	20.0	18.4		ug/L		92	65 - 128
Bromoform	20.0	20.9		ug/L		105	51 - 120
Bromodichloromethane	20.0	18.4		ug/L		92	71 - 120
1,1-Dichloroethane	20.0	18.5		ug/L		92	80 - 120

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCS 410-516696/4

Matrix: Water

Analysis Batch: 516696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	19.7		ug/L		98	80 - 131
Trichlorofluoromethane	20.0	15.9		ug/L		80	51 - 120
Dichlorodifluoromethane	20.0	14.1		ug/L		71	26 - 127
Freon 113	20.0	16.1		ug/L		80	57 - 122
1,2-Dichloropropane	20.0	18.5		ug/L		92	80 - 120
2-Butanone	250	180		ug/L		72	59 - 135
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	80 - 120
Trichloroethene	20.0	19.4		ug/L		97	80 - 120
Methyl acetate	20.0	19.3		ug/L		96	48 - 168
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		94	72 - 120
1,2-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.6		ug/L		83	60 - 120
Isopropylbenzene	20.0	20.1		ug/L		101	80 - 120
t-Butyl alcohol	200	171		ug/L		86	60 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	92		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 410-174105-2 MS

Matrix: Water

Analysis Batch: 516696

Client Sample ID: GW1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	<1.0	cn	100	91.1		ug/L		91	71 - 120
trans-1,3-Dichloropropene	<1.0	cn	100	90.1		ug/L		90	72 - 120
Ethylbenzene	<2.0	cn	100	101		ug/L		101	78 - 120
Styrene	<1.5	cn	100	102		ug/L		102	78 - 120
1,4-Dichlorobenzene	<1.5	cn	100	102		ug/L		102	79 - 120
1,2-Dibromoethane	<1.0	cn	100	99.3		ug/L		99	80 - 120
1,2-Dichloroethane	<1.5	cn	100	91.3		ug/L		91	69 - 120
4-Methyl-2-pentanone	<2.5	cn	1250	916		ug/L		73	66 - 129
Methylcyclohexane	<2.5	cn	100	105		ug/L		105	60 - 126
Toluene	<1.5	cn	100	103		ug/L		103	79 - 120
Chlorobenzene	<1.5	cn	100	104		ug/L		104	80 - 120
Cyclohexane	<5.0	cn	100	92.5		ug/L		92	63 - 126
1,2,4-Trichlorobenzene	<1.5	cn	100	93.8		ug/L		94	65 - 123
Dibromochloromethane	<1.0	cn	100	101		ug/L		101	74 - 120
Xylenes, Total	<2.0	cn	300	308		ug/L		103	78 - 120
Tetrachloroethene	<1.5	cn	100	108		ug/L		108	68 - 125
cis-1,2-Dichloroethene	<1.5	cn	100	108		ug/L		108	81 - 121
trans-1,2-Dichloroethene	<3.5	cn	100	114		ug/L		114	74 - 120
Methyl tertiary butyl ether	<1.0	cn	100	87.1		ug/L		87	75 - 120
1,3-Dichlorobenzene	<3.4	cn	100	102		ug/L		102	77 - 120
Carbon tetrachloride	<1.5	cn	100	108		ug/L		108	63 - 128
2-Hexanone	<4.3	cn	1250	929		ug/L		74	67 - 132

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: 410-174105-2 MS

Matrix: Water

Analysis Batch: 516696

Client Sample ID: GW1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	28	J cn	1250	1180		ug/L		92	58 - 141
Chloroform	<1.5	cn	100	91.9		ug/L		92	74 - 120
Benzene	<1.5	cn	100	103		ug/L		103	81 - 120
1,1,1-Trichloroethane	<1.5	cn	100	101		ug/L		101	68 - 120
Bromomethane	<1.5	cn	100	96.4		ug/L		96	43 - 128
Chloromethane	<2.8	cn	100	86.5		ug/L		87	49 - 126
Chloroethane	<1.5	cn	100	94.2		ug/L		94	60 - 121
Vinyl chloride	<1.5	cn	100	87.6		ug/L		88	52 - 120
Methylene Chloride	<1.5	cn	100	104		ug/L		104	77 - 120
Carbon disulfide	<1.5	cn	100	107		ug/L		107	75 - 132
Bromoform	<5.0	cn	100	105		ug/L		105	64 - 125
Bromodichloromethane	<1.0	cn	100	99.9		ug/L		100	73 - 120
1,1-Dichloroethane	<1.5	cn	100	101		ug/L		101	74 - 120
1,1-Dichloroethene	<1.5	cn	100	113		ug/L		113	74 - 121
Trichlorofluoromethane	<1.5	cn	100	98.6		ug/L		99	47 - 120
Dichlorodifluoromethane	<1.5	cn	100	98.7		ug/L		99	27 - 131
Freon 113	<1.5	cn	100	95.6		ug/L		96	64 - 131
1,2-Dichloropropane	<1.5	cn	100	97.1		ug/L		97	77 - 120
2-Butanone	<2.5	cn	1250	910		ug/L		73	65 - 131
1,1,2-Trichloroethane	<1.5	cn	100	100		ug/L		100	80 - 120
Trichloroethene	<1.5	cn	100	104		ug/L		104	76 - 120
Methyl acetate	<1.5	cn	100	93.2		ug/L		93	59 - 165
1,1,1,2-Tetrachloroethane	<1.5	cn	100	96.6		ug/L		97	71 - 122
1,2-Dichlorobenzene	<1.0	cn	100	99.5		ug/L		99	75 - 120
1,2-Dibromo-3-Chloropropane	<1.5	cn	100	83.0		ug/L		83	57 - 120
Isopropylbenzene	<1.5	cn	100	106		ug/L		106	75 - 121
t-Butyl alcohol	<60	cn	1000	762		ug/L		76	60 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	90		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 410-174105-2 MSD

Matrix: Water

Analysis Batch: 516696

Client Sample ID: GW1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	<1.0	cn	100	89.3		ug/L		89	71 - 120	2	30
trans-1,3-Dichloropropene	<1.0	cn	100	89.4		ug/L		89	72 - 120	1	30
Ethylbenzene	<2.0	cn	100	101		ug/L		101	78 - 120	1	30
Styrene	<1.5	cn	100	103		ug/L		103	78 - 120	1	30
1,4-Dichlorobenzene	<1.5	cn	100	104		ug/L		104	79 - 120	2	30
1,2-Dibromoethane	<1.0	cn	100	99.7		ug/L		100	80 - 120	0	30
1,2-Dichloroethane	<1.5	cn	100	92.6		ug/L		93	69 - 120	1	30
4-Methyl-2-pentanone	<2.5	cn	1250	930		ug/L		74	66 - 129	1	30
Methylcyclohexane	<2.5	cn	100	106		ug/L		106	60 - 126	1	30

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: 410-174105-2 MSD

Matrix: Water

Analysis Batch: 516696

Client Sample ID: GW1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	<1.5	cn	100	103		ug/L		103	79 - 120	0	30
Chlorobenzene	<1.5	cn	100	104		ug/L		104	80 - 120	0	30
Cyclohexane	<5.0	cn	100	95.6		ug/L		96	63 - 126	3	30
1,2,4-Trichlorobenzene	<1.5	cn	100	99.3		ug/L		99	65 - 123	6	30
Dibromochloromethane	<1.0	cn	100	104		ug/L		104	74 - 120	3	30
Xylenes, Total	<2.0	cn	300	312		ug/L		104	78 - 120	1	30
Tetrachloroethene	<1.5	cn	100	108		ug/L		108	68 - 125	0	30
cis-1,2-Dichloroethene	<1.5	cn	100	109		ug/L		109	81 - 121	1	30
trans-1,2-Dichloroethene	<3.5	cn	100	111		ug/L		111	74 - 120	2	30
Methyl tertiary butyl ether	<1.0	cn	100	87.2		ug/L		87	75 - 120	0	30
1,3-Dichlorobenzene	<3.4	cn	100	103		ug/L		103	77 - 120	0	30
Carbon tetrachloride	<1.5	cn	100	109		ug/L		109	63 - 128	1	30
2-Hexanone	<4.3	cn	1250	934		ug/L		75	67 - 132	1	30
Acetone	28	J cn	1250	1380		ug/L		108	58 - 141	16	30
Chloroform	<1.5	cn	100	90.0		ug/L		90	74 - 120	2	30
Benzene	<1.5	cn	100	104		ug/L		104	81 - 120	1	30
1,1,1-Trichloroethane	<1.5	cn	100	103		ug/L		103	68 - 120	2	30
Bromomethane	<1.5	cn	100	103		ug/L		103	43 - 128	6	30
Chloromethane	<2.8	cn	100	90.0		ug/L		90	49 - 126	4	30
Chloroethane	<1.5	cn	100	101		ug/L		101	60 - 121	6	30
Vinyl chloride	<1.5	cn	100	92.8		ug/L		93	52 - 120	6	30
Methylene Chloride	<1.5	cn	100	106		ug/L		106	77 - 120	2	30
Carbon disulfide	<1.5	cn	100	109		ug/L		109	75 - 132	2	30
Bromoform	<5.0	cn	100	105		ug/L		105	64 - 125	0	30
Bromodichloromethane	<1.0	cn	100	100		ug/L		100	73 - 120	0	30
1,1-Dichloroethane	<1.5	cn	100	101		ug/L		101	74 - 120	0	30
1,1-Dichloroethene	<1.5	cn	100	116		ug/L		116	74 - 121	2	30
Trichlorofluoromethane	<1.5	cn	100	102		ug/L		102	47 - 120	3	30
Dichlorodifluoromethane	<1.5	cn	100	106		ug/L		106	27 - 131	7	30
Freon 113	<1.5	cn	100	97.6		ug/L		98	64 - 131	2	30
1,2-Dichloropropane	<1.5	cn	100	96.5		ug/L		96	77 - 120	1	30
2-Butanone	<2.5	cn	1250	920		ug/L		74	65 - 131	1	30
1,1,2-Trichloroethane	<1.5	cn	100	101		ug/L		101	80 - 120	1	30
Trichloroethene	<1.5	cn	100	105		ug/L		105	76 - 120	1	30
Methyl acetate	<1.5	cn	100	94.1		ug/L		94	59 - 165	1	30
1,1,2,2-Tetrachloroethane	<1.5	cn	100	99.0		ug/L		99	71 - 122	2	30
1,2-Dichlorobenzene	<1.0	cn	100	100		ug/L		100	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	<1.5	cn	100	84.6		ug/L		85	57 - 120	2	30
Isopropylbenzene	<1.5	cn	100	108		ug/L		108	75 - 121	3	30
t-Butyl alcohol	<60	cn	1000	832		ug/L		83	60 - 125	9	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	92		80 - 120
Toluene-d8 (Surr)	97		80 - 120

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-516956/8

Matrix: Solid

Analysis Batch: 516956

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<30		250	30	ug/Kg			06/13/24 12:08	50
trans-1,3-Dichloropropene	<30		250	30	ug/Kg			06/13/24 12:08	50
Ethylbenzene	<20		250	20	ug/Kg			06/13/24 12:08	50
Styrene	<30		250	30	ug/Kg			06/13/24 12:08	50
1,4-Dichlorobenzene	<25		250	25	ug/Kg			06/13/24 12:08	50
1,2-Dibromoethane	<30		250	30	ug/Kg			06/13/24 12:08	50
1,2-Dichloroethane	<30		250	30	ug/Kg			06/13/24 12:08	50
4-Methyl-2-pentanone	<75		500	75	ug/Kg			06/13/24 12:08	50
Methylcyclohexane	<30		250	30	ug/Kg			06/13/24 12:08	50
Toluene	<30		250	30	ug/Kg			06/13/24 12:08	50
Chlorobenzene	<25		250	25	ug/Kg			06/13/24 12:08	50
Cyclohexane	<25		250	25	ug/Kg			06/13/24 12:08	50
1,2,4-Trichlorobenzene	<250		500	250	ug/Kg			06/13/24 12:08	50
Dibromochloromethane	<100		250	100	ug/Kg			06/13/24 12:08	50
Xylenes, Total	<70		250	70	ug/Kg			06/13/24 12:08	50
Tetrachloroethene	<30		250	30	ug/Kg			06/13/24 12:08	50
cis-1,2-Dichloroethene	<30		250	30	ug/Kg			06/13/24 12:08	50
trans-1,2-Dichloroethene	<30		250	30	ug/Kg			06/13/24 12:08	50
Methyl tertiary butyl ether	<30		250	30	ug/Kg			06/13/24 12:08	50
1,3-Dichlorobenzene	<25		250	25	ug/Kg			06/13/24 12:08	50
Carbon tetrachloride	<100		250	100	ug/Kg			06/13/24 12:08	50
2-Hexanone	<75		500	75	ug/Kg			06/13/24 12:08	50
Acetone	<300		1000	300	ug/Kg			06/13/24 12:08	50
Chloroform	<30		250	30	ug/Kg			06/13/24 12:08	50
Benzene	<25		250	25	ug/Kg			06/13/24 12:08	50
1,1,1-Trichloroethane	<35		250	35	ug/Kg			06/13/24 12:08	50
Bromomethane	<80		250	80	ug/Kg			06/13/24 12:08	50
Chloromethane	<45		250	45	ug/Kg			06/13/24 12:08	50
Chloroethane	<75		250	75	ug/Kg			06/13/24 12:08	50
Vinyl chloride	<40		250	40	ug/Kg			06/13/24 12:08	50
Methylene Chloride	<100		250	100	ug/Kg			06/13/24 12:08	50
Carbon disulfide	<30		250	30	ug/Kg			06/13/24 12:08	50
Bromoform	<250		500	250	ug/Kg			06/13/24 12:08	50
Bromodichloromethane	<35		250	35	ug/Kg			06/13/24 12:08	50
1,1-Dichloroethane	<25		250	25	ug/Kg			06/13/24 12:08	50
1,1-Dichloroethene	<30		250	30	ug/Kg			06/13/24 12:08	50
Trichlorofluoromethane	<40		250	40	ug/Kg			06/13/24 12:08	50
Dichlorodifluoromethane	<30		250	30	ug/Kg			06/13/24 12:08	50
Freon 113	<35		500	35	ug/Kg			06/13/24 12:08	50
1,2-Dichloropropane	<25		250	25	ug/Kg			06/13/24 12:08	50
2-Butanone	<100		500	100	ug/Kg			06/13/24 12:08	50
1,1,2-Trichloroethane	<25		250	25	ug/Kg			06/13/24 12:08	50
Trichloroethene	<30		250	30	ug/Kg			06/13/24 12:08	50
Methyl acetate	<50		250	50	ug/Kg			06/13/24 12:08	50
1,1,2,2-Tetrachloroethane	<30		250	30	ug/Kg			06/13/24 12:08	50
1,2-Dichlorobenzene	<30		250	30	ug/Kg			06/13/24 12:08	50
1,2-Dibromo-3-Chloropropane	<50		250	50	ug/Kg			06/13/24 12:08	50
Isopropylbenzene	<30		250	30	ug/Kg			06/13/24 12:08	50

Eurolins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-516956/8

Matrix: Solid

Analysis Batch: 516956

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		54 - 135		06/13/24 12:08	50
Dibromofluoromethane (Surr)	93		50 - 141		06/13/24 12:08	50
4-Bromofluorobenzene (Surr)	99		50 - 131		06/13/24 12:08	50
Toluene-d8 (Surr)	98		52 - 141		06/13/24 12:08	50

Lab Sample ID: LCS 410-516956/5

Matrix: Solid

Analysis Batch: 516956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	1000	1060		ug/Kg		106	66 - 120
trans-1,3-Dichloropropene	1000	1030		ug/Kg		103	68 - 122
Ethylbenzene	1000	1040		ug/Kg		104	78 - 120
Styrene	1000	1020		ug/Kg		102	76 - 120
1,4-Dichlorobenzene	1000	989		ug/Kg		99	80 - 120
1,2-Dibromoethane	1000	1020		ug/Kg		102	76 - 120
1,2-Dichloroethane	1000	1020		ug/Kg		102	71 - 128
4-Methyl-2-pentanone	12500	13500		ug/Kg		108	67 - 128
Methylcyclohexane	1000	889		ug/Kg		89	61 - 124
Toluene	1000	1030		ug/Kg		103	80 - 120
Chlorobenzene	1000	1010		ug/Kg		101	80 - 120
Cyclohexane	1000	921		ug/Kg		92	58 - 126
1,2,4-Trichlorobenzene	1000	974		ug/Kg		97	56 - 130
Dibromochloromethane	1000	959		ug/Kg		96	69 - 125
Xylenes, Total	3000	3070		ug/Kg		102	75 - 120
Tetrachloroethene	1000	994		ug/Kg		99	73 - 120
cis-1,2-Dichloroethene	1000	1040		ug/Kg		104	80 - 125
trans-1,2-Dichloroethene	1000	1030		ug/Kg		103	80 - 126
Methyl tertiary butyl ether	1000	977		ug/Kg		98	72 - 120
1,3-Dichlorobenzene	1000	994		ug/Kg		99	75 - 120
Carbon tetrachloride	1000	1040		ug/Kg		104	64 - 134
2-Hexanone	12500	12900		ug/Kg		103	54 - 140
Acetone	12500	12200		ug/Kg		98	41 - 150
Chloroform	1000	1030		ug/Kg		103	80 - 120
Benzene	1000	1040		ug/Kg		104	80 - 120
1,1,1-Trichloroethane	1000	1110		ug/Kg		111	69 - 123
Bromomethane	1000	1080		ug/Kg		108	45 - 140
Chloromethane	1000	879		ug/Kg		88	56 - 120
Chloroethane	1000	1180		ug/Kg		118	43 - 135
Vinyl chloride	1000	924		ug/Kg		92	52 - 120
Methylene Chloride	1000	1040		ug/Kg		104	76 - 122
Carbon disulfide	1000	961		ug/Kg		96	64 - 133
Bromoform	1000	1040		ug/Kg		104	51 - 127
Bromodichloromethane	1000	1120		ug/Kg		112	70 - 120
1,1-Dichloroethane	1000	1070		ug/Kg		107	79 - 120
1,1-Dichloroethene	1000	1040		ug/Kg		104	73 - 129
Trichlorofluoromethane	1000	908		ug/Kg		91	55 - 134
Dichlorodifluoromethane	1000	646		ug/Kg		65	21 - 127

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCS 410-516956/5

Matrix: Solid

Analysis Batch: 516956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Freon 113	1000	800		ug/Kg		80	64 - 135
1,2-Dichloropropane	1000	1060		ug/Kg		106	80 - 120
2-Butanone	12500	11200		ug/Kg		90	57 - 128
1,1,2-Trichloroethane	1000	1030		ug/Kg		103	80 - 120
Trichloroethene	1000	1030		ug/Kg		103	80 - 120
Methyl acetate	1000	1050		ug/Kg		105	67 - 128
1,1,2,2-Tetrachloroethane	1000	1030		ug/Kg		103	69 - 125
1,2-Dichlorobenzene	1000	981		ug/Kg		98	76 - 120
1,2-Dibromo-3-Chloropropane	1000	914		ug/Kg		91	48 - 134
Isopropylbenzene	1000	1090		ug/Kg		109	77 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		54 - 135
Dibromofluoromethane (Surr)	96		50 - 141
4-Bromofluorobenzene (Surr)	98		50 - 131
Toluene-d8 (Surr)	97		52 - 141

Lab Sample ID: LCSD 410-516956/7

Matrix: Solid

Analysis Batch: 516956

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
cis-1,3-Dichloropropene	1000	1030		ug/Kg		103	66 - 120	4	30
trans-1,3-Dichloropropene	1000	1030		ug/Kg		103	68 - 122	0	30
Ethylbenzene	1000	1010		ug/Kg		101	78 - 120	3	30
Styrene	1000	1000		ug/Kg		100	76 - 120	2	30
1,4-Dichlorobenzene	1000	965		ug/Kg		96	80 - 120	2	30
1,2-Dibromoethane	1000	1010		ug/Kg		101	76 - 120	1	30
1,2-Dichloroethane	1000	996		ug/Kg		100	71 - 128	2	30
4-Methyl-2-pentanone	12500	13500		ug/Kg		108	67 - 128	1	30
Methylcyclohexane	1000	855		ug/Kg		85	61 - 124	4	30
Toluene	1000	1010		ug/Kg		101	80 - 120	2	30
Chlorobenzene	1000	993		ug/Kg		99	80 - 120	1	30
Cyclohexane	1000	886		ug/Kg		89	58 - 126	4	30
1,2,4-Trichlorobenzene	1000	944		ug/Kg		94	56 - 130	3	30
Dibromochloromethane	1000	950		ug/Kg		95	69 - 125	1	30
Xylenes, Total	3000	3010		ug/Kg		100	75 - 120	2	30
Tetrachloroethene	1000	975		ug/Kg		97	73 - 120	2	30
cis-1,2-Dichloroethene	1000	1010		ug/Kg		101	80 - 125	2	30
trans-1,2-Dichloroethene	1000	993		ug/Kg		99	80 - 126	3	30
Methyl tertiary butyl ether	1000	969		ug/Kg		97	72 - 120	1	30
1,3-Dichlorobenzene	1000	969		ug/Kg		97	75 - 120	3	30
Carbon tetrachloride	1000	996		ug/Kg		100	64 - 134	4	30
2-Hexanone	12500	12600		ug/Kg		101	54 - 140	3	30
Acetone	12500	12200		ug/Kg		98	41 - 150	0	30
Chloroform	1000	991		ug/Kg		99	80 - 120	4	30
Benzene	1000	1010		ug/Kg		101	80 - 120	3	30
1,1,1-Trichloroethane	1000	1050		ug/Kg		105	69 - 123	5	30

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCSD 410-516956/7

Matrix: Solid

Analysis Batch: 516956

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
Bromomethane	1000	1050		ug/Kg		105	45 - 140	3	30
Chloromethane	1000	818		ug/Kg		82	56 - 120	7	30
Chloroethane	1000	1140		ug/Kg		114	43 - 135	4	30
Vinyl chloride	1000	862		ug/Kg		86	52 - 120	7	30
Methylene Chloride	1000	1020		ug/Kg		102	76 - 122	3	30
Carbon disulfide	1000	916		ug/Kg		92	64 - 133	5	30
Bromoform	1000	1040		ug/Kg		104	51 - 127	0	30
Bromodichloromethane	1000	1080		ug/Kg		108	70 - 120	3	30
1,1-Dichloroethane	1000	1040		ug/Kg		104	79 - 120	3	30
1,1-Dichloroethene	1000	992		ug/Kg		99	73 - 129	4	30
Trichlorofluoromethane	1000	869		ug/Kg		87	55 - 134	4	30
Dichlorodifluoromethane	1000	609		ug/Kg		61	21 - 127	6	30
Freon 113	1000	766		ug/Kg		77	64 - 135	4	30
1,2-Dichloropropane	1000	1030		ug/Kg		103	80 - 120	3	30
2-Butanone	12500	11000		ug/Kg		88	57 - 128	2	30
1,1,2-Trichloroethane	1000	1040		ug/Kg		104	80 - 120	1	30
Trichloroethene	1000	997		ug/Kg		100	80 - 120	4	30
Methyl acetate	1000	1050		ug/Kg		105	67 - 128	0	30
1,1,2,2-Tetrachloroethane	1000	1060		ug/Kg		106	69 - 125	2	30
1,2-Dichlorobenzene	1000	968		ug/Kg		97	76 - 120	1	30
1,2-Dibromo-3-Chloropropane	1000	892		ug/Kg		89	48 - 134	2	30
Isopropylbenzene	1000	1060		ug/Kg		106	77 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		54 - 135
Dibromofluoromethane (Surr)	94		50 - 141
4-Bromofluorobenzene (Surr)	96		50 - 131
Toluene-d8 (Surr)	95		52 - 141

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

Lab Sample ID: MB 410-514320/1-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 514320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,2'-oxybis[1-chloropropane]	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,4,5-Trichlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,4,6-Trichlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,4-Dichlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,4-Dimethylphenol	<3.0		10	3.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,4-Dinitrophenol	<14		30	14	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,4-Dinitrotoluene	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
2,6-Dinitrotoluene	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2-Chloronaphthalene	<0.40		1.0	0.40	ug/L		06/06/24 08:20	06/06/24 19:37	1
2-Chlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
2-Methylnaphthalene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
2-Methylphenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-514320/1-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 514320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
2-Nitrophenol	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
3,3'-Dichlorobenzidine	<4.0		10	4.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
3-Nitroaniline	<2.0		5.0	2.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
4,6-Dinitro-2-methylphenol	<8.0		21	8.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
4-Bromophenyl phenyl ether	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
4-Chloro-3-methylphenol	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
4-Chloroaniline	<4.0		10	4.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
4-Chlorophenyl phenyl ether	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
3,4-Methylphenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
4-Nitroaniline	<0.90		3.0	0.90	ug/L		06/06/24 08:20	06/06/24 19:37	1
4-Nitrophenol	<10		30	10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Acenaphthene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Acenaphthylene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Acetophenone	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Anthracene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Atrazine	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Benzaldehyde	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Benzo[a]anthracene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Benzo[a]pyrene	<0.11		0.50	0.11	ug/L		06/06/24 08:20	06/06/24 19:37	1
Benzo[b]fluoranthene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Benzo[g,h,i]perylene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Benzo[k]fluoranthene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Bis(2-chloroethoxy)methane	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Bis(2-chloroethyl)ether	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Bis(2-ethylhexyl) phthalate	<2.0		5.0	2.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Butyl benzyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Caprolactam	<3.0		7.0	3.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Carbazole	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Chrysene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Di-n-butyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Di-n-octyl phthalate	<5.0		11	5.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Dibenz(a,h)anthracene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Dibenzofuran	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Diethyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Dimethyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Fluoranthene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Fluorene	<0.12		0.50	0.12	ug/L		06/06/24 08:20	06/06/24 19:37	1
Hexachlorobenzene	<0.11		0.50	0.11	ug/L		06/06/24 08:20	06/06/24 19:37	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Hexachlorocyclopentadiene	<5.0		11	5.0	ug/L		06/06/24 08:20	06/06/24 19:37	1
Hexachloroethane	<0.50		5.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Indeno[1,2,3-cd]pyrene	<0.11		0.50	0.11	ug/L		06/06/24 08:20	06/06/24 19:37	1
Isophorone	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
N-Nitrosodi-n-propylamine	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
N-Nitrosodiphenylamine	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Naphthalene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1
Nitrobenzene	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Pentachlorophenol	<1.0		5.0	1.0	ug/L		06/06/24 08:20	06/06/24 19:37	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-514320/1-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 514320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.11		0.50	0.11	ug/L		06/06/24 08:20	06/06/24 19:37	1
Phenol	<0.50		2.0	0.50	ug/L		06/06/24 08:20	06/06/24 19:37	1
Pyrene	<0.10		0.50	0.10	ug/L		06/06/24 08:20	06/06/24 19:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	105		28 - 120	06/06/24 08:20	06/06/24 19:37	1
2-Fluorophenol (Surr)	54		10 - 120	06/06/24 08:20	06/06/24 19:37	1
Nitrobenzene-d5 (Surr)	85		18 - 120	06/06/24 08:20	06/06/24 19:37	1
p-Terphenyl-d14 (Surr)	86		22 - 120	06/06/24 08:20	06/06/24 19:37	1
2,4,6-Tribromophenol (Surr)	109		16 - 120	06/06/24 08:20	06/06/24 19:37	1
Phenol-d5 (Surr)	35		10 - 120	06/06/24 08:20	06/06/24 19:37	1

Lab Sample ID: LCS 410-514320/2-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 514320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	56.3		ug/L		113	46 - 127
2,2'-oxybis[1-chloropropane]	50.0	39.7		ug/L		79	31 - 125
2,4,5-Trichlorophenol	50.0	58.4		ug/L		117	55 - 133
2,4,6-Trichlorophenol	50.0	54.8		ug/L		110	54 - 139
2,4-Dichlorophenol	50.0	46.5		ug/L		93	51 - 135
2,4-Dimethylphenol	50.0	43.7		ug/L		87	44 - 121
2,4-Dinitrophenol	100	110		ug/L		110	14 - 161
2,4-Dinitrotoluene	50.0	53.3		ug/L		107	54 - 143
2,6-Dinitrotoluene	50.0	54.0		ug/L		108	54 - 139
2-Chloronaphthalene	50.0	51.4		ug/L		103	43 - 126
2-Chlorophenol	50.0	42.4		ug/L		85	41 - 122
2-Methylnaphthalene	50.0	49.1		ug/L		98	44 - 124
2-Methylphenol	50.0	45.2		ug/L		90	39 - 120
2-Nitroaniline	50.0	62.3		ug/L		125	53 - 139
2-Nitrophenol	50.0	44.4		ug/L		89	46 - 142
3,3'-Dichlorobenzidine	100	104		ug/L		104	31 - 120
3-Nitroaniline	50.0	45.5		ug/L		91	44 - 125
4,6-Dinitro-2-methylphenol	100	103		ug/L		103	54 - 148
4-Bromophenyl phenyl ether	50.0	50.6		ug/L		101	54 - 129
4-Chloro-3-methylphenol	50.0	50.3		ug/L		101	50 - 122
4-Chloroaniline	50.0	42.3		ug/L		85	33 - 120
4-Chlorophenyl phenyl ether	50.0	46.3		ug/L		93	49 - 125
3,4-Methylphenol	50.0	42.4		ug/L		85	35 - 120
4-Nitroaniline	50.0	40.1		ug/L		80	47 - 130
4-Nitrophenol	100	69.2		ug/L		69	17 - 120
Acenaphthene	50.0	46.4		ug/L		93	48 - 127
Acenaphthylene	50.0	48.6		ug/L		97	47 - 130
Acetophenone	50.0	43.6		ug/L		87	37 - 131
Anthracene	50.0	49.9		ug/L		100	55 - 134
Atrazine	50.0	50.9		ug/L		102	49 - 139
Benzaldehyde	50.0	36.1		ug/L		72	21 - 133

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCS 410-514320/2-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 514320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	50.0	56.6		ug/L		113	54 - 134
Benzo[a]pyrene	50.0	52.9		ug/L		106	58 - 135
Benzo[b]fluoranthene	50.0	50.0		ug/L		100	51 - 122
Benzo[g,h,i]perylene	50.0	59.6		ug/L		119	52 - 130
Benzo[k]fluoranthene	50.0	47.7		ug/L		95	57 - 132
Bis(2-chloroethoxy)methane	50.0	39.5		ug/L		79	41 - 129
Bis(2-chloroethyl)ether	50.0	38.6		ug/L		77	34 - 126
Bis(2-ethylhexyl) phthalate	50.0	60.5		ug/L		121	46 - 143
Butyl benzyl phthalate	50.0	53.2		ug/L		106	39 - 136
Caprolactam	50.0	16.8		ug/L		34	10 - 120
Carbazole	50.0	54.8		ug/L		110	52 - 138
Chrysene	50.0	53.6		ug/L		107	56 - 136
Di-n-butyl phthalate	50.0	66.7		ug/L		133	49 - 143
Di-n-octyl phthalate	50.0	54.6		ug/L		109	44 - 147
Dibenz(a,h)anthracene	50.0	60.8		ug/L		122	49 - 129
Dibenzofuran	50.0	53.9		ug/L		108	50 - 128
Diethyl phthalate	50.0	46.6		ug/L		93	46 - 123
Dimethyl phthalate	50.0	50.4		ug/L		101	27 - 123
Fluoranthene	50.0	62.1		ug/L		124	56 - 130
Fluorene	50.0	46.8		ug/L		94	50 - 128
Hexachlorobenzene	50.0	50.2		ug/L		100	50 - 128
Hexachlorobutadiene	50.0	38.9		ug/L		78	20 - 120
Hexachlorocyclopentadiene	50.0	17.7		ug/L		35	10 - 120
Hexachloroethane	50.0	31.7		ug/L		63	21 - 120
Indeno[1,2,3-cd]pyrene	50.0	62.6		ug/L		125	50 - 134
Isophorone	50.0	42.1		ug/L		84	42 - 124
N-Nitrosodi-n-propylamine	50.0	41.3		ug/L		83	34 - 123
N-Nitrosodiphenylamine	42.5	44.5		ug/L		105	52 - 138
Naphthalene	50.0	49.5		ug/L		99	39 - 123
Nitrobenzene	50.0	39.7		ug/L		79	37 - 128
Pentachlorophenol	100	105		ug/L		105	32 - 163
Phenanthrene	50.0	50.5		ug/L		101	55 - 132
Phenol	50.0	26.3		ug/L		53	18 - 120
Pyrene	50.0	60.1		ug/L		120	58 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	93		28 - 120
2-Fluorophenol (Surr)	58		10 - 120
Nitrobenzene-d5 (Surr)	66		18 - 120
p-Terphenyl-d14 (Surr)	89		22 - 120
2,4,6-Tribromophenol (Surr)	86		16 - 120
Phenol-d5 (Surr)	41		10 - 120

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCSD 410-514320/3-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 514320

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	RPD Limit
1,1'-Biphenyl	50.0	51.6		ug/L		103	46 - 127		9	30
2,2'-oxybis[1-chloropropane]	50.0	40.5		ug/L		81	31 - 125		2	30
2,4,5-Trichlorophenol	50.0	55.0		ug/L		110	55 - 133		6	30
2,4,6-Trichlorophenol	50.0	52.6		ug/L		105	54 - 139		4	30
2,4-Dichlorophenol	50.0	47.9		ug/L		96	51 - 135		3	30
2,4-Dimethylphenol	50.0	43.6		ug/L		87	44 - 121		0	30
2,4-Dinitrophenol	100	95.5		ug/L		95	14 - 161		14	30
2,4-Dinitrotoluene	50.0	44.1		ug/L		88	54 - 143		19	30
2,6-Dinitrotoluene	50.0	50.2		ug/L		100	54 - 139		7	30
2-Chloronaphthalene	50.0	48.1		ug/L		96	43 - 126		7	30
2-Chlorophenol	50.0	44.9		ug/L		90	41 - 122		6	30
2-Methylnaphthalene	50.0	49.5		ug/L		99	44 - 124		1	30
2-Methylphenol	50.0	44.7		ug/L		89	39 - 120		1	30
2-Nitroaniline	50.0	57.4		ug/L		115	53 - 139		8	30
2-Nitrophenol	50.0	45.5		ug/L		91	46 - 142		2	30
3,3'-Dichlorobenzidine	100	136	E *+	ug/L		136	31 - 120		27	30
3-Nitroaniline	50.0	53.3		ug/L		107	44 - 125		16	30
4,6-Dinitro-2-methylphenol	100	104		ug/L		104	54 - 148		0	30
4-Bromophenyl phenyl ether	50.0	54.5		ug/L		109	54 - 129		7	30
4-Chloro-3-methylphenol	50.0	51.2		ug/L		102	50 - 122		2	30
4-Chloroaniline	50.0	42.4		ug/L		85	33 - 120		0	30
4-Chlorophenyl phenyl ether	50.0	48.8		ug/L		98	49 - 125		5	30
3,4-Methylphenol	50.0	46.2		ug/L		92	35 - 120		9	30
4-Nitroaniline	50.0	46.0		ug/L		92	47 - 130		14	30
4-Nitrophenol	100	70.2		ug/L		70	17 - 120		1	30
Acenaphthene	50.0	43.0		ug/L		86	48 - 127		8	30
Acenaphthylene	50.0	54.5		ug/L		109	47 - 130		11	30
Acetophenone	50.0	47.7		ug/L		95	37 - 131		9	30
Anthracene	50.0	51.2		ug/L		102	55 - 134		3	30
Atrazine	50.0	52.7		ug/L		105	49 - 139		4	30
Benzaldehyde	50.0	41.7		ug/L		83	21 - 133		14	30
Benzo[a]anthracene	50.0	69.2	*+	ug/L		138	54 - 134		20	30
Benzo[a]pyrene	50.0	48.3		ug/L		97	58 - 135		9	30
Benzo[b]fluoranthene	50.0	43.6		ug/L		87	51 - 122		14	30
Benzo[g,h,i]perylene	50.0	59.0		ug/L		118	52 - 130		1	30
Benzo[k]fluoranthene	50.0	43.5		ug/L		87	57 - 132		9	30
Bis(2-chloroethoxy)methane	50.0	43.4		ug/L		87	41 - 129		9	30
Bis(2-chloroethyl)ether	50.0	42.0		ug/L		84	34 - 126		8	30
Bis(2-ethylhexyl) phthalate	50.0	69.8		ug/L		140	46 - 143		14	30
Butyl benzyl phthalate	50.0	65.9		ug/L		132	39 - 136		21	30
Caprolactam	50.0	16.3		ug/L		33	10 - 120		3	30
Carbazole	50.0	51.0		ug/L		102	52 - 138		7	30
Chrysene	50.0	64.1		ug/L		128	56 - 136		18	30
Di-n-butyl phthalate	50.0	45.4	*1	ug/L		91	49 - 143		38	30
Di-n-octyl phthalate	50.0	52.7		ug/L		105	44 - 147		3	30
Dibenz(a,h)anthracene	50.0	54.5		ug/L		109	49 - 129		11	30
Dibenzofuran	50.0	44.8		ug/L		90	50 - 128		18	30
Diethyl phthalate	50.0	48.3		ug/L		97	46 - 123		4	30

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCSD 410-514320/3-A

Matrix: Water

Analysis Batch: 514574

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 514320

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethyl phthalate	50.0	43.8		ug/L		88	27 - 123	14	30
Fluoranthene	50.0	42.6	*1	ug/L		85	56 - 130	37	30
Fluorene	50.0	48.5		ug/L		97	50 - 128	4	30
Hexachlorobenzene	50.0	51.0		ug/L		102	50 - 128	2	30
Hexachlorobutadiene	50.0	37.8		ug/L		76	20 - 120	3	30
Hexachlorocyclopentadiene	50.0	16.8		ug/L		34	10 - 120	5	30
Hexachloroethane	50.0	39.0		ug/L		78	21 - 120	21	30
Indeno[1,2,3-cd]pyrene	50.0	54.4		ug/L		109	50 - 134	14	30
Isophorone	50.0	41.9		ug/L		84	42 - 124	1	30
N-Nitrosodi-n-propylamine	50.0	45.2		ug/L		90	34 - 123	9	30
N-Nitrosodiphenylamine	42.5	46.9		ug/L		110	52 - 138	5	30
Naphthalene	50.0	49.0		ug/L		98	39 - 123	1	30
Nitrobenzene	50.0	38.2		ug/L		76	37 - 128	4	30
Pentachlorophenol	100	108		ug/L		108	32 - 163	3	30
Phenanthrene	50.0	52.5		ug/L		105	55 - 132	4	30
Phenol	50.0	29.4		ug/L		59	18 - 120	11	30
Pyrene	50.0	59.7		ug/L		119	58 - 131	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	88		28 - 120
2-Fluorophenol (Surr)	63		10 - 120
Nitrobenzene-d5 (Surr)	63		18 - 120
p-Terphenyl-d14 (Surr)	100		22 - 120
2,4,6-Tribromophenol (Surr)	94		16 - 120
Phenol-d5 (Surr)	46		10 - 120

Lab Sample ID: MB 410-514592/1-A

Matrix: Water

Analysis Batch: 514781

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 514592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,2'-oxybis[1-chloropropane]	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,4,5-Trichlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,4,6-Trichlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,4-Dichlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,4-Dimethylphenol	<3.0		10	3.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,4-Dinitrophenol	<14		30	14	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,4-Dinitrotoluene	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
2,6-Dinitrotoluene	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2-Chloronaphthalene	<0.40		1.0	0.40	ug/L		06/06/24 15:46	06/07/24 10:56	1
2-Chlorophenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2-Methylnaphthalene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
2-Methylphenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
2-Nitroaniline	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
2-Nitrophenol	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
3,3'-Dichlorobenzidine	<4.0		10	4.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
3-Nitroaniline	<2.0		5.0	2.0	ug/L		06/06/24 15:46	06/07/24 10:56	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-514592/1-A

Matrix: Water

Analysis Batch: 514781

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 514592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	<8.0		21	8.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
4-Bromophenyl phenyl ether	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
4-Chloro-3-methylphenol	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
4-Chloroaniline	<4.0		10	4.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
4-Chlorophenyl phenyl ether	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
3,4-Methylphenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
4-Nitroaniline	<0.90		3.0	0.90	ug/L		06/06/24 15:46	06/07/24 10:56	1
4-Nitrophenol	<10		30	10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Acenaphthene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Acenaphthylene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Acetophenone	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Anthracene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Atrazine	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Benzaldehyde	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Benzo[a]anthracene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Benzo[a]pyrene	<0.11		0.50	0.11	ug/L		06/06/24 15:46	06/07/24 10:56	1
Benzo[b]fluoranthene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Benzo[g,h,i]perylene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Benzo[k]fluoranthene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Bis(2-chloroethoxy)methane	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Bis(2-chloroethyl)ether	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Bis(2-ethylhexyl) phthalate	<2.0		5.0	2.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Butyl benzyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Caprolactam	<3.0		7.0	3.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Carbazole	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Chrysene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Di-n-butyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Di-n-octyl phthalate	<5.0		11	5.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Dibenz(a,h)anthracene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Dibenzofuran	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Diethyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Dimethyl phthalate	<2.0		5.0	2.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Fluoranthene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Fluorene	<0.12		0.50	0.12	ug/L		06/06/24 15:46	06/07/24 10:56	1
Hexachlorobenzene	<0.11		0.50	0.11	ug/L		06/06/24 15:46	06/07/24 10:56	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Hexachlorocyclopentadiene	<5.0		11	5.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Hexachloroethane	<0.50		5.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Indeno[1,2,3-cd]pyrene	<0.11		0.50	0.11	ug/L		06/06/24 15:46	06/07/24 10:56	1
Isophorone	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
N-Nitrosodi-n-propylamine	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
N-Nitrosodiphenylamine	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Naphthalene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1
Nitrobenzene	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Pentachlorophenol	<1.0		5.0	1.0	ug/L		06/06/24 15:46	06/07/24 10:56	1
Phenanthrene	<0.11		0.50	0.11	ug/L		06/06/24 15:46	06/07/24 10:56	1
Phenol	<0.50		2.0	0.50	ug/L		06/06/24 15:46	06/07/24 10:56	1
Pyrene	<0.10		0.50	0.10	ug/L		06/06/24 15:46	06/07/24 10:56	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-514592/1-A

Matrix: Water

Analysis Batch: 514781

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 514592

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	16	S1-	28 - 120	06/06/24 15:46	06/07/24 10:56	1
2-Fluorophenol (Surr)	9	S1-	10 - 120	06/06/24 15:46	06/07/24 10:56	1
Nitrobenzene-d5 (Surr)	15	S1-	18 - 120	06/06/24 15:46	06/07/24 10:56	1
p-Terphenyl-d14 (Surr)	18	S1-	22 - 120	06/06/24 15:46	06/07/24 10:56	1
2,4,6-Tribromophenol (Surr)	11	S1-	16 - 120	06/06/24 15:46	06/07/24 10:56	1
Phenol-d5 (Surr)	7	S1-	10 - 120	06/06/24 15:46	06/07/24 10:56	1

Lab Sample ID: LCS 410-514592/2-A

Matrix: Water

Analysis Batch: 514781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 514592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	45.5		ug/L		91	46 - 127
2,2'-oxybis[1-chloropropane]	50.0	54.2		ug/L		108	31 - 125
2,4,5-Trichlorophenol	50.0	50.7		ug/L		101	55 - 133
2,4,6-Trichlorophenol	50.0	50.9		ug/L		102	54 - 139
2,4-Dichlorophenol	50.0	42.0		ug/L		84	51 - 135
2,4-Dimethylphenol	50.0	37.0		ug/L		74	44 - 121
2,4-Dinitrophenol	100	147		ug/L		147	14 - 161
2,4-Dinitrotoluene	50.0	62.2		ug/L		124	54 - 143
2,6-Dinitrotoluene	50.0	56.1		ug/L		112	54 - 139
2-Chloronaphthalene	50.0	43.1		ug/L		86	43 - 126
2-Chlorophenol	50.0	41.2		ug/L		82	41 - 122
2-Methylnaphthalene	50.0	43.7		ug/L		87	44 - 124
2-Methylphenol	50.0	36.9		ug/L		74	39 - 120
2-Nitroaniline	50.0	56.9		ug/L		114	53 - 139
2-Nitrophenol	50.0	55.3		ug/L		111	46 - 142
3,3'-Dichlorobenzidine	100	64.2		ug/L		64	31 - 120
3-Nitroaniline	50.0	46.6		ug/L		93	44 - 125
4,6-Dinitro-2-methylphenol	100	151	*+	ug/L		151	54 - 148
4-Bromophenyl phenyl ether	50.0	53.2		ug/L		106	54 - 129
4-Chloro-3-methylphenol	50.0	44.4		ug/L		89	50 - 122
4-Chloroaniline	50.0	33.7		ug/L		67	33 - 120
4-Chlorophenyl phenyl ether	50.0	48.5		ug/L		97	49 - 125
3,4-Methylphenol	50.0	32.7		ug/L		65	35 - 120
4-Nitroaniline	50.0	46.1		ug/L		92	47 - 130
4-Nitrophenol	100	56.2		ug/L		56	17 - 120
Acenaphthene	50.0	46.0		ug/L		92	48 - 127
Acenaphthylene	50.0	47.9		ug/L		96	47 - 130
Acetophenone	50.0	43.6		ug/L		87	37 - 131
Anthracene	50.0	53.2		ug/L		106	55 - 134
Atrazine	50.0	52.9		ug/L		106	49 - 139
Benzaldehyde	50.0	45.5		ug/L		91	21 - 133
Benzo[a]anthracene	50.0	48.5		ug/L		97	54 - 134
Benzo[a]pyrene	50.0	54.3		ug/L		109	58 - 135
Benzo[b]fluoranthene	50.0	54.5		ug/L		109	51 - 122
Benzo[g,h,i]perylene	50.0	55.5		ug/L		111	52 - 130
Benzo[k]fluoranthene	50.0	55.2		ug/L		110	57 - 132

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCS 410-514592/2-A

Matrix: Water

Analysis Batch: 514781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 514592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	50.0	48.6		ug/L		97	41 - 129
Bis(2-chloroethyl)ether	50.0	46.1		ug/L		92	34 - 126
Bis(2-ethylhexyl) phthalate	50.0	59.1		ug/L		118	46 - 143
Butyl benzyl phthalate	50.0	60.0		ug/L		120	39 - 136
Caprolactam	50.0	9.48		ug/L		19	10 - 120
Carbazole	50.0	53.4		ug/L		107	52 - 138
Chrysene	50.0	48.3		ug/L		97	56 - 136
Di-n-butyl phthalate	50.0	59.6		ug/L		119	49 - 143
Di-n-octyl phthalate	50.0	69.0		ug/L		138	44 - 147
Dibenz(a,h)anthracene	50.0	57.8		ug/L		116	49 - 129
Dibenzofuran	50.0	49.2		ug/L		98	50 - 128
Diethyl phthalate	50.0	56.0		ug/L		112	46 - 123
Dimethyl phthalate	50.0	48.3		ug/L		97	27 - 123
Fluoranthene	50.0	50.7		ug/L		101	56 - 130
Fluorene	50.0	50.7		ug/L		101	50 - 128
Hexachlorobenzene	50.0	46.2		ug/L		92	50 - 128
Hexachlorobutadiene	50.0	36.3		ug/L		73	20 - 120
Hexachlorocyclopentadiene	50.0	21.6		ug/L		43	10 - 120
Hexachloroethane	50.0	38.2		ug/L		76	21 - 120
Indeno[1,2,3-cd]pyrene	50.0	57.1		ug/L		114	50 - 134
Isophorone	50.0	46.9		ug/L		94	42 - 124
N-Nitrosodi-n-propylamine	50.0	42.8		ug/L		86	34 - 123
N-Nitrosodiphenylamine	42.5	48.1		ug/L		113	52 - 138
Naphthalene	50.0	44.5		ug/L		89	39 - 123
Nitrobenzene	50.0	49.8		ug/L		100	37 - 128
Pentachlorophenol	100	121		ug/L		121	32 - 163
Phenanthrene	50.0	51.9		ug/L		104	55 - 132
Phenol	50.0	17.9		ug/L		36	18 - 120
Pyrene	50.0	57.7		ug/L		115	58 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	80		28 - 120
2-Fluorophenol (Surr)	43		10 - 120
Nitrobenzene-d5 (Surr)	82		18 - 120
p-Terphenyl-d14 (Surr)	91		22 - 120
2,4,6-Tribromophenol (Surr)	90		16 - 120
Phenol-d5 (Surr)	31		10 - 120

Lab Sample ID: MB 410-516620/1-A

Matrix: Solid

Analysis Batch: 516862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 516620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,2'-oxybis[1-chloropropane]	<20		43	20	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,4,5-Trichlorophenol	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,4,6-Trichlorophenol	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,4-Dichlorophenol	<20		43	20	ug/Kg		06/12/24 16:05	06/13/24 10:01	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-516620/1-A

Matrix: Solid

Analysis Batch: 516862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 516620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,4-Dinitrophenol	<170		1000	170	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,4-Dinitrotoluene	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2,6-Dinitrotoluene	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2-Chloronaphthalene	<13		33	13	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2-Chlorophenol	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2-Methylnaphthalene	<5.0		17	5.0	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2-Methylphenol	<20		50	20	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2-Nitroaniline	<17		50	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
2-Nitrophenol	<20		50	20	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
3,3'-Dichlorobenzidine	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
3-Nitroaniline	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4,6-Dinitro-2-methylphenol	<170		500	170	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4-Bromophenyl phenyl ether	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4-Chloro-3-methylphenol	<20		50	20	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4-Chloroaniline	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4-Chlorophenyl phenyl ether	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
3,4-Methylphenol	<17		50	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4-Nitroaniline	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
4-Nitrophenol	<170		500	170	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Acenaphthene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Acenaphthylene	<4.0		17	4.0	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Acetophenone	<17		50	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Anthracene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Atrazine	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Benzaldehyde	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Benzo[a]anthracene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Benzo[a]pyrene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Benzo[b]fluoranthene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Benzo[g,h,i]perylene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Benzo[k]fluoranthene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Bis(2-chloroethoxy)methane	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Bis(2-chloroethyl)ether	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Bis(2-ethylhexyl) phthalate	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Butyl benzyl phthalate	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Caprolactam	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Carbazole	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Chrysene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Di-n-butyl phthalate	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Di-n-octyl phthalate	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Dibenz(a,h)anthracene	<6.7		17	6.7	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Dibenzofuran	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Diethyl phthalate	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Dimethyl phthalate	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Fluoranthene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Fluorene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Hexachlorobenzene	<6.7		17	6.7	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Hexachlorobutadiene	<20		50	20	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Hexachlorocyclopentadiene	<170		500	170	ug/Kg		06/12/24 16:05	06/13/24 10:01	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: MB 410-516620/1-A

Matrix: Solid

Analysis Batch: 516862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 516620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<33		170	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Indeno[1,2,3-cd]pyrene	<4.0		17	4.0	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Isophorone	<17		67	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
N-Nitrosodi-n-propylamine	<33		67	33	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
N-Nitrosodiphenylamine	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Naphthalene	<6.7		17	6.7	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Nitrobenzene	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Pentachlorophenol	<67		170	67	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Phenanthrene	<4.0		17	4.0	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Phenol	<17		37	17	ug/Kg		06/12/24 16:05	06/13/24 10:01	1
Pyrene	<3.3		17	3.3	ug/Kg		06/12/24 16:05	06/13/24 10:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		29 - 120	06/12/24 16:05	06/13/24 10:01	1
2-Fluorophenol (Surr)	80		18 - 120	06/12/24 16:05	06/13/24 10:01	1
Nitrobenzene-d5 (Surr)	84		22 - 120	06/12/24 16:05	06/13/24 10:01	1
p-Terphenyl-d14 (Surr)	102		36 - 123	06/12/24 16:05	06/13/24 10:01	1
2,4,6-Tribromophenol (Surr)	90		13 - 127	06/12/24 16:05	06/13/24 10:01	1
Phenol-d5 (Surr)	82		20 - 120	06/12/24 16:05	06/13/24 10:01	1

Lab Sample ID: LCS 410-516620/2-A

Matrix: Solid

Analysis Batch: 516862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 516620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1670	1460		ug/Kg		87	59 - 120
2,2'-oxybis[1-chloropropane]	1670	1370		ug/Kg		82	42 - 120
2,4,5-Trichlorophenol	1670	1520		ug/Kg		91	63 - 120
2,4,6-Trichlorophenol	1670	1480		ug/Kg		89	65 - 120
2,4-Dichlorophenol	1670	1440		ug/Kg		86	64 - 120
2,4-Dimethylphenol	1670	1300		ug/Kg		78	56 - 120
2,4-Dinitrophenol	3330	2760		ug/Kg		83	34 - 136
2,4-Dinitrotoluene	1670	1670		ug/Kg		100	65 - 120
2,6-Dinitrotoluene	1670	1650		ug/Kg		99	67 - 120
2-Chloronaphthalene	1670	1390		ug/Kg		83	63 - 120
2-Chlorophenol	1670	1360		ug/Kg		82	55 - 120
2-Methylnaphthalene	1670	1370		ug/Kg		82	61 - 120
2-Methylphenol	1670	1400		ug/Kg		84	59 - 120
2-Nitroaniline	1670	1720		ug/Kg		103	62 - 124
2-Nitrophenol	1670	1410		ug/Kg		85	60 - 120
3,3'-Dichlorobenzidine	3330	2560		ug/Kg		77	28 - 120
3-Nitroaniline	1670	1240		ug/Kg		74	34 - 120
4,6-Dinitro-2-methylphenol	3330	3300		ug/Kg		99	55 - 131
4-Bromophenyl phenyl ether	1670	1560		ug/Kg		94	66 - 120
4-Chloro-3-methylphenol	1670	1480		ug/Kg		89	59 - 120
4-Chloroaniline	1670	985		ug/Kg		59	27 - 120
4-Chlorophenyl phenyl ether	1670	1500		ug/Kg		90	64 - 120
3,4-Methylphenol	1670	1300		ug/Kg		78	52 - 120

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCS 410-516620/2-A

Matrix: Solid

Analysis Batch: 516862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 516620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	1670	1610		ug/Kg		97	60 - 120
4-Nitrophenol	3330	3140		ug/Kg		94	51 - 120
Acenaphthene	1670	1440		ug/Kg		86	61 - 120
Acenaphthylene	1670	1550		ug/Kg		93	60 - 120
Acetophenone	1670	1300		ug/Kg		78	52 - 120
Anthracene	1670	1580		ug/Kg		95	69 - 120
Atrazine	1670	1640		ug/Kg		98	59 - 140
Benzaldehyde	1670	1330		ug/Kg		80	41 - 120
Benzo[a]anthracene	1670	1710		ug/Kg		103	68 - 120
Benzo[a]pyrene	1670	1740		ug/Kg		104	71 - 120
Benzo[b]fluoranthene	1670	1670		ug/Kg		100	66 - 120
Benzo[g,h,i]perylene	1670	1690		ug/Kg		101	69 - 120
Benzo[k]fluoranthene	1670	1610		ug/Kg		97	63 - 120
Bis(2-chloroethoxy)methane	1670	1420		ug/Kg		85	53 - 120
Bis(2-chloroethyl)ether	1670	1360		ug/Kg		82	52 - 120
Bis(2-ethylhexyl) phthalate	1670	1750		ug/Kg		105	57 - 127
Butyl benzyl phthalate	1670	1660		ug/Kg		100	57 - 122
Caprolactam	1670	1590		ug/Kg		95	50 - 120
Carbazole	1670	1580		ug/Kg		95	65 - 120
Chrysene	1670	1660		ug/Kg		100	67 - 120
Di-n-butyl phthalate	1670	1660		ug/Kg		100	67 - 128
Di-n-octyl phthalate	1670	1830		ug/Kg		110	58 - 136
Dibenz(a,h)anthracene	1670	1700		ug/Kg		102	70 - 123
Dibenzofuran	1670	1490		ug/Kg		89	62 - 120
Diethyl phthalate	1670	1560		ug/Kg		93	62 - 120
Dimethyl phthalate	1670	1640		ug/Kg		99	61 - 120
Fluoranthene	1670	1640		ug/Kg		99	67 - 120
Fluorene	1670	1490		ug/Kg		90	63 - 120
Hexachlorobenzene	1670	1590		ug/Kg		95	64 - 120
Hexachlorobutadiene	1670	1320		ug/Kg		79	52 - 120
Hexachlorocyclopentadiene	1670	1270		ug/Kg		76	30 - 143
Hexachloroethane	1670	1190		ug/Kg		71	48 - 120
Indeno[1,2,3-cd]pyrene	1670	1670		ug/Kg		100	67 - 122
Isophorone	1670	1460		ug/Kg		88	54 - 120
N-Nitrosodi-n-propylamine	1670	1400		ug/Kg		84	51 - 120
N-Nitrosodiphenylamine	1420	1360		ug/Kg		96	66 - 120
Naphthalene	1670	1320		ug/Kg		79	56 - 120
Nitrobenzene	1670	1330		ug/Kg		80	50 - 120
Pentachlorophenol	3330	2770		ug/Kg		83	46 - 134
Phenanthrene	1670	1600		ug/Kg		96	63 - 120
Phenol	1670	1440		ug/Kg		86	49 - 120
Pyrene	1670	1610		ug/Kg		96	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	83		29 - 120
2-Fluorophenol (Surr)	80		18 - 120
Nitrobenzene-d5 (Surr)	82		22 - 120
p-Terphenyl-d14 (Surr)	98		36 - 123

QC Sample Results

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

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

Lab Sample ID: LCS 410-516620/2-A

Matrix: Solid

Analysis Batch: 516862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 516620

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2,4,6-Tribromophenol (Surr)	92		13 - 127
Phenol-d5 (Surr)	82		20 - 120

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-513724/1-A ^2

Matrix: Solid

Analysis Batch: 516257

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 513724

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.13		0.40	0.13	mg/Kg		06/05/24 08:40	06/11/24 13:38	2
Cadmium	<0.040		0.10	0.040	mg/Kg		06/05/24 08:40	06/11/24 13:38	2
Lead	<0.076		0.20	0.076	mg/Kg		06/05/24 08:40	06/11/24 13:38	2
Selenium	<0.10		0.40	0.10	mg/Kg		06/05/24 08:40	06/11/24 13:38	2
Silver	<0.041		0.10	0.041	mg/Kg		06/05/24 08:40	06/11/24 13:38	2
Chromium	<0.19		0.40	0.19	mg/Kg		06/05/24 08:40	06/11/24 13:38	2
Barium	<0.18		0.40	0.18	mg/Kg		06/05/24 08:40	06/11/24 13:38	2

Lab Sample ID: LCS 410-513724/2-A ^2

Matrix: Solid

Analysis Batch: 516257

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 513724

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Arsenic	50.0	48.9		mg/Kg		98	87 - 114		
Cadmium	5.00	4.91		mg/Kg		98	88 - 117		
Lead	5.00	4.89		mg/Kg		98	88 - 117		
Selenium	10.0	9.45		mg/Kg		95	87 - 115		
Silver	5.00	4.90		mg/Kg		98	88 - 117		
Chromium	50.0	47.9		mg/Kg		96	86 - 116		
Barium	50.0	49.1		mg/Kg		98	87 - 117		

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-513725/1-A

Matrix: Solid

Analysis Batch: 514569

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 513725

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.020		0.060	0.020	mg/Kg		06/05/24 10:15	06/06/24 08:23	1

Lab Sample ID: LCS 410-513725/2-A

Matrix: Solid

Analysis Batch: 514569

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 513725

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Mercury	0.167	0.169		mg/Kg		101	80 - 120		

QC Association Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

GC/MS VOA

Prep Batch: 514723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	5035	
410-174105-5	SB-5	Total/NA	Solid	5035	
410-174105-6	SB-6	Total/NA	Solid	5035	
410-174105-7	SB-7	Total/NA	Solid	5035	
410-174105-8	SB-8	Total/NA	Solid	5035	
410-174105-9	SB-10	Total/NA	Solid	5035	

Analysis Batch: 516696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-1	Trip Blank	Total/NA	Water	8260D	
410-174105-2	GW1	Total/NA	Water	8260D	
410-174105-3	GW2	Total/NA	Water	8260D	
MB 410-516696/6	Method Blank	Total/NA	Water	8260D	
LCS 410-516696/4	Lab Control Sample	Total/NA	Water	8260D	
410-174105-2 MS	GW1	Total/NA	Water	8260D	
410-174105-2 MSD	GW1	Total/NA	Water	8260D	

Analysis Batch: 516956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	8260D	514723
410-174105-5	SB-5	Total/NA	Solid	8260D	514723
410-174105-6	SB-6	Total/NA	Solid	8260D	514723
410-174105-7	SB-7	Total/NA	Solid	8260D	514723
410-174105-8	SB-8	Total/NA	Solid	8260D	514723
410-174105-9	SB-10	Total/NA	Solid	8260D	514723
MB 410-516956/8	Method Blank	Total/NA	Solid	8260D	
LCS 410-516956/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-516956/7	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 514320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-3	GW2	Total/NA	Water	3510C	
MB 410-514320/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-514320/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 410-514320/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 514574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-3	GW2	Total/NA	Water	8270E	514320
MB 410-514320/1-A	Method Blank	Total/NA	Water	8270E	514320
LCS 410-514320/2-A	Lab Control Sample	Total/NA	Water	8270E	514320
LCSD 410-514320/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	514320

Prep Batch: 514592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-2	GW1	Total/NA	Water	3510C	
MB 410-514592/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-514592/2-A	Lab Control Sample	Total/NA	Water	3510C	

QC Association Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

GC/MS Semi VOA

Analysis Batch: 514781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-2	GW1	Total/NA	Water	8270E	514592
MB 410-514592/1-A	Method Blank	Total/NA	Water	8270E	514592
LCS 410-514592/2-A	Lab Control Sample	Total/NA	Water	8270E	514592

Analysis Batch: 515441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-3	GW2	Total/NA	Water	8270E	514320

Prep Batch: 516620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	3546	
410-174105-5	SB-5	Total/NA	Solid	3546	
410-174105-6	SB-6	Total/NA	Solid	3546	
410-174105-7	SB-7	Total/NA	Solid	3546	
410-174105-8	SB-8	Total/NA	Solid	3546	
410-174105-9	SB-10	Total/NA	Solid	3546	
MB 410-516620/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-516620/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 516862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	8270E	516620
410-174105-5	SB-5	Total/NA	Solid	8270E	516620
410-174105-6	SB-6	Total/NA	Solid	8270E	516620
410-174105-7	SB-7	Total/NA	Solid	8270E	516620
410-174105-8	SB-8	Total/NA	Solid	8270E	516620
410-174105-9	SB-10	Total/NA	Solid	8270E	516620
MB 410-516620/1-A	Method Blank	Total/NA	Solid	8270E	516620
LCS 410-516620/2-A	Lab Control Sample	Total/NA	Solid	8270E	516620

Metals

Prep Batch: 513724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	3050B	
410-174105-5	SB-5	Total/NA	Solid	3050B	
410-174105-6	SB-6	Total/NA	Solid	3050B	
410-174105-7	SB-7	Total/NA	Solid	3050B	
410-174105-8	SB-8	Total/NA	Solid	3050B	
410-174105-9	SB-10	Total/NA	Solid	3050B	
MB 410-513724/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-513724/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 513725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	7471B	
410-174105-6	SB-6	Total/NA	Solid	7471B	
410-174105-9	SB-10	Total/NA	Solid	7471B	
MB 410-513725/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-513725/2-A	Lab Control Sample	Total/NA	Solid	7471B	

QC Association Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Metals

Analysis Batch: 514569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	7471B	513725
410-174105-6	SB-6	Total/NA	Solid	7471B	513725
410-174105-9	SB-10	Total/NA	Solid	7471B	513725
MB 410-513725/1-A	Method Blank	Total/NA	Solid	7471B	513725
LCS 410-513725/2-A	Lab Control Sample	Total/NA	Solid	7471B	513725

Analysis Batch: 516257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	6020B	513724
410-174105-5	SB-5	Total/NA	Solid	6020B	513724
410-174105-6	SB-6	Total/NA	Solid	6020B	513724
410-174105-7	SB-7	Total/NA	Solid	6020B	513724
410-174105-8	SB-8	Total/NA	Solid	6020B	513724
410-174105-9	SB-10	Total/NA	Solid	6020B	513724
MB 410-513724/1-A ^2	Method Blank	Total/NA	Solid	6020B	513724
LCS 410-513724/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	513724

General Chemistry

Analysis Batch: 513458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-174105-4	SB-2	Total/NA	Solid	Moisture	
410-174105-5	SB-5	Total/NA	Solid	Moisture	
410-174105-6	SB-6	Total/NA	Solid	Moisture	
410-174105-7	SB-7	Total/NA	Solid	Moisture	
410-174105-8	SB-8	Total/NA	Solid	Moisture	
410-174105-9	SB-10	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: Trip Blank

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 17:51

Lab Sample ID: 410-174105-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	516696	K4WN	ELLE	06/12/24 22:15

Client Sample ID: GW1

Date Collected: 05/31/24 09:15

Date Received: 05/31/24 17:51

Lab Sample ID: 410-174105-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	516696	K4WN	ELLE	06/12/24 23:37
Total/NA	Prep	3510C			514592	T9CY	ELLE	06/06/24 15:46
Total/NA	Analysis	8270E		1	514781	N5QU	ELLE	06/07/24 16:45

Client Sample ID: GW2

Date Collected: 05/31/24 09:45

Date Received: 05/31/24 17:51

Lab Sample ID: 410-174105-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	516696	K4WN	ELLE	06/13/24 01:59
Total/NA	Prep	3510C			514320	YDF5	ELLE	06/06/24 08:20
Total/NA	Analysis	8270E		1	514574	W6ZA	ELLE	06/07/24 01:07
Total/NA	Prep	3510C			514320	YDF5	ELLE	06/06/24 08:20
Total/NA	Analysis	8270E		1	515441	N5QU	ELLE	06/10/24 21:08

Client Sample ID: SB-2

Date Collected: 05/31/24 09:15

Date Received: 05/31/24 17:51

Lab Sample ID: 410-174105-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	513458	X4C8	ELLE	06/04/24 11:50

Client Sample ID: SB-2

Date Collected: 05/31/24 09:15

Date Received: 05/31/24 17:51

Lab Sample ID: 410-174105-4

Matrix: Solid

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			514723	UK3O	ELLE	06/06/24 23:01
Total/NA	Analysis	8260D		50	516956	UCB5	ELLE	06/13/24 14:34
Total/NA	Prep	3546			516620	MD4W	ELLE	06/12/24 16:05
Total/NA	Analysis	8270E		1	516862	N5QU	ELLE	06/13/24 16:53
Total/NA	Prep	3050B			513724	HNC4	ELLE	06/05/24 08:40
Total/NA	Analysis	6020B		2	516257	UCIG	ELLE	06/11/24 14:08
Total/NA	Prep	7471B			513725	HNC4	ELLE	06/05/24 10:15
Total/NA	Analysis	7471B		1	514569	UEFS	ELLE	06/06/24 08:55

Lab Chronicle

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Date Collected: 05/31/24 12:00

Matrix: Solid

Date Received: 05/31/24 17:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	513458	X4C8	ELLE	06/04/24 11:50

Client Sample ID: SB-5

Lab Sample ID: 410-174105-5

Date Collected: 05/31/24 12:00

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			514723	UK3O	ELLE	06/06/24 23:01
Total/NA	Analysis	8260D		50	516956	UCB5	ELLE	06/13/24 14:55
Total/NA	Prep	3546			516620	MD4W	ELLE	06/12/24 16:05
Total/NA	Analysis	8270E		1	516862	N5QU	ELLE	06/13/24 17:17
Total/NA	Prep	3050B			513724	HNC4	ELLE	06/05/24 08:40
Total/NA	Analysis	6020B		2	516257	UCIG	ELLE	06/11/24 14:10

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Date Collected: 05/31/24 11:30

Matrix: Solid

Date Received: 05/31/24 17:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	513458	X4C8	ELLE	06/04/24 11:50

Client Sample ID: SB-6

Lab Sample ID: 410-174105-6

Date Collected: 05/31/24 11:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			514723	UK3O	ELLE	06/06/24 23:01
Total/NA	Analysis	8260D		50	516956	UCB5	ELLE	06/13/24 15:16
Total/NA	Prep	3546			516620	MD4W	ELLE	06/12/24 16:05
Total/NA	Analysis	8270E		1	516862	N5QU	ELLE	06/13/24 17:42
Total/NA	Prep	3050B			513724	HNC4	ELLE	06/05/24 08:40
Total/NA	Analysis	6020B		2	516257	UCIG	ELLE	06/11/24 14:12
Total/NA	Prep	7471B			513725	HNC4	ELLE	06/05/24 10:15
Total/NA	Analysis	7471B		1	514569	UEFS	ELLE	06/06/24 09:02

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Date Collected: 05/31/24 12:20

Matrix: Solid

Date Received: 05/31/24 17:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	513458	X4C8	ELLE	06/04/24 11:50

Lab Chronicle

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Client Sample ID: SB-7

Lab Sample ID: 410-174105-7

Date Collected: 05/31/24 12:20

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			514723	UK3O	ELLE	06/06/24 23:01
Total/NA	Analysis	8260D		50	516956	UCB5	ELLE	06/13/24 15:37
Total/NA	Prep	3546			516620	MD4W	ELLE	06/12/24 16:05
Total/NA	Analysis	8270E		1	516862	N5QU	ELLE	06/13/24 18:06
Total/NA	Prep	3050B			513724	HNC4	ELLE	06/05/24 08:40
Total/NA	Analysis	6020B		2	516257	UCIG	ELLE	06/11/24 14:14

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Date Collected: 05/31/24 12:30

Matrix: Solid

Date Received: 05/31/24 17:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	513458	X4C8	ELLE	06/04/24 11:50

Client Sample ID: SB-8

Lab Sample ID: 410-174105-8

Date Collected: 05/31/24 12:30

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			514723	UK3O	ELLE	06/06/24 23:01
Total/NA	Analysis	8260D		50	516956	UCB5	ELLE	06/13/24 15:58
Total/NA	Prep	3546			516620	MD4W	ELLE	06/12/24 16:05
Total/NA	Analysis	8270E		1	516862	N5QU	ELLE	06/13/24 18:30
Total/NA	Prep	3050B			513724	HNC4	ELLE	06/05/24 08:40
Total/NA	Analysis	6020B		2	516257	UCIG	ELLE	06/11/24 14:16

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Date Collected: 05/31/24 12:10

Matrix: Solid

Date Received: 05/31/24 17:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	513458	X4C8	ELLE	06/04/24 11:50

Client Sample ID: SB-10

Lab Sample ID: 410-174105-9

Date Collected: 05/31/24 12:10

Matrix: Solid

Date Received: 05/31/24 17:51

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			514723	UK3O	ELLE	06/06/24 23:01
Total/NA	Analysis	8260D		50	516956	UCB5	ELLE	06/13/24 16:19
Total/NA	Prep	3546			516620	MD4W	ELLE	06/12/24 16:05
Total/NA	Analysis	8270E		1	516862	N5QU	ELLE	06/13/24 18:54
Total/NA	Prep	3050B			513724	HNC4	ELLE	06/05/24 08:40
Total/NA	Analysis	6020B		2	516257	UCIG	ELLE	06/11/24 14:18
Total/NA	Prep	7471B			513725	HNC4	ELLE	06/05/24 10:15
Total/NA	Analysis	7471B		1	514569	UEFS	ELLE	06/06/24 08:58

Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Chronicle

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

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Accreditation/Certification Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

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:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Claymore Environmental, LLC
Project/Site: Williamstown, NJ

Job ID: 410-174105-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-174105-1	Trip Blank	Water	05/31/24 00:00	05/31/24 17:51
410-174105-2	GW1	Water	05/31/24 09:15	05/31/24 17:51
410-174105-3	GW2	Water	05/31/24 09:45	05/31/24 17:51
410-174105-4	SB-2	Solid	05/31/24 09:15	05/31/24 17:51
410-174105-5	SB-5	Solid	05/31/24 12:00	05/31/24 17:51
410-174105-6	SB-6	Solid	05/31/24 11:30	05/31/24 17:51
410-174105-7	SB-7	Solid	05/31/24 12:20	05/31/24 17:51
410-174105-8	SB-8	Solid	05/31/24 12:30	05/31/24 17:51
410-174105-9	SB-10	Solid	05/31/24 12:10	05/31/24 17:51

410-174105 Chain of Custody



6/14/2024

Environment Testing

6/14/2024

Login Sample Receipt Checklist

Client: Claymore Environmental, LLC

Job Number: 410-174105-1

Login Number: 174105

List Number: 1

Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(<=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (<=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	False	Headspace greater than 6mm in diameter in some but not all containers

Environmental Professional Resume

CLAYMORE ENVIRONMENTAL RESUME

Mike Reiner

ENVIRONMENTAL SCIENTIST

Education

Bachelors – Environmental Science, Del Val University 2018

Associates – Liberal Studies, MCCC 2016

Project Experience

Gasoline Retailers, PA/NJ/DE/NY – As an Environmental Scientist, Mr. Reiner has experience with groundwater and soil monitoring, remediation system O&M, and monitoring well reconditioning oversight.

Industrial/Commercial/Residential Properties – Mr. Reiner prepared and reviewed Phase I Environmental Assessments and Property Condition Assessments for various property types throughout the East Coast.

Pond/Lake Management – Mr. Reiner participated in the collaborative management of over 200 pond and lake client contracts throughout the northeast involving algae and plant control, water quality studies, fishery studies, aquatic plant surveys, sediment studies, and aeration system design and installation.

INDUSTRY TENURE

ENV: 2018

RELATED EXPERIENCE

Environmental Site Assessment
Property Condition Assessment
GW/Soil Monitoring
Remediation System O&M
Pond/Lake Management
Water Quality Monitoring
Sediment Studies
Fishery Studies
Aquatic Plant Surveys

INDUSTRY EXPERIENCE

Gas Stations
Dry Cleaners
Residential Developers
Industrial/Commercial

ACTIVE LICENSES/REGISTRATION

HAZWOPER
PA Boating Safety Certificate

REGIONAL LOCATION

Philadelphia, PA

CLAYMORE ENVIRONMENTAL RESUME

Kevin Brien, P.E.

PRINCIPAL ENGINEER

Education

MSc, Water Resources and Environmental Eng., Villanova, 2004
BS, Environmental Science, Thomas Jefferson University, 2001
BTech, Civil Engineering, Strathclyde University Scotland, 1998

Project Experience

Gasoline Retailers, PA/NJ/DE/NY – As a Senior Engineer, Mr. Brien managed the investigation and remediation of over 400 retail gasoline facilities. Projects have involved the removal of underground storage tanks, monitor well installation, soil and groundwater monitoring, and remedial action implementation.

International Medical Waste Company, Multiple locations – Mr. Brien prepared and reviewed Phase I/II Environmental Assessments and Property Condition Assessments for warehouse and industrial facilities throughout the East Coast.

Self-Storage Company, Multiple locations throughout the United States – As Due Diligence Lead, Mr. Brien prepared and reviewed Phase I/II Environmental Assessments and Property Condition Assessments for over 200 facilities throughout the United States.

Automobile Manufacturer, Newark, DE and Huntsville, AL – As a Senior Environmental Engineer, Mr. Brien managed the investigation and remediation of multiple manufacturing plants impacted by petroleum and chlorinated solvent releases. Remediation technologies implemented included chem-ox injection and SVE/MPE systems.

Fortune 500 Company, San Juan, PR – As Senior Environmental Engineer, Mr. Brien managed the investigation and remediation of a Superfund site in Puerto Rico impacted by chlorinated solvent releases. This project involved the design and installation of a complex SVE/MPE remediation system.

INDUSTRY TENURE

ENV: 2001

RELATED EXPERIENCE

Environmental Site Assessment
Property Condition Assessment
Remediation System Design
UST Closure and Remediation
Retail Gasoline Portfolios
Industrial Site Portfolios
Expert Witness Testimony

INDUSTRY EXPERIENCE

Gas Stations
Dry Cleaners
Hospitality
Residential Developers
Industrial

ACTIVE LICENSES/REGISTRATION

Professional Engineer (PA/DE)
NJDEP Subsurface Evaluator
NJDEP UHOT Closure
PADEP UST/AST Closure

REGIONAL LOCATION

Philadelphia, PA