SOIL AND GROUNDWATER ASSESSMENT
DOMESTIC WATER SUPLLY SAMPLE COLLECTION AND ANALYSIS
440 SPORT HILL ROAD
EASTON, CONNECTICUT
SPILL #2022-00667
HAZ ID 1227
REM ID 14990
PROJECT #965

Prepared for:

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November 2022

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Principal

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1.0 INTRODUCTION

ADVANCED ENVIRONMENTAL REDEVELOPMENT (AER) is pleased to submit this report concerning the investigation of on-Site soil, on-Site groundwater and adjacent property potable water supply quality at the 440 Sport Hill Road Site, located in Easton, Connecticut (Site). The location of private wells and a Site plan are found on Figures 1 and 2. This work is intended to document the quality of on-Site groundwater and soil remaining on-Site as requested by the Connecticut Department of Energy and Environmental Protection (CTDEEP) as outlined in their October 18, 2022, letter entitled *Acknowledgement, Notification of Significant Environmental Hazard, Pursuant to Connecticut General Statutes Section 22a-6u.*

Easton GIS mapping designates the Site as a single parcel of land consisting of two addresses:

1. 444 Sport Hill Road (former Easton Country Store and now vacant) is the property where a gasoline and diesel dispensing facility was located and was taken out of service in March 2022.

2. 438 Sport Hill Road which is occupied by a residence. A water supply well that services both addresses is located on this property.

For clarity purposes going forward, the Site, the area of concern of where the refueling station was located, will be designated 440 Sport Hill Road, its mailing address.

1.1 Water Quality Classifications

According to the *Water Quality Classifications, Easton, Connecticut,* dated October 2018, groundwater beneath the Site is classified as GAA designating groundwaters of unlimited use. The Site is located approximately 2,500 feet west and upgradient of the Easton Reservoir. Groundwater beneath the Site would likely discharge to an unnamed brook located approximately 1,000 feet to the east. This brook is classified A indicating fresh surface water of limited use. Groundwater in the area provides potable water resources and area surface water discharges to the Easton Reservoir.

2.0 CONNECTICUT REMEDIATION STANDARD REGULATIONS

The Remediation Standard Regulations (RSR's) 22a-133k-1 through -3 revised February 16, 2021, document procedures necessary to evaluate affected media and the appropriateness of remedial actions at identified releases. A summary of applicable RSR criteria are presented below.

2.1 RSR Soil Criteria

A soil release area is defined as an area of polluted soil exceeding the analytical detection limit for a particular substance or exceeding Site-specific background concentrations. Contaminants of

concern, such as most volatile organic compounds and refined petroleum products, are not naturally occurring and their detection is inferred to represent a release.

If a soil release is identified, the RSR Soil Remediation Standards require polluted soil at a release area to be remediated to meet specific soil Criteria. According to the CTDEEP website:

> ***Direct Exposure Criteria*** *are established to protect human health from exposure to contaminants in soil. With some exceptions, these criteria apply to soil located within fifteen feet of the ground surface. Polluted soil must be remediated to a concentration that is consistent with the Residential Direct Exposure Criteria, unless the site is used exclusively for industrial or commercial purposes. In such a case, the less stringent Industrial/Commercial Direct Exposure Criteria may be used, provided an Environmental Use Restriction is recorded to ensure that the site is not used for residential purposes in the future.*
>
> ***Pollutant Mobility Criteria*** *are established to prevent the pollution of groundwater caused by soil contamination that is available to migrate into groundwater. The Pollutant Mobility Criteria apply to soil above either the seasonal low or high-water table, depending on the groundwater quality classification of the site. The RSRs also specify when an alternative Pollutant Mobility Criteria is appropriate. The RSRs include a compliance option using groundwater quality.*
>
> *The RSRs also specify circumstances in which the Pollutant Mobility Criteria do not apply. In general, these circumstances include cases where: polluted soil is located beneath a building, provided an Environmental Use Restriction is recorded to prohibit the building from being intentionally destroyed; widespread polluted fill exists, provided the groundwater in the subject area is not used for drinking water purposes; or an engineered control, such as an engineered cap, has been constructed to prevent the contamination of underlying groundwater.*

Based upon the Site's location in a GAA designated groundwater classified area, the GA Pollutant Mobility Criteria (GAPMC) would apply. Although the Site is utilized for commercial purposes, the Residential Direct Exposure criteria (RDEC) apply to those affected soils unless an Environmental Use Restriction (EUR) is executed on the Site's land records. An EUR is generally used to denote soil above Criteria that remains on-Site beneath a building (inaccessible and environmentally isolated) or beneath an engineered control that restricts access to, or isolates, the affected soils.

2.2 RSR Groundwater Criteria

According to the CTDEEP website:

> *The goals of groundwater remediation include:*
>
> - *Protecting human health*
> - *Preserving high quality groundwater*
> - *Protecting existing uses of groundwater*
> - *Preventing further degradation of groundwater quality*
> - *Preventing degradation of surface water from discharges of contaminated groundwater*
>
> *Three criteria apply to the remediation of a groundwater plume. These criteria include Groundwater Protection Criteria, Surface Water Protection Criteria, and Volatilization Criteria.*

> ***Groundwater Protection Criteria*** *require that groundwater plumes in high quality groundwater areas be remediated to background quality, or, in certain instances, to levels that adequately protect existing and future uses of groundwater as public or private drinking water supplies. In areas that have been classified as having degraded groundwater quality due to historical land use practices, the groundwater must be remediated to adequately protect any existing use of groundwater. The RSRs also specify circumstances in which exemptions or variances from the Groundwater Protection Criteria are appropriate.*

AER notes that the Site is located in a GAA groundwater classified area; therefore, the Groundwater Protection Criteria apply.

In addition, the Volatilization Criteria would also apply:

> ***Volatilization Criteria*** *are established to protect human health from volatile substances in groundwater that may migrate from the groundwater into overlying buildings. The Volatilization Criteria for groundwater vary depending on whether the overlying building is used for residential or industrial/commercial purposes. In cases where the industrial/commercial Volatilization Criteria are appropriate, an Environmental Use Restriction must be recorded to ensure that the site is not used for residential purposes in the future.*

3.0 HISTORICAL INFORMATION

3.1 Underground Storage Tank Removal, March 2022

During February 2022, AER documented the removal of three underground storage tanks, affected soil and approximately 900 gallons of affected groundwater from the Site as documented in AER's report entitled: *Underground Storage Tank and Affected Soil Removal, 438-444 Sport Hill Road, Easton, Connecticut, Spill #2022-00667*, dated March 2022. A total of 11 confirmation soil samples and one groundwater sample were collected from the excavation and analyzed. Soils at the limit of the tank grave excavation exceeded CTDEEP Remediation Standard regulation Criteria for lead, semi-volatile organic compounds and volatile organic compounds at limited locations. Excavation was limited by property boundaries, the building structure and Site utilities. Evidence of petroleum was noted in the groundwater above Criteria.

3.2 Soil Disposal, June 27 and 28, 2022

During this time period, AER documented the off-Site disposal of 598.07 tons of petroleum containing soil from the Site. The soil was generated during the tank removal project completed in March 2022. The soil was transported to the Soil Safe facility in Logan, New Jersey for disposal.

3.3 Additional Soil Disposal, July 13-15, 2022, NOVWSUST 22-002

A portion of the affected soil, prior to the disposal activities of June 2022, was placed along the eastern property line by a Site contractor. The placement of this regulated soil was reported to the CTDEEP and NOVWSUST 22-002 was issued by the CTDEEP. In response, the affected soil was removed and approximately 18.98 tons of affected soil was disposed of at Soil Safe in Carteret, New Jersey on July 15, 2022. Five confirmation soil samples were collected and

analyzed; the soil remaining in-place met Criteria. Low levels of semi-volatile compounds were detected and attributed to the adjacent horse paddock and presence of manure.

3.4 Significant Environmental Hazard Form (SEHF)

A Significant Environmental Hazard Form was submitted to the CTDEEP on August 24, 2022. The CTDEEP acknowledged the receipt of the SEHF by letter dated October 18, 2022. This letter required the collection of water samples from the on-Site and abutting residential properties as well as the completion of a Phase II Environmental Assessment. This November 2022 AER report is intended to satisfy that CTDEEP request.

3.5 Sensitive Environmental Receptor Survey (SERS)

AER completed a SERS during September 2022. Fifteen private water supply wells are located within a 500-foot buffer surrounding the Site. No residents have reported any petroleum impact. No listed state or federal species were identified within the buffer area. No other sensitive uses other than the private water supply wells were identified.

4.0 PRIVATE WATER SUPPLY WELL SAMPLING

Nine water supply wells were located adjacent to the Site; they are located on Figure 1:

1. 1 Center Road, Easton Volunteer Fire Department
2. 25 Old Oak Road, Steven Montgomery, private residence
3. 27 Old Oak Road, Peter and Henrietta Stofova, private residence
4. 422 Sport Hill Road, Highland Place LLC, horse farm/residence
5. 438/440 Sport Hill Road, Site, vacant Easton Village Store (440 Sport Hill Road) and private residence (438 Sport Hill Road). These two structures share the same well located in front of the 438 Sport Hill Road residence.
6. 439 Sport Hill Road, Mathew Lisi, private residence
7. 448 Sport Hill Road, Easton EMS
8. 450 Sport Hill Road, Hillsport LLC, commercial cabinet maker and private residence
9. 452 Sport Hill Road, Irv and Nancy Silverman, farmland, animal preserve

A sample was collected from each well by AER (excluding the 1 Center Road and 448 Sport Hill Road properties) prior to any treatment system and directly from the faucet located at or prior to the pressure tank and before any treatment system. The samples collected by AER were gathered directly into laboratory containers, placed on ice and delivered to Complete Environmental Testing of Stratford, Connecticut. Each sample was analyzed for CTETPH, aromatic volatile organic compounds (EPA Method 524.2) and semi-volatile organic compounds (EPA Method 525.3 PNA's only). The samples were collected between October 28 and November 1, 2022.

No levels of compounds were detected above the method detection limit other than 0.10 ug/l of phenanthrene at the 25 Old Oak Road property. The levels of phenanthrene detected were below the GA Groundwater Protection Criteria (200 ug/l) and the Connecticut Water Quality Standards

(4.37 ug/l). The presence of this compound is not likely due to petroleum products since no other associated petroleum compounds were detected. AER does note that phenanthrene is associated with straw and manure; horse stables are located topographically higher than and immediately adjacent to the 25 Old Oak Road property. Analytical results have been summarized on Table 1 and laboratory reports are found in Appendix A.

Two samples were collected by the Aspetuck Valley Health Department: one from the 1 Center Road property and one from the 448 Sport Hill Road property. The samples were analyzed by the CTDPH laboratory in Rocky Hill, Connecticut for traditional potable water analytes as well as CTETPH and volatile organic compounds using EPA Method 524.2. The analytical results indicated that no CTETPH or volatile organic compounds were detected above the laboratory reporting limit. AER was denied access to these two properties and did not observe the sample collection. These analytical reports are found in Appendix A.

In addition to groundwater samples collected by AER on October 28, the homeowner of the private residence located at 25 Old Oak Road also collected and analyzed a water sample. Aquatek of Woodbridge, Connecticut collected a groundwater sample from this property on July 25, 2022; the sample was reported to have been collected prior to any treatment system. The sample was analyzed for EPA Method 524.2 volatile organic compounds. The analytical report found in Appendix A, indicates that no compounds were detected above the laboratory method limit.

Well completion reports were available for the following properties:

1. 1 Center Road
2. 25 Old Oak Road
3. 27 Old Oak Road
4. 450 Sport Hill Road

These well completion reports are found in Appendix A.

5.0 TEST BORING AND MONTOR WELL INSTALLATION

On October 4 and 5, 2022, AER documented the installation of three shallow test borings completed as monitor wells at the locations shown on Figure 2. The test borings and monitor wells were installed using hollow stem augers or two-inch diameter air hammer (within the bedrock) by Hardiman and Associates of Shelton, Connecticut. Photographs of field activities are included in Appendix B.

Soil samples were collected by driving a two-inch split spoon 24 inches using a 150-pound hammer dropping approximately 30 inches; where soils were too compact for driving split spoons, soil samples were collected from the auger flights. Groundwater was not encountered in the borings above the bedrock surface during the drilling process. The bedrock surface was encountered in each boring approximately 10 feet below grade. A two-inch diameter air hammer was utilized to extend the shallow wells into the bedrock in order to encounter the groundwater

surface. The borings were extended to a depth of no greater than 25 feet below grade. The soils encountered above the bedrock surface consisted of brown fine to coarse sand and gravel with silt.

The wells were constructed using two-inch diameter, PVC, threaded flush joint casing and completed within flush mount gate boxes. Ten-foot well screens were placed generally between 10 and 25 feet below grade. Test boring logs are found in Appendix C.

6.0 SOIL AND GROUNDWATER SAMPLING AND ANALYTICAL RESULTS

6.1 Soil

One soil sample was collected from each of the three borings at a depth of approximately five to seven feet below grade. The soil samples collected were analyzed for:

US EPA Method 8260 Aromatics
CTETPH
US EPA Method 8270 PNAs
Total and SPLP Lead

Analytical soil results are found on Table 2. Soils at location MW-3 exhibited levels of SPLP lead equal to the GA Pollutant Mobility Criteria. No petroleum odors were noted in the soil sample. A likely source of the SPLP lead is the recycled asphalt product found surrounding this area; no historical petroleum related activities have been conducted in this area. Laboratory reports are found in Appendix A.

6.2 Groundwater

On October 6, 2022, AER collected groundwater samples from the four newly installed monitor wells. The samples were collected using methods similar to the *Low Flow (Minimal Drawdown) Ground-Water Sampling Procedures*, USEPA April 1996. Low flow data sampling sheets and analytical reports are attached in Appendix C. Each sample was analyzed for:

US EPA Method 8260 Aromatics
CTETPH
US EPA Method 8270 PNAs

Analytical results, summarized on Table 3, indicate that groundwater beneath the Site has been impacted by petroleum products. CTETPH was detected at a level greater than the Groundwater Protection Criteria within monitor well MW-1 located adjacent to the former tank excavation. ETPH levels at the two other wells were detected at a level less than the Criteria. AER notes that no evidence of a separate phase petroleum product was noted in the monitor wells. Laboratory reports are found in Appendix A.

7.0 DATA QUALITY OBJECTIVES (DQOS) AND USABILITY

The objectives of the investigations were to assess Site soil, groundwater and surface water quality in accordance with the prevailing standards and guidelines (RSR's February 2021). Procedures used to ensure that the DQOs for the project were met, and that the data are usable include:

- Review of past environmental Site activities and available reports.
- The selection and use of CTDEEP and USEPA recommended analytical methods. The analysis was performed by Complete Environmental Testing of Stratford, Connecticut, a CTDPH certified lab.
- The use of predetermined and industry standard sample handling and custody procedures including sample preservation and chain of custody use. Soil samples retrieved for volatile organic compound analysis by AER were collected using the CTDEEP March 1, 2006, Soil Preservation Guidance. Groundwater samples were collected using procedures similar to State and Federal approved low-flow sample collection methods.
- The use of predetermined data management and documentation procedures, including the Reasonable Confidence Protocols.
- A review of sampling locations, activities performed at or near those locations and potential constituents of concern.
- Review of published information from available local, State and Federal data bases.

In general, the data collected has been found to meet the DQO's and has been used for Site soil, groundwater and soil vapor evaluation.

8.0 DIRECTION OF GROUNDWATER FLOW

After well installation, each of the monitor wells was surveyed for relative elevation. The elevation data was recorded on Table 4. Using the depth to water measurements recorded during groundwater sample collection, groundwater elevation and flow direction for the shallow aquifer can be calculated. This data indicates a northeastern groundwater flow direction as shown in Figure 2.

9.0 CONCLUSIONS AND RECOMENDATIONS

Groundwater in adjacent potable water supply wells met the Groundwater Protection Criteria and the Connecticut water Quality Standards.

Three monitor wells have been located on the Site. Soil samples have been collected from each boring and analyzed for petroleum related compounds. Only total lead was detected at a level equal to the GA Pollutant Mobility Criteria at location MW-3. MW-3 is located in an area of recycled asphalt millings; this lead may be the result of the millings since no prior petroleum related activity has been performed in this area. Prior soil analysis performed during the tank removal conducted in March 2022 indicated the presence of SPLP lead greater than the GA Pollutant Mobility Criteria along the southern wall of the tank excavation.

Groundwater samples were collected from the three on-Site monitor wells and indicated the presence of ETPH. Only ETPH at location MW-1, located adjacent to the former tank excavation indicated the presence of ETPH at levels greater than the Groundwater Protection Criteria.

AER recommends that:

1. Affected lead containing soil documented south of the former tank excavation should be excavated and disposed of off-Site. Additional confirmation soil samples should be collected at the limit of the excavation.

2. Periodic enhanced fluid and vapor recovery (EFVR) using a vac-truck at the three affected monitor wells would be an appropriate first step toward the improvement of groundwater quality. Depending upon the results of the EFVR, additional groundwater remediation activities may be appropriate.

3. Groundwater samples should be collected periodically to document groundwater quality and assess the need for additional groundwater remedial activities.

10.0 LIMITATIONS

The purpose of this investigation was to convey a professional opinion about the potential presence or absence of contamination, or sources of contamination on the property, and to identify existing and/or potential environmental problems associated with the property. This work was performed by AER personnel in accordance with accepted industry standards.

TABLES

TABLE 1
SUMMARY OF DETECTED COMPOUNDS IN PRIVATE WATER SUPPLY WELLS
OCTOBER 2022
440 SPORT HILL ROAD
EASTON, CONNECTICUT

Compound/Location	25 Old Oak Road	CTDEEP GWPC	CTDEEP CTWQS
Phenanthrene (ug/l)	0.10	200	4.37

Notes:
ug/l – micrograms per liter
CT DEEP GWPC; CTWQS – Connecticut Department of Energy and Environmental Protection; Groundwater Protection Criteria; Connecticut Water Quality Standards

TABLE 2
SUMMARY OF DETECTED COMPOUNDS IN SOIL
OCTOBER 2022
440 SPORT HILL ROAD
EASTON, CONNECTICUT

Compound/Location	MW-1	MW-2	MW-3	CTDEEP RDEC	CTDEEP I/CDEC	CTDEEP GAPMC
Total Lead (mg/kg)	2.8	2.9	28	400	1000	NS
SPLP Lead (mg/l)	ND	ND	**0.015**	NS	NS	0.015

Notes:
MW-1 – Soil sample location
mg/kg – milligrams/kilogram
mg/ml – milligrams per liter
ND – not detected above method detection limit
NS – no standard
CT DEEP; RDEC; I/CDEC; GAPMC – Connecticut Department of Energy and Environmental Protection; Residential Direct Exposure Criteria; Industrial/Commercial Direct Exposure Criteria; GA Pollutant Mobility Criteria

TABLE 3
SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER
OCTOBER 2022
440 SPORT HILL ROAD
EASTON, CONNECTICUT

Parameter/Location	*MW-1*	*MW-2*	*MW-3*	*GWPC*	*RVC*	*I/CVC*
ETPH (*mg/l*)	**0.39**	0.18	0.12	0.25	NS	NS

Notes:

GW – Sample location
ug/l – micrograms/liter
mg/l – milligrams/liter
GWPC – Groundwater Protection Criteria
RVC – Residential Volatilization Criteria
I/CVC – Industrial/Commercial Volatilization Criteria
* - Additional Polluting Substance
NS – No Standard

TABLE 4
GROUNDWATER ELEVATION DATA OCTOBER 2022
440 SPORT HILL ROAD
EASTON, CONNECTICUT

Location	*Elevation of Reference Point (Top of PVC)*	*Depth to Water in Feet*	*Elevation of the Groundwater Surface in Feet*
MW-1	101.55	5.81	95.7
MW-2	100.76	6.79	94.0
MW-3	97.13	8.04	89.1

FIGURES

Saturday, November 5, 2022 3:54:18 PM

LEGEND

GW ⊕ APPROXIMATE LOCATION OF MONITOR WELL

APPROXIMATE LIMIT OF FORMER TANK GRAVE

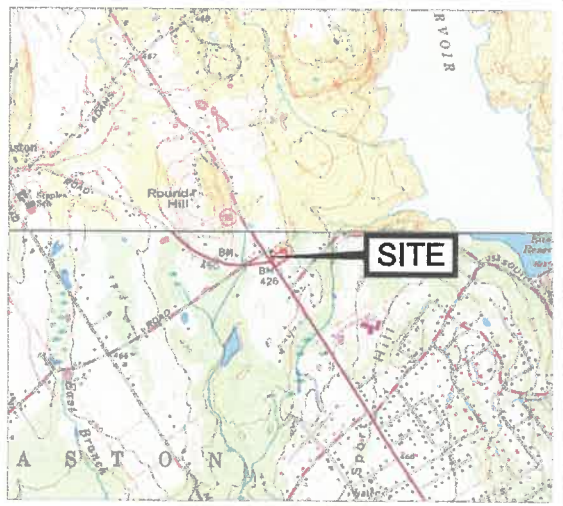
APPROXIMATE LOCATION OF PROPERTY LINE

KEY TO GROUNDWATER CONTOURS

(95.7) GROUNDWATER ELEVATION IN FEET

DIRECTION OF INFERRED GROUNDWATER FLOW

93.0 INFERRED GROUNDWATER CONTOUR IN FEET



SITE LOCATOR

APPROXIMATE SCALE: 1" = 1,500'

444 SPORT HILL ROAD

438 SPORT HILL ROAD

SPORT HILL ROAD

MW-1 (95.7)

(94.0) MW-2

ASPHALT

UTILITY COORIDOR

GRAVEL

(89.1) MW-3

95.0

94.0

93.0

92.0

91.0

90.0

0 10 25 50

Scale in Feet

0965-1B.DWG

RESEARCH REMEDIATE REBUILD

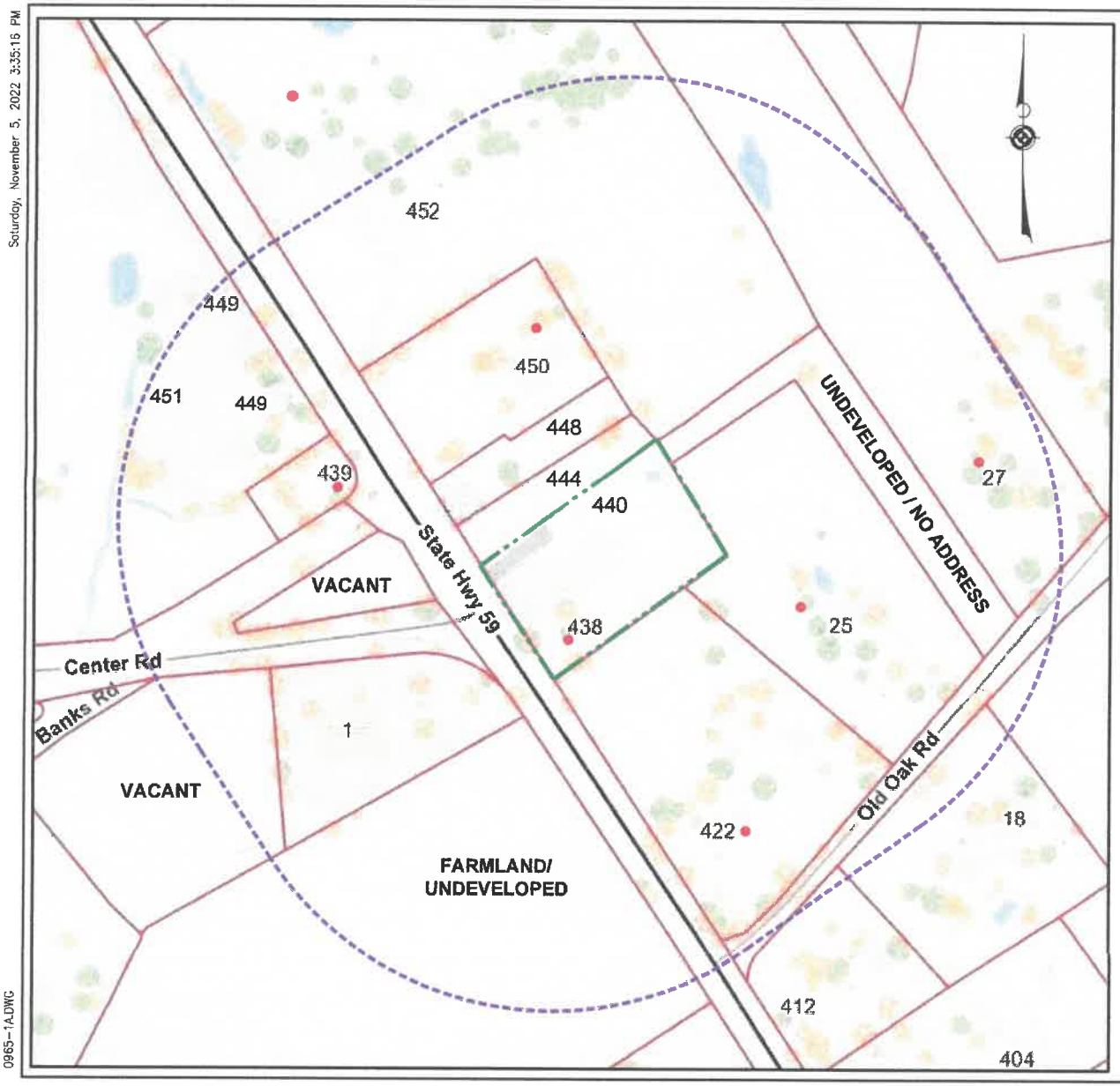
ADVANCED ENVIRONMENTAL REDEVELOPMENT, LLC

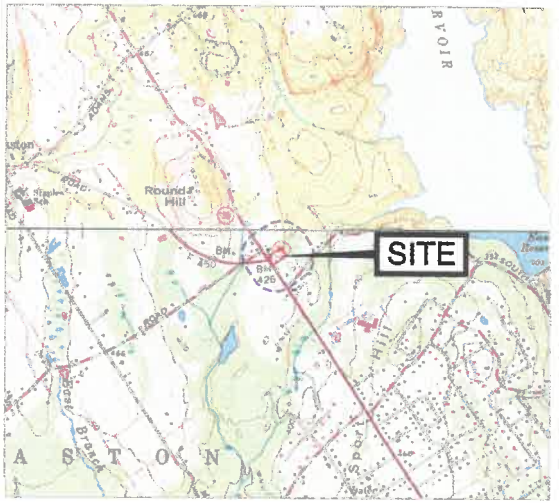
900 Madison Avenue, Suite 213 Bridgeport, Connecticut 06606 www.aerct.com

440 SPORT HILL ROAD
EASTON, CONNECTICUT

SITE PLAN

DRAWN BY:	JJS
APPROVED BY:	CK
REVISION DATE:	10/19/22
FILE No.	0965-1A
DATE CREATED	2/28/22
SCALE	AS SHOWN
PROJECT No.	0965
FIGURE No.	1





SITE LOCATOR
APPROXIMATE SCALE: 1" = 1,500'

LEGEND

- APPROXIMATE LOCATION OF WATER SUPPLY WELL
- APPROXIMATE LINE OF 500' BUFFER
- APPROXIMATE LOCATION OF SITE

0 80 160 240 320
Scale in Feet

RESEARCH REMEDIATE REBUILD
ADVANCED ENVIRONMENTAL REDEVELOPMENT, LLC
900 Madison Avenue, Suite 213 Bridgeport, Connecticut 06606 www.aerct.com

440 SPORT HILL ROAD
EASTON, CONNECTICUT

LOCATION OF PRIVATE WELLS

DRAWN BY:	JJS
APPROVED BY:	CK
REVISION DATE:	11/5/22
FILE No.	0965-1A
DATE CREATED	2/28/22
SCALE	AS SHOWN
PROJECT No.	0965
FIGURE No.	1

Saturday, November 5, 2022 3:35:16 PM

0965-1A.DWG

APPENDIX A
LABORATORY REPORTS AND WELL COMPLETION REPORTS

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

COMPLETE ENVIRONMENTAL TESTING, INC.

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2100051

Report Date:October 10, 2022
Project: ECS

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 4.5°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-1	2100051-01	Soil	10/04/2022 11:00	10/04/2022
MW-2	2100051-02	Soil	10/04/2022 11:00	10/04/2022
MW-3	2100051-03	Soil	10/04/2022 11:00	10/04/2022

CET # : 2100051
Project: ECS

Analyte: Percent Solids [SM 2540 G] **Analyst: MV**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100051-01	MW-1	93	1.0	%	1	B2J0505	10/05/2022	10/05/2022 14:10	
2100051-02	MW-2	84	1.0	%	1	B2J0505	10/05/2022	10/05/2022 14:10	
2100051-03	MW-3	84	1.0	%	1	B2J0505	10/05/2022	10/05/2022 14:10	

Analyte: Total Lead [EPA 6010C] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100051-01	MW-1	2.8	2.1	mg/kg dry	1	B2J0504	10/05/2022	10/05/2022 18:49	
2100051-02	MW-2	2.9	2.2	mg/kg dry	1	B2J0504	10/05/2022	10/05/2022 18:53	
2100051-03	MW-3	28	2.2	mg/kg dry	1	B2J0504	10/05/2022	10/05/2022 18:57	

Analyte: SPLP Lead [EPA 6020A] **Analyst: SS**

Prep: EPA 3005A-1312 **Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100051-01	MW-1	ND	0.013	mg/L	1	B2J0526	10/05/2022	10/05/2022 15:03	
2100051-02	MW-2	ND	0.013	mg/L	1	B2J0526	10/05/2022	10/05/2022 15:36	
2100051-03	MW-3	0.015	0.013	mg/L	1	B2J0526	10/05/2022	10/05/2022 15:41	

CET # : 2100051
Project: ECS

Client Sample ID MW-1

Lab ID: 2100051-01

Conn. Extractable TPH
Method: CT-ETPH

Analyst: PDS
Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	53	1	EPA 3550C	B2J0701	10/07/2022	10/07/2022 17:58	
Surrogate: Octacosane	*96.2 %*	*50 - 150*			B2J0701	10/07/2022	*10/07/2022 17:58*	

Semivolatile Organics
Method: EPA 8270D

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Acenaphthylene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Acenaphthene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Fluorene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Phenanthrene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Anthracene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Fluoranthene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Pyrene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Benzo[a]anthracene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Chrysene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Benzo[a]pyrene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:24	
Surrogate: Nitrobenzene-d5	*49.2 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 18:24*	
Surrogate: 2-Fluorobiphenyl	*59.0 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 18:24*	
Surrogate: Terphenyl-d14	*73.4 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 18:24*	

CET # : 2100051
Project: ECS

Client Sample ID MW-1

Lab ID: 2100051-01

Volatile Organics
Method: EPA 8260C

Analyst: RAN

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Benzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Toluene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Chlorobenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Ethylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
m+p Xylenes	ND	9.0	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
o-Xylene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Styrene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Isopropylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Bromobenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
n-Propylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
2-Chlorotoluene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
4-Chlorotoluene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,3,5-Trimethylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
tert-Butylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,2,4-Trimethylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
sec-Butylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,3-Dichlorobenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
4-Isopropyltoluene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,4-Dichlorobenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,2-Dichlorobenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
n-Butylbenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,2,4-Trichlorobenzene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Hexachlorobutadiene	ND	4.5	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Naphthalene	ND	9.0	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
1,2,3-Trichlorobenzene	ND	9.0	1.67	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:08	
Surrogate: 1,2-Dichloroethane-d4	*80.3 %*		*70 - 130*		B2J0542	10/05/2022	*10/05/2022 14:08*	
Surrogate: Toluene-d8	*96.8 %*		*70 - 130*		B2J0542	10/05/2022	*10/05/2022 14:08*	
Surrogate: 4-Bromofluorobenzene	*98.8 %*		*70 - 130*		B2J0542	10/05/2022	*10/05/2022 14:08*	

Client Sample ID MW-2

Lab ID: 2100051-02

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	B2J0701	10/07/2022	10/07/2022 20:07	
Surrogate: Octacosane	*92.0 %*	*50 - 150*			B2J0701	10/07/2022	*10/07/2022 20:07*	

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
2-Methyl Naphthalene	ND	240	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Acenaphthylene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Acenaphthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Fluorene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Phenanthrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Anthracene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Fluoranthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Pyrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Benzo[a]anthracene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Chrysene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Benzo[b]fluoranthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Benzo[k]fluoranthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Benzo[a]pyrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Indeno[1,2,3-cd]pyrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Benzo[g,h,i]perylene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 18:49	
Surrogate: Nitrobenzene-d5	*52.4 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 18:49*	
Surrogate: 2-Fluorobiphenyl	*64.2 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 18:49*	
Surrogate: Terphenyl-d14	*75.2 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 18:49*	

CET # : 2100051
Project: ECS

Client Sample ID MW-2

Lab ID: 2100051-02

Volatile Organics
Method: EPA 8260C

Analyst: RAN

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Benzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Toluene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Chlorobenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Ethylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
m+p Xylenes	ND	6.2	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
o-Xylene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Styrene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Isopropylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Bromobenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
n-Propylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
2-Chlorotoluene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
4-Chlorotoluene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,3,5-Trimethylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
tert-Butylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,2,4-Trimethylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
sec-Butylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,3-Dichlorobenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
4-Isopropyltoluene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,4-Dichlorobenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,2-Dichlorobenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
n-Butylbenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,2,4-Trichlorobenzene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Hexachlorobutadiene	ND	3.1	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Naphthalene	ND	6.2	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
1,2,3-Trichlorobenzene	ND	6.2	1.05	EPA 5035A-L	B2J0542	10/05/2022	10/05/2022 14:57	
Surrogate: 1,2-Dichloroethane-d4	*80.0 %*		*70 - 130*		B2J0542	10/05/2022	*10/05/2022 14:57*	
Surrogate: Toluene-d8	*97.6 %*		*70 - 130*		B2J0542	10/05/2022	*10/05/2022 14:57*	
Surrogate: 4-Bromofluorobenzene	*98.8 %*		*70 - 130*		B2J0542	10/05/2022	*10/05/2022 14:57*	

CET # : 2100051
Project: ECS

Client Sample ID MW-3

Lab ID: 2100051-03

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	59	1	EPA 3550C	B2J0701	10/07/2022	10/07/2022 20:29	
Surrogate: Octacosane	*93.6 %*	*50 - 150*			B2J0701	10/07/2022	*10/07/2022 20:29*	

Semivolatile Organics **Analyst: TWF**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
2-Methyl Naphthalene	ND	240	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Acenaphthylene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Acenaphthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Fluorene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Phenanthrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Anthracene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Fluoranthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Pyrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Benzo[a]anthracene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Chrysene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Benzo[b]fluoranthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Benzo[k]fluoranthene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Benzo[a]pyrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Indeno[1,2,3-cd]pyrene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Benzo[g,h,i]perylene	ND	120	1	EPA 3545A	B2J0702	10/07/2022	10/07/2022 19:15	
Surrogate: Nitrobenzene-d5	*46.2 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 19:15*	
Surrogate: 2-Fluorobiphenyl	*54.2 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 19:15*	
Surrogate: Terphenyl-d14	*72.3 %*	*30 - 130*			B2J0702	10/07/2022	*10/07/2022 19:15*	

CET # : 2100051
Project: ECS

Client Sample ID MW-3

Lab ID: 2100051-03

Volatile Organics
Method: EPA 8260C

Analyst: RAN

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Benzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Toluene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Chlorobenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Ethylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
m+p Xylenes	ND	9.1	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
o-Xylene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Styrene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Isopropylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Bromobenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
n-Propylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
2-Chlorotoluene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
4-Chlorotoluene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,3,5-Trimethylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
tert-Butylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,2,4-Trimethylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
sec-Butylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,3-Dichlorobenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
4-Isopropyltoluene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,4-Dichlorobenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,2-Dichlorobenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
n-Butylbenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,2,4-Trichlorobenzene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Hexachlorobutadiene	ND	4.5	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Naphthalene	ND	9.1	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
1,2,3-Trichlorobenzene	ND	9.1	1.52	EPA 5035A-L	B2J0637	10/06/2022	10/06/2022 17:50	
Surrogate: 1,2-Dichloroethane-d4	*108 %*		*70 - 130*		B2J0637	10/06/2022	*10/06/2022 17:50*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B2J0637	10/06/2022	*10/06/2022 17:50*	
Surrogate: 4-Bromofluorobenzene	*99.8 %*		*70 - 130*		B2J0637	10/06/2022	*10/06/2022 17:50*	

QUALITY CONTROL SECTION

Batch B2J0504 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J0504-BLK1)					Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	ND	2.0							
LCS (B2J0504-BS1)					Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	22.2	2.0	24.558		90.4	80 - 120			

CET # : 2100051
Project: ECS

Batch B2J0526 - EPA 6020A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J0526-BLK1)					Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	ND	0.013							
LCS (B2J0526-BS1)					Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	0.201	0.013	0.200		100	80 - 120			
Duplicate (B2J0526-DUP1)		**Source: 2100051-01**			Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	ND	0.013		ND				20	
Matrix Spike (B2J0526-MS1)		**Source: 2100051-01**			Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	0.201	0.013	0.200	ND	100	75 - 125			
Matrix Spike Dup (B2J0526-MSD1)		**Source: 2100051-01**			Prepared: 10/5/2022 Analyzed: 10/5/2022				
Lead	0.206	0.013	0.200	ND	103	75 - 125	2.66	20	

CET # : 2100051
Project: ECS

Batch B2J0542 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J0542-BLK1)					Prepared: 10/5/2022 Analyzed: 10/5/2022				
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
Benzene	ND	2.5							
Toluene	ND	2.5							
Chlorobenzene	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Isopropylbenzene	ND	2.5							
Bromobenzene	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*85.9*	*70 - 130*			
Surrogate: Toluene-d8					*96.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*100*	*70 - 130*			
LCS (B2J0542-BS1)					Prepared: 10/5/2022 Analyzed: 10/5/2022				
Methyl-t-Butyl Ether (MTBE)	48.3	2.5	50.000		96.6	70 - 130			
Benzene	52.7	2.5	50.000		105	70 - 130			
Toluene	49.5	2.5	50.000		99.0	70 - 130			
Chlorobenzene	50.4	2.5	50.000		101	70 - 130			
Ethylbenzene	49.4	2.5	50.000		98.7	70 - 130			
m+p Xylenes	99.9	5.0	100.000		99.9	70 - 130			
o-Xylene	51.4	2.5	50.000		103	70 - 130			
Styrene	52.2	2.5	50.000		104	70 - 130			
Isopropylbenzene	51.5	2.5	50.000		103	70 - 130			
Bromobenzene	51.1	2.5	50.000		102	70 - 130			
n-Propylbenzene	48.2	2.5	50.000		96.4	70 - 130			
2-Chlorotoluene	48.4	2.5	50.000		96.7	70 - 130			
4-Chlorotoluene	48.7	2.5	50.000		97.5	70 - 130			
1,3,5-Trimethylbenzene	48.9	2.5	50.000		97.8	70 - 130			
tert-Butylbenzene	49.9	2.5	50.000		99.8	70 - 130			
1,2,4-Trimethylbenzene	49.6	2.5	50.000		99.2	70 - 130			
sec-Butylbenzene	49.0	2.5	50.000		98.1	70 - 130			
1,3-Dichlorobenzene	47.3	2.5	50.000		94.6	70 - 130			
4-Isopropyltoluene	50.4	2.5	50.000		101	70 - 130			
1,4-Dichlorobenzene	46.7	2.5	50.000		93.4	70 - 130			
1,2-Dichlorobenzene	48.3	2.5	50.000		96.5	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J0542-BS1) - Continued					Prepared: 10/5/2022 Analyzed: 10/5/2022				
n-Butylbenzene	49.4	2.5	50.000		98.8	70 - 130			
1,2,4-Trichlorobenzene	50.0	2.5	50.000		100	70 - 130			
Hexachlorobutadiene	46.0	2.5	50.000		92.0	70 - 130			
Naphthalene	53.3	5.0	50.000		107	70 - 130			
1,2,3-Trichlorobenzene	49.2	5.0	50.000		98.4	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*84.8*	*70 - 130*			
Surrogate: Toluene-d8					*96.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			

Batch B2J0637 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J0637-BLK1)					Prepared: 10/6/2022 Analyzed: 10/6/2022				
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
Benzene	ND	2.5							
Toluene	ND	2.5							
Chlorobenzene	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Isopropylbenzene	ND	2.5							
Bromobenzene	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*106*	*70 - 130*			
Surrogate: Toluene-d8					*99.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.5*	*70 - 130*			
LCS (B2J0637-BS1)					Prepared: 10/6/2022 Analyzed: 10/6/2022				
Methyl-t-Butyl Ether (MTBE)	51.3	2.5	50.000		103	70 - 130			
Benzene	50.9	2.5	50.000		102	70 - 130			
Toluene	48.9	2.5	50.000		97.8	70 - 130			
Chlorobenzene	47.1	2.5	50.000		94.1	70 - 130			
Ethylbenzene	47.8	2.5	50.000		95.5	70 - 130			
m+p Xylenes	98.8	5.0	100.000		98.8	70 - 130			
o-Xylene	50.5	2.5	50.000		101	70 - 130			
Styrene	50.9	2.5	50.000		102	70 - 130			
Isopropylbenzene	52.1	2.5	50.000		104	70 - 130			
Bromobenzene	47.6	2.5	50.000		95.2	70 - 130			
n-Propylbenzene	51.2	2.5	50.000		102	70 - 130			
2-Chlorotoluene	49.2	2.5	50.000		98.4	70 - 130			
4-Chlorotoluene	49.2	2.5	50.000		98.3	70 - 130			
1,3,5-Trimethylbenzene	51.5	2.5	50.000		103	70 - 130			
tert-Butylbenzene	53.2	2.5	50.000		106	70 - 130			
1,2,4-Trimethylbenzene	50.8	2.5	50.000		102	70 - 130			
sec-Butylbenzene	54.0	2.5	50.000		108	70 - 130			
1,3-Dichlorobenzene	47.9	2.5	50.000		95.8	70 - 130			
4-Isopropyltoluene	54.0	2.5	50.000		108	70 - 130			
1,4-Dichlorobenzene	47.0	2.5	50.000		94.0	70 - 130			
1,2-Dichlorobenzene	47.6	2.5	50.000		95.2	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J0637-BS1) - Continued					Prepared: 10/6/2022 Analyzed: 10/6/2022				
n-Butylbenzene	54.3	2.5	50.000		109	70 - 130			
1,2,4-Trichlorobenzene	49.4	2.5	50.000		98.7	70 - 130			
Hexachlorobutadiene	52.6	2.5	50.000		105	70 - 130			
Naphthalene	49.9	5.0	50.000		99.7	70 - 130			
1,2,3-Trichlorobenzene	46.7	5.0	50.000		93.4	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*103*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			

Batch B2J0701 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J0701-BLK1)					Prepared: 10/7/2022 Analyzed: 10/7/2022				
ETPH	ND	50							
Surrogate: Octacosane					*102*	*50 - 150*			
LCS (B2J0701-BS1)					Prepared: 10/7/2022 Analyzed: 10/7/2022				
ETPH	1420	50	1,500.000		94.7	60 - 120			
Surrogate: Octacosane					*97.2*	*50 - 150*			
Duplicate (B2J0701-DUP1)		**Source: 2100051-01**			Prepared: 10/7/2022 Analyzed: 10/7/2022				
ETPH	ND	53		ND				30	
Surrogate: Octacosane					*99.1*	*50 - 150*			
Matrix Spike (B2J0701-MS1)		**Source: 2100051-01**			Prepared: 10/7/2022 Analyzed: 10/7/2022				
ETPH	1510	53	1,587.302	ND	94.9	50 - 150			
Surrogate: Octacosane					*93.9*	*50 - 150*			
Matrix Spike Dup (B2J0701-MSD1)		**Source: 2100051-01**			Prepared: 10/7/2022 Analyzed: 10/7/2022				
ETPH	1510	53	1,599.912	ND	94.3	50 - 150	0.168	30	
Surrogate: Octacosane					*90.8*	*50 - 150*			

Batch B2J0702 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J0702-BLK1)					Prepared: 10/7/2022 Analyzed: 10/7/2022				
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Fluorene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*41.0*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*47.5*	*30 - 130*			
Surrogate: Terphenyl-d14					*53.0*	*30 - 130*			
LCS (B2J0702-BS1)					Prepared: 10/7/2022 Analyzed: 10/7/2022				
Naphthalene	1760	100	4,000.000		43.9	40 - 140			
2-Methyl Naphthalene	1880	200	4,000.000		47.0	40 - 140			
Acenaphthylene	1800	100	4,000.000		45.0	40 - 140			
Acenaphthene	1870	100	4,000.000		46.8	40 - 140			
Fluorene	2070	100	4,000.000		51.6	40 - 140			
Phenanthrene	2030	100	4,000.000		50.8	40 - 140			
Anthracene	2080	100	4,000.000		52.1	40 - 140			
Fluoranthene	2180	100	4,000.000		54.5	40 - 140			
Pyrene	2190	100	4,000.000		54.7	40 - 140			
Benzo[a]anthracene	2010	100	4,000.000		50.4	40 - 140			
Chrysene	2060	100	4,000.000		51.4	40 - 140			
Benzo[b]fluoranthene	1990	100	4,000.000		49.8	40 - 140			
Benzo[k]fluoranthene	1970	100	4,000.000		49.1	40 - 140			
Benzo[a]pyrene	2070	100	4,000.000		51.7	40 - 140			
Indeno[1,2,3-cd]pyrene	2250	100	4,000.000		56.3	40 - 140			
Dibenz[a,h]anthracene	2140	100	4,000.000		53.5	40 - 140			
Benzo[g,h,i]perylene	2270	100	4,000.000		56.9	40 - 140			
Surrogate: Nitrobenzene-d5					*53.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.1*	*30 - 130*			
Surrogate: Terphenyl-d14					*65.9*	*30 - 130*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

R Blake J.

Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 2100051
Project: ECS

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2100051-01 thru 2100051-03

Sample Date(s):

10/04/2022

List RCP Methods Used:

CT-ETPH, EPA 1312, EPA 6010C, EPA 6020A, EPA 8260C, EPA 8270D

CET #: 2100051

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/10/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

6- The client requested a subset of the RCP 8260, 8270, and metals lists.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2J0701		2100051-01	MW-1	CT-ETPH	Soil	10/04/2022
B2J0701		2100051-02	MW-2	CT-ETPH	Soil	10/04/2022
B2J0701		2100051-03	MW-3	CT-ETPH	Soil	10/04/2022
B2J0516		2100051-01	MW-1	EPA 1312	Soil	10/04/2022
B2J0516		2100051-02	MW-2	EPA 1312	Soil	10/04/2022
B2J0516		2100051-03	MW-3	EPA 1312	Soil	10/04/2022
B2J0504	S2J0502	2100051-01	MW-1	EPA 6010C	Soil	10/04/2022
B2J0504	S2J0502	2100051-02	MW-2	EPA 6010C	Soil	10/04/2022
B2J0504	S2J0502	2100051-03	MW-3	EPA 6010C	Soil	10/04/2022
B2J0526	S2J0509	2100051-01	MW-1	EPA 6020A	Soil	10/04/2022
B2J0526	S2J0509	2100051-02	MW-2	EPA 6020A	Soil	10/04/2022
B2J0526	S2J0509	2100051-03	MW-3	EPA 6020A	Soil	10/04/2022
B2J0542	S2J0602	2100051-01	MW-1	EPA 8260C	Soil	10/04/2022
B2J0542	S2J0602	2100051-02	MW-2	EPA 8260C	Soil	10/04/2022
B2J0637	S2J0703	2100051-03	MW-3	EPA 8260C	Soil	10/04/2022
B2J0702	S2J0710	2100051-01	MW-1	EPA 8270D	Soil	10/04/2022
B2J0702	S2J0710	2100051-02	MW-2	EPA 8270D	Soil	10/04/2022
B2J0702	S2J0710	2100051-03	MW-3	EPA 8270D	Soil	10/04/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6010C in Soil	
Lead	CT,NY,PA
EPA 6020A in Water	
Lead	CT
EPA 8260C in Soil	
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
Benzene	CT,NY,PA
Toluene	CT,NY,PA
Chlorobenzene	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA
Isopropylbenzene	CT,NY,PA
Bromobenzene	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA
tert-Butylbenzene	CT,NY,PA
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
EPA 8270D in Soil	
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Fluorene	CT,NY,PA
Phenanthrene	CT,NY,PA
nthracene	CT,NY,PA
oranthene	CT,NY,PA
ne	CT,NY,PA
[a]anthracene	CT,NY,PA
e	CT,NY,PA
fluoranthene	CT,NY,PA
oranthene	CT,NY,PA
ene	CT,NY,PA
d]pyrene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270D in Soil	
Dibenz[a,h]anthracene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2023
PA	Pennsylvania DEP	68-02927	05/31/2023

2100051

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer
Client:
CET: 10/04/22 1514:05

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: LEAD

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Total	SPLP	LEAD	TOTAL # OF CONT.	NOTE #
MW-1	10/4 AM	S	X		X		X		X			X	X	X		4
MW-2	"	"	X		X		X		X			X	X	X		4
MW-3	"	"	X		X		X		X			X	X	X		4
															12	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME: 10/4/22 1106	RECEIVED BY:	DATE/TIME: 10/6/22 1306
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	

NOTES: LEAD ONLY

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 4.5 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetl@cetlabs.com

COMPLETE ENVIRONMENTAL TESTING, INC.

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

GW

Analytical Report

CET# 2100717

Report Date:October 28, 2022
Project: 444 Sport Hill Rd, Easton

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2100717

Project: 444 Sport Hill Rd, Easton

SAMPLE SUMMARY

The sample(s) were received at 1.9°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-1	2100717-01	Water	10/24/2022 18:20	10/25/2022
MW-2	2100717-02	Water	10/24/2022 17:45	10/25/2022
MW-3	2100717-03	Water	10/24/2022 16:40	10/25/2022

CET # : 2100717
Project: 444 Sport Hill Rd, Easton

Client Sample ID MW-1
Lab ID: 2100717-01

Conn. Extractable TPH
Method: CT-ETPH

Analyst: PDS
Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	0.39	0.10	1	EPA 3510C	B2J2701	10/27/2022	10/28/2022 01:13	Ra
Surrogate: Octacosane	*103 %*	*50 - 150*			B2J2701	10/27/2022	*10/28/2022 01:13*	

Ra C12-C36 unknown; Tall Peak near C12

Semivolatile Organics By SIM
Method: EPA 8270D

Analyst: TWF
Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Acenaphthene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Fluorene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Phenanthrene	ND	0.077	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Anthracene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Fluoranthene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Pyrene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Chrysene	ND	0.50	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 21:42	
Surrogate: Nitrobenzene-d5	*65.8 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 21:42*	
Surrogate: 2-Fluorobiphenyl	*84.0 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 21:42*	
Surrogate: Terphenyl-d14	*106 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 21:42*	

CET # : 2100717
Project: 444 Sport Hill Rd, Easton

Client Sample ID MW-1

Lab ID: 2100717-01

Volatile Organics
Method: EPA 8260C

Analyst: PMD

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Benzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Toluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Chlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
m+p Xylenes	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
o-Xylene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Styrene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Bromobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Naphthalene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:29	
Surrogate: 1,2-Dichloroethane-d4	*119 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 04:29*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 04:29*	
Surrogate: 4-Bromofluorobenzene	*99.4 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 04:29*	

CET # : 2100717
Project: 444 Sport Hill Rd, Easton

Client Sample ID MW-2
Lab ID: 2100717-02

Conn. Extractable TPH **Analyst: PDS**
Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**0.18**	0.10	1	EPA 3510C	B2J2701	10/27/2022	10/28/2022 01:34	R
Surrogate: Octacosane	*91.1 %*	*50 - 150*			B2J2701	10/27/2022	*10/28/2022 01:34*	

R C10-C36 unknown

Semivolatile Organics By SIM **Analyst: TWF**
Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Acenaphthene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Fluorene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Phenanthrene	ND	0.077	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Anthracene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Fluoranthene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Pyrene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Chrysene	ND	0.50	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:05	
Surrogate: Nitrobenzene-d5	*63.6 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 22:05*	
Surrogate: 2-Fluorobiphenyl	*76.0 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 22:05*	
Surrogate: Terphenyl-d14	*104 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 22:05*	

CET # : 2100717
Project: 444 Sport Hill Rd, Easton

Client Sample ID MW-2

Lab ID: 2100717-02

Volatile Organics
Method: EPA 8260C

Analyst: PMD

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Benzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Toluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Chlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
m+p Xylenes	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
o-Xylene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Styrene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Bromobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Naphthalene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 04:52	
Surrogate: 1,2-Dichloroethane-d4	*116 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 04:52*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 04:52*	
Surrogate: 4-Bromofluorobenzene	*98.1 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 04:52*	

CET # : 2100717
Project: 444 Sport Hill Rd, Easton

Client Sample ID MW-3
Lab ID: 2100717-03

Conn. Extractable TPH **Analyst: PDS**
Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**0.12**	0.10	1	EPA 3510C	B2J2701	10/27/2022	10/28/2022 01:55	R
Surrogate: Octacosane	*91.6 %*	*50 - 150*			B2J2701	10/27/2022	*10/28/2022 01:55*	

R C10-C36 unknown

Semivolatile Organics By SIM **Analyst: TWF**
Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Acenaphthylene	ND	0.30	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Acenaphthene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Fluorene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Phenanthrene	ND	0.077	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Anthracene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Fluoranthene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Pyrene	ND	1.0	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Chrysene	ND	0.50	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B2J2601	10/26/2022	10/26/2022 22:29	
Surrogate: Nitrobenzene-d5	*68.6 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 22:29*	
Surrogate: 2-Fluorobiphenyl	*87.0 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 22:29*	
Surrogate: Terphenyl-d14	*95.6 %*	*30 - 130*			B2J2601	10/26/2022	*10/26/2022 22:29*	

Client Sample ID MW-3

Lab ID: 2100717-03

Volatile Organics **Analyst: PMD**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Benzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Toluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Chlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Ethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
m+p Xylenes	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
o-Xylene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Styrene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Bromobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Naphthalene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B2J2546	10/26/2022	10/26/2022 05:16	
Surrogate: 1,2-Dichloroethane-d4	*113 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 05:16*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 05:16*	
Surrogate: 4-Bromofluorobenzene	*97.7 %*		*70 - 130*		B2J2546	10/26/2022	*10/26/2022 05:16*	

QUALITY CONTROL SECTION

Batch B2J2546 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J2546-BLK1)					Prepared: 10/25/2022 Analyzed: 10/25/2022				
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
Benzene	ND	1.0							
Toluene	ND	1.0							
Chlorobenzene	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Isopropylbenzene	ND	1.0							
Bromobenzene	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*115*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*97.9*	*70 - 130*			
LCS (B2J2546-BS1)					Prepared: 10/25/2022 Analyzed: 10/25/2022				
Methyl-t-Butyl Ether (MTBE)	54.1	5.0	50.000		108	70 - 130			
Benzene	48.8	1.0	50.000		97.7	70 - 130			
Toluene	49.2	1.0	50.000		98.4	70 - 130			
Chlorobenzene	47.3	1.0	50.000		94.6	70 - 130			
Ethylbenzene	48.9	1.0	50.000		97.8	70 - 130			
m+p Xylenes	99.5	1.0	100.000		99.5	70 - 130			
o-Xylene	51.3	1.0	50.000		103	70 - 130			
Styrene	52.9	1.0	50.000		106	70 - 130			
Isopropylbenzene	50.7	1.0	50.000		101	70 - 130			
Bromobenzene	47.6	1.0	50.000		95.2	70 - 130			
n-Propylbenzene	48.6	1.0	50.000		97.1	70 - 130			
2-Chlorotoluene	48.2	1.0	50.000		96.4	70 - 130			
4-Chlorotoluene	48.2	1.0	50.000		96.4	70 - 130			
1,3,5-Trimethylbenzene	49.4	1.0	50.000		98.8	70 - 130			
tert-Butylbenzene	49.8	1.0	50.000		99.6	70 - 130			
1,2,4-Trimethylbenzene	49.6	1.0	50.000		99.2	70 - 130			
sec-Butylbenzene	48.1	1.0	50.000		96.3	70 - 130			
1,3-Dichlorobenzene	46.3	1.0	50.000		92.7	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J2546-BS1) - Continued					Prepared: 10/25/2022 Analyzed: 10/25/2022				
4-Isopropyltoluene	48.5	1.0	50.000		97.0	70 - 130			
1,4-Dichlorobenzene	45.0	1.0	50.000		90.1	70 - 130			
1,2-Dichlorobenzene	46.5	1.0	50.000		92.9	70 - 130			
n-Butylbenzene	47.5	1.0	50.000		94.9	70 - 130			
1,2,4-Trichlorobenzene	44.5	1.0	50.000		89.0	70 - 130			
Hexachlorobutadiene	41.2	0.45	50.000		82.4	70 - 130			
Naphthalene	49.2	1.0	50.000		98.4	70 - 130			
1,2,3-Trichlorobenzene	43.7	1.0	50.000		87.4	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*111*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*100*	*70 - 130*			

Batch B2J2601 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J2601-BLK1)					Prepared: 10/26/2022 Analyzed: 10/26/2022				
Naphthalene	ND	1.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: Nitrobenzene-d5					*66.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*82.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*102*	*30 - 130*			
LCS (B2J2601-BS1)					Prepared: 10/26/2022 Analyzed: 10/26/2022				
Naphthalene	1.36	1.0	2.000		68.0	40 - 140			
2-Methyl Naphthalene	1.43	1.0	2.000		71.5	40 - 140			
Acenaphthylene	1.34	0.30	2.000		67.0	40 - 140			
Acenaphthene	1.41	1.0	2.000		70.5	40 - 140			
Fluorene	1.51	1.0	2.000		75.5	40 - 140			
Phenanthrene	1.47	0.077	2.000		73.5	40 - 140			
Anthracene	1.51	1.0	2.000		75.5	40 - 140			
Fluoranthene	1.56	1.0	2.000		78.0	40 - 140			
Pyrene	1.56	1.0	2.000		78.0	40 - 140			
Benzo[a]anthracene	1.52	0.060	2.000		76.0	40 - 140			
Chrysene	1.48	0.50	2.000		74.0	40 - 140			
Benzo[b]fluoranthene	1.56	0.080	2.000		78.0	40 - 140			
Benzo[k]fluoranthene	1.59	0.30	2.000		79.5	40 - 140			
Benzo[a]pyrene	1.59	0.20	2.000		79.5	40 - 140			
Indeno[1,2,3-cd]pyrene	1.52	0.10	2.000		76.0	40 - 140			
Dibenz[a,h]anthracene	1.52	0.10	2.000		76.0	40 - 140			
Benzo[g,h,i]perylene	1.53	0.40	2.000		76.5	40 - 140			
Surrogate: Nitrobenzene-d5					*71.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*83.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*92.2*	*30 - 130*			

CET # : 2100717

Project: 444 Sport Hill Rd, Easton

Batch B2J2701 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J2701-BLK1)					Prepared: 10/27/2022 Analyzed: 10/27/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*104*	*50 - 150*			
LCS (B2J2701-BS1)					Prepared: 10/27/2022 Analyzed: 10/27/2022				
ETPH	0.463	0.10	0.500		92.6	60 - 120			
Surrogate: Octacosane					*97.8*	*50 - 150*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

R Blake Jr.

Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: 444 Sport Hill Rd, Easton

Project Number:

Laboratory Sample ID(s):

2100717-01 thru 2100717-03

Sample Date(s):

10/24/2022

List RCP Methods Used:

CT-ETPH, EPA 8260C, EPA 8270D

CET #: 2100717

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/28/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

6- The client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2J2701		2100717-01	MW-1	CT-ETPH	Water	10/24/2022
B2J2701		2100717-02	MW-2	CT-ETPH	Water	10/24/2022
B2J2701		2100717-03	MW-3	CT-ETPH	Water	10/24/2022
B2J2546	S2J2607	2100717-01	MW-1	EPA 8260C	Water	10/24/2022
B2J2546	S2J2607	2100717-02	MW-2	EPA 8260C	Water	10/24/2022
B2J2546	S2J2607	2100717-03	MW-3	EPA 8260C	Water	10/24/2022
B2J2601	S2J2713	2100717-01	MW-1	EPA 8270D	Water	10/24/2022
B2J2601	S2J2713	2100717-02	MW-2	EPA 8270D	Water	10/24/2022
B2J2601	S2J2713	2100717-03	MW-3	EPA 8270D	Water	10/24/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 8260C in Water	
Methyl-t-Butyl Ether (MTBE)	CT,NY
Benzene	CT,NY
Toluene	CT,NY
Chlorobenzene	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Isopropylbenzene	CT,NY
Bromobenzene	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT,NY
EPA 8270D in Water	
Naphthalene	CT
2-Methyl Naphthalene	CT
Acenaphthylene	CT
Acenaphthene	CT
Fluorene	CT
Phenanthrene	CT
Anthracene	CT
Fluoranthene	CT
Pyrene	CT
Benzo[a]anthracene	CT
Chrysene	CT
Benzo[b]fluoranthene	CT
Benzo[k]fluoranthene	CT
Benzo[a]pyrene	CT
Indeno[1,2,3-cd]pyrene	CT
Dibenz[a,h]anthracene	CT
Benzo[g,h,i]perylene	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2100717

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	TOTAL # OF CONT.	NOTE #
MW-1	10/24/22-1325	W					X		X		X		X			5	
MW-2	10/24/22-1745	W					X		X		X		X				
MW-3	10/24/22-1640	W					X		X		X		X				
									V		G		G				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	10/24/22-2035	[illegible] 10/25/22 0925
[illegible]	10/25/22 15:15	[illegible] 10/25/22 15:15

NOTES:

Client / Reporting Information

Company Name: AER

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: 444 Sport Hill Rd Easton PO #:

Location: Project #:

CET Quote # Collector(s): S. Fitterer

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report ☒ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☒ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 1.9 °C Evidence of Cooling: Y N

PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

ADVANCED ENVIRONMENTAL REDEVELOPMENT
Low Flow Purging and Sampling Guidance

LOW FLOW SAMPLING DATA SHEET

SHEET ____ OF ____

SITE: 444 Great Hill Rd, Easton
DATE: 10/24/22
WEATHER: 11. Rain, 50's
CONSULTING FIRM: AER
FIELD PERSONNEL: B. Fitzgerald

MONITOR WELL WELL #: MW-3
WELL DEPTH: 23 Feet
WELL DIAMETER: 2 Inches
SCREENED/OPEN INTERVAL: ____

PID/FID READINGS (ppm):
BACKGROUND: ____
BENEATH OUTER CAP: ____
BENEATH INNER CAP: ____
PUMP INTAKE DEPTH: 22 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.81 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1800			6.34		1.360		42.7		9.01		25.9		17.45		165	
1805			6.13		1.314		33.6		2.60		96.0		17.56			
1810			6.11		1.378		25.6		2.78		144		17.52			
1815			6.12		1.343		22.0		2.73		101		17.41			
1820																

WENT DRY WENT DRY

COMMENTS: Samples collected at 1820
Sample is turbid upon sampling.

ADVANCED ENVIRONMENTAL REDEVELOPMENT
Low Flow Purging and Sampling Guidance

LOW FLOW SAMPLING DATA SHEET

SHEET ____ OF ____

SITE: 444 Sport Hill Rd, Easton
DATE: 10/24/22
WEATHER: 11. Rain, 50s
CONSULTING FIRM: AER
FIELD PERSONNEL: B. Fitzgerald

MONITOR WELL: MW-2
WELL #:
WELL DEPTH: 20.50 Feet
WELL DIAMETER: 2 Inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS (ppm):
BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:
PUMP INTAKE DEPTH: 19 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.79 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1655			6.01		4.209		43.1		4.53		31.1		18.30		165	
1700			5.89		4.251		30.6		1.73		30.9		18.49			
1705			5.84		4.165		30.8		1.68		41.2		18.71			
1710			5.84		4.081		31.7		1.72		35.7		18.73			
1715			5.87		3.958		31.7		1.98		43.1		18.76			
1720			5.91		3.875		31.7		2.43		35.6		18.76			
1725			5.97		3.765		33.2		2.82		19.4		18.73			
1730			5.99		3.719		35.9		3.09		7.68		18.69			
1735			5.98		3.697		37.3		3.18		4.52		18.63			
1740			5.97		3.690		38.7		3.24		2.45		18.58			
1745			5.98		3.681		39.6		3.33		1.68		18.54			

WENT DRY

COMMENTS: Samples collected at 1745

ADVANCED ENVIRONMENTAL REDEVELOPMENT
Low Flow Purging and Sampling Guidance

LOW FLOW SAMPLING DATA SHEET

SHEET ____ OF ____

SITE: 444 South Hill Rd. Easton
DATE: 10/29/22
WEATHER: F. rain, 50s
CONSULTING FIRM: AER
FIELD PERSONNEL: B.F. Teron

MONITOR WELL WELL #: MW-3
WELL DEPTH: 24.40 Feet
WELL DIAMETER: 2 Inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS (ppm):
BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:
PUMP INTAKE DEPTH: 22 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 8.04 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1624			7.22		1723		46.3		7.81		62.8		14.83		165	
1629			6.81		1696		25.8		6.35		72.9		14.54			
1634			6.45		1.695		17.3		6.14		164		14.78			
1639																

went DRY
went DRY

COMMENTS: Samples collected at 1640
Sample is turbid!

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2100859A

Report Date:November 07, 2022
Project: ECS

25 OLD OAK ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2100859
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
25	2100859-01	Drinking Water	10/28/2022 11:00	10/28/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs] **Analyst: PMD**

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100859-01	25	ND	4.0	ug/L	1	B2J3140	10/31/2022	10/31/2022 15:45	

Client Sample ID 25

Lab ID: 2100859-01

Conn. Extractable TPH

Method: CT-ETPH

Analyst: JTS

Matrix: Drinking Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2K0101	11/01/2022	11/01/2022 23:01	
Surrogate: Octacosane	*124 %*		*50 - 150*		B2K0101	11/01/2022	*11/01/2022 23:01*	

Semivolatile Organics by 525.3

Method: EPA 525.3

Analyst: TWF

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Phenanthrene	**0.10**	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 16:47	
Surrogate: 2-Fluorobiphenyl	*115 %*		*70 - 130*		B2K0133	11/01/2022	*11/06/2022 16:47*	
Surrogate: Terphenyl-d14	*127 %*		*70 - 130*		B2K0133	11/01/2022	*11/06/2022 16:47*	

Volatile Organics by 524.2

Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2100859
Project: ECS

Client Sample ID 25

Lab ID: 2100859-01

Volatile Organics by 524.2

Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Benzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Toluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
o-Xylene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Styrene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Bromobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	*C1
Naphthalene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 15:45	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 15:45*	
Surrogate: Toluene-d8	*96.7 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 15:45*	
Surrogate: 4-Bromofluorobenzene	*103 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 15:45*	

QUALITY CONTROL SECTION

Batch B2J3140 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J3140-BLK1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*114*	*70 - 130*			
Surrogate: Toluene-d8					*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2J3140-BS1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
Methyl-t-Butyl Ether (MTBE)	35.9	1.0	30.000		120	70 - 130			
Benzene	28.5	0.50	30.000		94.9	70 - 130			
Toluene	28.5	0.50	30.000		95.0	70 - 130			
Chlorobenzene	26.8	0.50	30.000		89.3	70 - 130			
Ethylbenzene	27.0	0.50	30.000		89.9	70 - 130			
m+p Xylenes	53.5	0.50	60.000		89.2	70 - 130			
o-Xylene	27.7	0.50	30.000		92.4	70 - 130			
Styrene	28.6	0.50	30.000		95.2	70 - 130			
Isopropylbenzene	27.5	0.50	30.000		91.7	70 - 130			
Bromobenzene	26.3	0.50	30.000		87.8	70 - 130			
n-Propylbenzene	26.1	0.50	30.000		87.0	70 - 130			
2-Chlorotoluene	25.7	0.50	30.000		85.7	70 - 130			
4-Chlorotoluene	26.4	0.50	30.000		87.8	70 - 130			
1,3,5-Trimethylbenzene	26.4	0.50	30.000		88.1	70 - 130			
tert-Butylbenzene	26.1	0.50	30.000		87.1	70 - 130			
1,2,4-Trimethylbenzene	26.5	0.50	30.000		88.3	70 - 130			
sec-Butylbenzene	25.9	0.50	30.000		86.3	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J3140-BS1) - Continued					Prepared: 10/31/2022 Analyzed: 10/31/2022				
1,3-Dichlorobenzene	26.2	0.50	30.000		87.3	70 - 130			
4-Isopropyltoluene	26.8	0.50	30.000		89.3	70 - 130			
1,4-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
1,2-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
n-Butylbenzene	27.1	0.50	30.000		90.2	70 - 130			
1,2,4-Trichlorobenzene	27.2	0.50	30.000		90.7	70 - 130			
Hexachlorobutadiene	25.8	0.50	30.000		86.0	70 - 130			
Naphthalene	28.9	0.50	30.000		96.3	70 - 130			
1,2,3-Trichlorobenzene	27.5	0.50	30.000		91.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*110*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

CET # : 2100859
Project: ECS

Batch B2K0101 - CT-ETPH

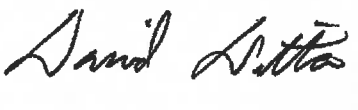
Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0101-BLK1)					Prepared: 11/1/2022 Analyzed: 11/1/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*105*	*50 - 150*			
LCS (B2K0101-BS1)					Prepared: 11/1/2022 Analyzed: 11/1/2022				
ETPH	0.429	0.10	0.500		85.7	60 - 120			
Surrogate: Octacosane					*109*	*50 - 150*			
LCS Dup (B2K0101-BSD1)					Prepared: 11/1/2022 Analyzed: 11/1/2022				
ETPH	0.414	0.10	0.500		82.8	60 - 120	3.44	30	
Surrogate: Octacosane					*104*	*50 - 150*			

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			L
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2100859-01 thru 2100859-05

Sample Date(s):

10/28/2022

List RCP Methods Used:

CT-ETPH

CET #: 2100859

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			62.2	2100859-02
2-Fluorobiphenyl	SURR	Low			67.8	2100859-03
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1
Hexachlorobutadiene	CC	Low	24.0		79.9	S2K0107

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0101	S2K0207	2100859-01	25	CT-ETPH	Drinking Water	10/28/2022
B2K0101	S2K0207	2100859-02	27	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-03	422	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-04	452	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-05	438/444	CT-ETPH	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2 TICs	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-01	25	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-02	27	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-03	422	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-04	452	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-05	438/444	EPA 525.3	Drinking Water	10/28/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2100859

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, ☐ SOX, ☐ ASE, Pesticides, 524.2, ALL AROMATICS ONLY, 525.0 PAHS ONLY

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	TOTAL # OF CONT.	NOTE #
25	10/28 10-11	W	4	
27			4	
422			4	
452			4	
438/444			4	
			20	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH, B=Sodium Bisulfate, W=Water, F=Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	10/28 12:00	10/28/22 12:00
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: DRINKING WATER SAMPLES

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 6 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

*** Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

REV. 12/16

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2100859B

Report Date:November 07, 2022
Project: ECS

270 OLD OAK ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2100859
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
27	2100859-02	Drinking Water	10/28/2022 11:00	10/28/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs] **Analyst: PMD**

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100859-02	27	ND	4.0	ug/L	1	B2J3140	10/31/2022	10/31/2022 16:12	

CET # : 2100859
Project: ECS

Client Sample ID 27

Lab ID: 2100859-02

Conn. Extractable TPH
Method: CT-ETPH

Analyst: JTS

Matrix: Drinking Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2K0101	11/01/2022	11/01/2022 23:23	
Surrogate: Octacosane	*97.7 %*		*50 - 150*		B2K0101	11/01/2022	*11/01/2022 23:23*	

Semivolatile Organics by 525.3
Method: EPA 525.3

Analyst: TWF

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Phenanthrene	ND	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 17:11	
Surrogate: 2-Fluorobiphenyl	*62.2 %*		*70 - 130*		B2K0133	11/01/2022	*11/06/2022 17:11*	L
Surrogate: Terphenyl-d14	*82.4 %*		*70 - 130*		B2K0133	11/01/2022	*11/06/2022 17:11*	

Volatile Organics by 524.2
Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2100859
Project: ECS

Client Sample ID 27

Lab ID: 2100859-02

Volatile Organics by 524.2
Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Benzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Toluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
o-Xylene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Styrene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Bromobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	*C1
Naphthalene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:12	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 16:12*	
Surrogate: Toluene-d8	*98.6 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 16:12*	
Surrogate: 4-Bromofluorobenzene	*102 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 16:12*	

QUALITY CONTROL SECTION

Batch B2J3140 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J3140-BLK1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*114*	*70 - 130*			
Surrogate: Toluene-d8					*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2J3140-BS1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
Methyl-t-Butyl Ether (MTBE)	35.9	1.0	30.000		120	70 - 130			
Benzene	28.5	0.50	30.000		94.9	70 - 130			
Toluene	28.5	0.50	30.000		95.0	70 - 130			
Chlorobenzene	26.8	0.50	30.000		89.3	70 - 130			
Ethylbenzene	27.0	0.50	30.000		89.9	70 - 130			
m+p Xylenes	53.5	0.50	60.000		89.2	70 - 130			
o-Xylene	27.7	0.50	30.000		92.4	70 - 130			
Styrene	28.6	0.50	30.000		95.2	70 - 130			
Isopropylbenzene	27.5	0.50	30.000		91.7	70 - 130			
Bromobenzene	26.3	0.50	30.000		87.8	70 - 130			
n-Propylbenzene	26.1	0.50	30.000		87.0	70 - 130			
2-Chlorotoluene	25.7	0.50	30.000		85.7	70 - 130			
4-Chlorotoluene	26.4	0.50	30.000		87.8	70 - 130			
1,3,5-Trimethylbenzene	26.4	0.50	30.000		88.1	70 - 130			
tert-Butylbenzene	26.1	0.50	30.000		87.1	70 - 130			
1,2,4-Trimethylbenzene	26.5	0.50	30.000		88.3	70 - 130			
sec-Butylbenzene	25.9	0.50	30.000		86.3	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J3140-BS1) - Continued					Prepared: 10/31/2022 Analyzed: 10/31/2022				
1,3-Dichlorobenzene	26.2	0.50	30.000		87.3	70 - 130			
4-Isopropyltoluene	26.8	0.50	30.000		89.3	70 - 130			
1,4-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
1,2-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
n-Butylbenzene	27.1	0.50	30.000		90.2	70 - 130			
1,2,4-Trichlorobenzene	27.2	0.50	30.000		90.7	70 - 130			
Hexachlorobutadiene	25.8	0.50	30.000		86.0	70 - 130			
Naphthalene	28.9	0.50	30.000		96.3	70 - 130			
1,2,3-Trichlorobenzene	27.5	0.50	30.000		91.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*110*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

CET # : 2100859
Project: ECS

Batch B2K0101 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0101-BLK1)					Prepared: 11/1/2022 Analyzed: 11/1/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*105*	*50 - 150*			
LCS (B2K0101-BS1)					Prepared: 11/1/2022 Analyzed: 11/1/2022				
ETPH	0.429	0.10	0.500		85.7	60 - 120			
Surrogate: Octacosane					*109*	*50 - 150*			
LCS Dup (B2K0101-BSD1)					Prepared: 11/1/2022 Analyzed: 11/1/2022				
ETPH	0.414	0.10	0.500		82.8	60 - 120	3.44	30	
Surrogate: Octacosane					*104*	*50 - 150*			

CET # : 2100859
Project: ECS

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			**L**
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

CET # : 2100859
Project: ECS

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

R Blake J.

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2100859-01 thru 2100859-05

Sample Date(s):

10/28/2022

List RCP Methods Used:

CT-ETPH

CET #: 2100859

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			62.2	2100859-02
2-Fluorobiphenyl	SURR	Low			67.8	2100859-03
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1
Hexachlorobutadiene	CC	Low	24.0		79.9	S2K0107

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0101	S2K0207	2100859-01	25	CT-ETPH	Drinking Water	10/28/2022
B2K0101	S2K0207	2100859-02	27	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-03	422	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-04	452	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-05	438/444	CT-ETPH	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2 TICs	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-01	25	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-02	27	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-03	422	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-04	452	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-05	438/444	EPA 525.3	Drinking Water	10/28/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2100859

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs ☐ SOX ☐ ASE, Pesticides, 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: 524.2 AROMATICS ONLY, 525.0 PAHS ONLY, 8 VOC

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	524.2 AROMATICS ONLY	525.0 PAHS ONLY	8 VOC	TOTAL # OF CONT.	NOTE #
25	10/28 10-11	W					X				X														X	X	X	4	
27							X				X														X	X	X	4	
422							X				X														X	X	X	4	
452							X				X														X	X	X	4	
438/444							X				X														X	X	X	4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH, B=Sodium Bisulfate, W=Water, F=Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	10/28 12:00	10/28/22 12:00
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: DRINKING WATER SAMPLES

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 6 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2100859C

Report Date:November 07, 2022
Project: ECS 422 SPORT HILL ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2100859
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
422	2100859-03	Drinking Water	10/28/2022 11:00	10/28/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs] **Analyst: PMD**

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100859-03	422	ND	4.0	ug/L	1	B2J3140	10/31/2022	10/31/2022 16:38	

Client Sample ID 422

Lab ID: 2100859-03

Conn. Extractable TPH

Method: CT-ETPH

Analyst: PDS

Matrix: Drinking Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.12	1	EPA 3510C	B2K0302	11/03/2022	11/03/2022 22:46	
Surrogate: Octacosane	*95.4 %*	*50 - 150*			B2K0302	11/03/2022	*11/03/2022 22:46*	

Semivolatile Organics by 525.3

Method: EPA 525.3

Analyst: TWF

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Phenanthrene	ND	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 17:35	
Surrogate: 2-Fluorobiphenyl	*67.8 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 17:35*	L
Surrogate: Terphenyl-d14	*93.4 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 17:35*	

Volatile Organics by 524.2

Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2100859
Project: ECS

Client Sample ID 422

Lab ID: 2100859-03

Volatile Organics by 524.2
Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Benzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Toluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
o-Xylene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Styrene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Bromobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	*C1
Naphthalene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 16:38	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 16:38*	
Surrogate: Toluene-d8	*92.4 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 16:38*	
Surrogate: 4-Bromofluorobenzene	*99.4 %*	*70 - 130*			B2J3140	10/31/2022	*10/31/2022 16:38*	

CET # : 2100859
Project: ECS

QUALITY CONTROL SECTION

Batch B2J3140 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J3140-BLK1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*114*	*70 - 130*			
Surrogate: Toluene-d8					*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2J3140-BS1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
Methyl-t-Butyl Ether (MTBE)	35.9	1.0	30.000		120	70 - 130			
Benzene	28.5	0.50	30.000		94.9	70 - 130			
Toluene	28.5	0.50	30.000		95.0	70 - 130			
Chlorobenzene	26.8	0.50	30.000		89.3	70 - 130			
Ethylbenzene	27.0	0.50	30.000		89.9	70 - 130			
m+p Xylenes	53.5	0.50	60.000		89.2	70 - 130			
o-Xylene	27.7	0.50	30.000		92.4	70 - 130			
Styrene	28.6	0.50	30.000		95.2	70 - 130			
Isopropylbenzene	27.5	0.50	30.000		91.7	70 - 130			
Bromobenzene	26.3	0.50	30.000		87.8	70 - 130			
n-Propylbenzene	26.1	0.50	30.000		87.0	70 - 130			
2-Chlorotoluene	25.7	0.50	30.000		85.7	70 - 130			
4-Chlorotoluene	26.4	0.50	30.000		87.8	70 - 130			
1,3,5-Trimethylbenzene	26.4	0.50	30.000		88.1	70 - 130			
tert-Butylbenzene	26.1	0.50	30.000		87.1	70 - 130			
1,2,4-Trimethylbenzene	26.5	0.50	30.000		88.3	70 - 130			
sec-Butylbenzene	25.9	0.50	30.000		86.3	70 - 130			

CET # : 2100859
Project: ECS

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J3140-BS1) - Continued					Prepared: 10/31/2022 Analyzed: 10/31/2022				
1,3-Dichlorobenzene	26.2	0.50	30.000		87.3	70 - 130			
4-Isopropyltoluene	26.8	0.50	30.000		89.3	70 - 130			
1,4-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
1,2-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
n-Butylbenzene	27.1	0.50	30.000		90.2	70 - 130			
1,2,4-Trichlorobenzene	27.2	0.50	30.000		90.7	70 - 130			
Hexachlorobutadiene	25.8	0.50	30.000		86.0	70 - 130			
Naphthalene	28.9	0.50	30.000		96.3	70 - 130			
1,2,3-Trichlorobenzene	27.5	0.50	30.000		91.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*110*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

CET # : 2100859
Project: ECS

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			**L**
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

CET # : 2100859
Project: ECS

Batch B2K0302 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0302-BLK1)					Prepared: 11/3/2022 Analyzed: 11/3/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*50.9*	*50 - 150*			
LCS (B2K0302-BS1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	0.587	0.10	0.500		117	60 - 120			
Surrogate: Octacosane					*110*	*50 - 150*			

CET # : 2100859
Project: ECS

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

R Blake J.

Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 2100859
Project: ECS

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cetl@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2100859-01 thru 2100859-05

Sample Date(s):

10/28/2022

List RCP Methods Used:

CT-ETPH

CET #: 2100859

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			62.2	2100859-02
2-Fluorobiphenyl	SURR	Low			67.8	2100859-03
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1
Hexachlorobutadiene	CC	Low	24.0		79.9	S2K0107

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0101	S2K0207	2100859-01	25	CT-ETPH	Drinking Water	10/28/2022
B2K0101	S2K0207	2100859-02	27	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-03	422	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-04	452	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-05	438/444	CT-ETPH	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2 TICs	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-01	25	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-02	27	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-03	422	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-04	452	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-05	438/444	EPA 525.3	Drinking Water	10/28/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2100859

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs ☐ SOX ☐ ASE, Pesticides, 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: 524.2 Aromatics only, 525.0 PAHs only

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	524.2 Aromatics only	525.0 PAHs only	TOTAL # OF CONT.	NOTE #
25	10/28 10-11	W					X				X														X	X	4	
27							X				X														X	X	4	
422							X				X														X	X	4	
452							X				X														X	X	4	
438/444							X				X														X	X	4	
																											20	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH, B=Sodium Bisulfate, W=Water, F=Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	10/28 12:00	[signature] 10/28/22 12:00
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: DRINKING WATER SAMPLES

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 6 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

REV. 12/16

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2100859D

Report Date:November 07, 2022
Project: ECS

452 SOUTH HILL ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2100859
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
452	2100859-04	Drinking Water	10/28/2022 11:00	10/28/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs] **Analyst: PMD**

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100859-04	452	ND	4.0	ug/L	1	B2J3140	10/31/2022	10/31/2022 17:05	

CET # : 2100859
Project: ECS

Client Sample ID 452

Lab ID: 2100859-04

Conn. Extractable TPH
Method: CT-ETPH

Analyst: PDS

Matrix: Drinking Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2K0302	11/03/2022	11/03/2022 23:07	
Surrogate: Octacosane	*97.7 %*	*50 - 150*			B2K0302	11/03/2022	*11/03/2022 23:07*	

Semivolatile Organics by 525.3
Method: EPA 525.3

Analyst: TWF

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Phenanthrene	ND	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 17:58	
Surrogate: 2-Fluorobiphenyl	*73.0 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 17:58*	
Surrogate: Terphenyl-d14	*91.3 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 17:58*	

Volatile Organics by 524.2
Method: EPA 524.2

Analyst: PMD

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2100859
Project: ECS

Client Sample ID 452

Lab ID: 2100859-04

Volatile Organics by 524.2

Analyst: PMD

Method: EPA 524.2

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Benzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Toluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
o-Xylene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Styrene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Bromobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	*C1
Naphthalene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:05	
Surrogate: 1,2-Dichloroethane-d4	*110 %*		*70 - 130*		B2J3140	10/31/2022	*10/31/2022 17:05*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B2J3140	10/31/2022	*10/31/2022 17:05*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B2J3140	10/31/2022	*10/31/2022 17:05*	

QUALITY CONTROL SECTION

Batch B2J3140 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J3140-BLK1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*114*	*70 - 130*			
Surrogate: Toluene-d8					*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2J3140-BS1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
Methyl-t-Butyl Ether (MTBE)	35.9	1.0	30.000		120	70 - 130			
Benzene	28.5	0.50	30.000		94.9	70 - 130			
Toluene	28.5	0.50	30.000		95.0	70 - 130			
Chlorobenzene	26.8	0.50	30.000		89.3	70 - 130			
Ethylbenzene	27.0	0.50	30.000		89.9	70 - 130			
m+p Xylenes	53.5	0.50	60.000		89.2	70 - 130			
o-Xylene	27.7	0.50	30.000		92.4	70 - 130			
Styrene	28.6	0.50	30.000		95.2	70 - 130			
Isopropylbenzene	27.5	0.50	30.000		91.7	70 - 130			
Bromobenzene	26.3	0.50	30.000		87.8	70 - 130			
n-Propylbenzene	26.1	0.50	30.000		87.0	70 - 130			
2-Chlorotoluene	25.7	0.50	30.000		85.7	70 - 130			
4-Chlorotoluene	26.4	0.50	30.000		87.8	70 - 130			
1,3,5-Trimethylbenzene	26.4	0.50	30.000		88.1	70 - 130			
tert-Butylbenzene	26.1	0.50	30.000		87.1	70 - 130			
1,2,4-Trimethylbenzene	26.5	0.50	30.000		88.3	70 - 130			
sec-Butylbenzene	25.9	0.50	30.000		86.3	70 - 130			

CET # : 2100859
Project: ECS

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J3140-BS1) - Continued					Prepared: 10/31/2022 Analyzed: 10/31/2022				
1,3-Dichlorobenzene	26.2	0.50	30.000		87.3	70 - 130			
4-Isopropyltoluene	26.8	0.50	30.000		89.3	70 - 130			
1,4-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
1,2-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
n-Butylbenzene	27.1	0.50	30.000		90.2	70 - 130			
1,2,4-Trichlorobenzene	27.2	0.50	30.000		90.7	70 - 130			
Hexachlorobutadiene	25.8	0.50	30.000		86.0	70 - 130			
Naphthalene	28.9	0.50	30.000		96.3	70 - 130			
1,2,3-Trichlorobenzene	27.5	0.50	30.000		91.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*110*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

CET # : 2100859
Project: ECS

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			**L**
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

CET # : 2100859
Project: ECS

Batch B2K0302 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0302-BLK1)					Prepared: 11/3/2022 Analyzed: 11/3/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*50.9*	*50 - 150*			
LCS (B2K0302-BS1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	0.587	0.10	0.500		117	60 - 120			
Surrogate: Octacosane					*110*	*50 - 150*			

CET # : 2100859
Project: ECS

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta

Laboratory Director

This technical report was reviewed by Robert Blake

R Blake J.

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2100859-01 thru 2100859-05

Sample Date(s):

10/28/2022

List RCP Methods Used:

CT-ETPH

CET #: 2100859

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			62.2	2100859-02
2-Fluorobiphenyl	SURR	Low			67.8	2100859-03
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1
Hexachlorobutadiene	CC	Low	24.0		79.9	S2K0107

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0101	S2K0207	2100859-01	25	CT-ETPH	Drinking Water	10/28/2022
B2K0101	S2K0207	2100859-02	27	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-03	422	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-04	452	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-05	438/444	CT-ETPH	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2 TICs	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-01	25	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-02	27	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-03	422	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-04	452	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-05	438/444	EPA 525.3	Drinking Water	10/28/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2100859

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day * | Next Day * | Two Day * | Three Day * | Std (5-7 Days)

Metals: 8260 CT List | 8260 Aromatics | 8260 Halogens | CT ETPH | 8270 CT List | 8270 PNAs | PCBs | SOX | ASE | Pesticides | 8 RCRA | 13 Priority Poll | 15 CT DEP | Total | SPLP | TCLP | Dissolved | Field Filtered | Lab to Filter

Additional Analysis: 524.2 | AROMATICS ONLY | 525.0 PAHS ONLY

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs	SOX	ASE	Pesticides	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	524.2	AROMATICS ONLY	525.0 PAHS ONLY	TOTAL # OF CONT.	NOTE #
25	10/28 10-11	W					X				X																X		X	4	
27							X				X																X		X	4	
422							X				X																X		X	4	
452							X				X																X		X	4	
438/444							X				X																X		X	4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M–MeOH, B=Sodium Bisulfate, W=Water, F=Empty Vial, E=Encore)

20

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	10/28 12:30	
	DATE/TIME	RECEIVED BY:
		10/28/22 12:00
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: DRINKING WATER SAMPLES

Client / Reporting Information

Company Name

Address

City | State | Zip

Report To: | E-mail

Phone # | Fax #

Project Information

Project: ECS | PO #:

Location: | Project #:

CET Quote # | Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format | Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 6 °C | Evidence of Cooling: (Y) N

PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetl@cetlabs.com

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2100859E

Report Date:November 07, 2022
Project: ECS

428/440 SPONT HILL ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2100859
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
438/444	2100859-05	Drinking Water	10/28/2022 11:00	10/28/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs] **Analyst: PMD**

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2100859-05	438/444	ND	4.0	ug/L	1	B2J3140	10/31/2022	10/31/2022 17:31	

Client Sample ID 438/444

Lab ID: 2100859-05

Conn. Extractable TPH

Analyst: PDS

Method: CT-ETPH

Matrix: Drinking Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2K0302	11/03/2022	11/03/2022 23:28	
Surrogate: Octacosane	*104 %*	*50 - 150*			B2K0302	11/03/2022	*11/03/2022 23:28*	

Semivolatile Organics by 525.3

Analyst: TWF

Method: EPA 525.3

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Phenanthrene	ND	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 18:22	
Surrogate: 2-Fluorobiphenyl	*77.0 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 18:22*	
Surrogate: Terphenyl-d14	*98.5 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 18:22*	

Volatile Organics by 524.2

Analyst: PMD

Method: EPA 524.2

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2100859
Project: ECS

Client Sample ID 438/444

Lab ID: 2100859-05

Volatile Organics by 524.2 **Analyst: PMD**

Method: EPA 524.2 **Matrix: Drinking Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Benzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Toluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
o-Xylene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Styrene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Bromobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	*C1
Naphthalene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2J3140	10/31/2022	10/31/2022 17:31	
Surrogate: 1,2-Dichloroethane-d4	*114 %*		*70 - 130*		B2J3140	10/31/2022	*10/31/2022 17:31*	
Surrogate: Toluene-d8	*96.1 %*		*70 - 130*		B2J3140	10/31/2022	*10/31/2022 17:31*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B2J3140	10/31/2022	*10/31/2022 17:31*	

QUALITY CONTROL SECTION

Batch B2J3140 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2J3140-BLK1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*114*	*70 - 130*			
Surrogate: Toluene-d8					*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2J3140-BS1)					Prepared: 10/31/2022 Analyzed: 10/31/2022				
Methyl-t-Butyl Ether (MTBE)	35.9	1.0	30.000		120	70 - 130			
Benzene	28.5	0.50	30.000		94.9	70 - 130			
Toluene	28.5	0.50	30.000		95.0	70 - 130			
Chlorobenzene	26.8	0.50	30.000		89.3	70 - 130			
Ethylbenzene	27.0	0.50	30.000		89.9	70 - 130			
m+p Xylenes	53.5	0.50	60.000		89.2	70 - 130			
o-Xylene	27.7	0.50	30.000		92.4	70 - 130			
Styrene	28.6	0.50	30.000		95.2	70 - 130			
Isopropylbenzene	27.5	0.50	30.000		91.7	70 - 130			
Bromobenzene	26.3	0.50	30.000		87.8	70 - 130			
n-Propylbenzene	26.1	0.50	30.000		87.0	70 - 130			
2-Chlorotoluene	25.7	0.50	30.000		85.7	70 - 130			
4-Chlorotoluene	26.4	0.50	30.000		87.8	70 - 130			
1,3,5-Trimethylbenzene	26.4	0.50	30.000		88.1	70 - 130			
tert-Butylbenzene	26.1	0.50	30.000		87.1	70 - 130			
1,2,4-Trimethylbenzene	26.5	0.50	30.000		88.3	70 - 130			
sec-Butylbenzene	25.9	0.50	30.000		86.3	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2J3140-BS1) - Continued					Prepared: 10/31/2022 Analyzed: 10/31/2022				
1,3-Dichlorobenzene	26.2	0.50	30.000		87.3	70 - 130			
4-Isopropyltoluene	26.8	0.50	30.000		89.3	70 - 130			
1,4-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
1,2-Dichlorobenzene	26.5	0.50	30.000		88.2	70 - 130			
n-Butylbenzene	27.1	0.50	30.000		90.2	70 - 130			
1,2,4-Trichlorobenzene	27.2	0.50	30.000		90.7	70 - 130			
Hexachlorobutadiene	25.8	0.50	30.000		86.0	70 - 130			
Naphthalene	28.9	0.50	30.000		96.3	70 - 130			
1,2,3-Trichlorobenzene	27.5	0.50	30.000		91.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*110*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			**L**
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

Batch B2K0302 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0302-BLK1)					Prepared: 11/3/2022 Analyzed: 11/3/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*50.9*	*50 - 150*			
LCS (B2K0302-BS1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	0.587	0.10	0.500		117	60 - 120			
Surrogate: Octacosane					*110*	*50 - 150*			

CET # : 2100859
Project: ECS

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta

Laboratory Director

This technical report was reviewed by Robert Blake

R Blake Jr.

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2100859-01 thru 2100859-05

Sample Date(s):

10/28/2022

List RCP Methods Used:

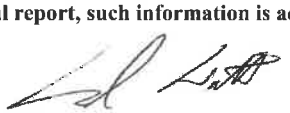
CT-ETPH

CET #: 2100859

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			62.2	2100859-02
2-Fluorobiphenyl	SURR	Low			67.8	2100859-03
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1
Hexachlorobutadiene	CC	Low	24.0		79.9	S2K0107

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0101	S2K0207	2100859-01	25	CT-ETPH	Drinking Water	10/28/2022
B2K0101	S2K0207	2100859-02	27	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-03	422	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-04	452	CT-ETPH	Drinking Water	10/28/2022
B2K0302		2100859-05	438/444	CT-ETPH	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-01	25	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-02	27	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-03	422	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-04	452	EPA 524.2 TICs	Drinking Water	10/28/2022
B2J3140	S2K0107	2100859-05	438/444	EPA 524.2 TICs	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-01	25	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-02	27	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-03	422	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-04	452	EPA 525.3	Drinking Water	10/28/2022
B2K0133	S2K0710	2100859-05	438/444	EPA 525.3	Drinking Water	10/28/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2100859

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, So=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, SOX, ASE, Pesticides, 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: 524.2 AROMATICS ONLY, 525.0 PNAS ONLY

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs	SOX	ASE	Pesticides	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	524.2 AROMATICS ONLY	525.0 PNAS ONLY	TOTAL # OF CONT.	NOTE #
25	10/28 10-11	W					X				X																X	X	4	
27							X				X																X	X	4	
422							X				X																X	X	4	
452							X				X																X	X	4	
438/444							X				X																X	X	4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other) — TOTAL: 20

Soil VOCs Only (M=MeOH, B=Sodium Bisulfate, W=Water, F=Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	10/28 12 noon	10/28/22 12:00
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: DRINKING WATER SAMPLES

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 6 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

REV. 12/18

*** Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2110009A

Report Date:November 07, 2022
Project: ECS

439 SPONT Hill ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2110009
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
439	2110009-01	Drinking Water	11/01/2022 9:00	11/01/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs] **Analyst: PMD**

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2110009-01	439	ND	4.0	ug/L	1	B2K0249	11/02/2022	11/02/2022 10:51	

CET # : 2110009
Project: ECS

Client Sample ID 439

Lab ID: 2110009-01

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Drinking Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2K0302	11/03/2022	11/04/2022 12:13	
Surrogate: Octacosane	*73.5 %*	*50 - 150*			B2K0302	11/03/2022	*11/04/2022 12:13*	

Semivolatile Organics by 525.3 **Analyst: TWF**

Method: EPA 525.3 **Matrix: Drinking Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Phenanthrene	ND	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 18:46	
Surrogate: 2-Fluorobiphenyl	*76.4 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 18:46*	
Surrogate: Terphenyl-d14	*73.2 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 18:46*	

Volatile Organics by 524.2 **Analyst: PMD**

Method: EPA 524.2 **Matrix: Drinking Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2110009
Project: ECS

Client Sample ID 439

Lab ID: 2110009-01

Volatile Organics by 524.2 **Analyst: PMD**

Method: EPA 524.2 **Matrix: Drinking Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Benzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Toluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
o-Xylene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Styrene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Bromobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Naphthalene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 10:51	
Surrogate: 1,2-Dichloroethane-d4	*110 %*		*70 - 130*		B2K0249	11/02/2022	*11/02/2022 10:51*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		B2K0249	11/02/2022	*11/02/2022 10:51*	
Surrogate: 4-Bromofluorobenzene	*97.4 %*		*70 - 130*		B2K0249	11/02/2022	*11/02/2022 10:51*	

QUALITY CONTROL SECTION

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			**L**
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

CET # : 2110009
Project: ECS

Batch B2K0249 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0249-BLK1)					Prepared: 11/2/2022 Analyzed: 11/2/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*116*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2K0249-BS1)					Prepared: 11/2/2022 Analyzed: 11/2/2022				
Methyl-t-Butyl Ether (MTBE)	37.0	1.0	30.000		123	70 - 130			
Benzene	30.0	0.50	30.000		99.8	70 - 130			
Toluene	30.5	0.50	30.000		102	70 - 130			
Chlorobenzene	28.2	0.50	30.000		94.0	70 - 130			
Ethylbenzene	28.5	0.50	30.000		95.0	70 - 130			
m+p Xylenes	56.6	0.50	60.000		94.3	70 - 130			
o-Xylene	29.1	0.50	30.000		96.8	70 - 130			
Styrene	30.0	0.50	30.000		100	70 - 130			
Isopropylbenzene	28.8	0.50	30.000		95.9	70 - 130			
Bromobenzene	27.7	0.50	30.000		92.3	70 - 130			
n-Propylbenzene	27.5	0.50	30.000		91.6	70 - 130			
2-Chlorotoluene	26.8	0.50	30.000		89.5	70 - 130			
4-Chlorotoluene	27.7	0.50	30.000		92.2	70 - 130			
1,3,5-Trimethylbenzene	27.6	0.50	30.000		91.9	70 - 130			
tert-Butylbenzene	27.1	0.50	30.000		90.5	70 - 130			
1,2,4-Trimethylbenzene	27.7	0.50	30.000		92.5	70 - 130			
sec-Butylbenzene	27.4	0.50	30.000		91.2	70 - 130			
1,3-Dichlorobenzene	27.3	0.50	30.000		91.1	70 - 130			
4-Isopropyltoluene	27.8	0.50	30.000		92.6	70 - 130			
1,4-Dichlorobenzene	27.2	0.50	30.000		90.8	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2K0249-BS1) - Continued					Prepared: 11/2/2022 Analyzed: 11/2/2022				
1,2-Dichlorobenzene	27.5	0.50	30.000		91.6	70 - 130			
n-Butylbenzene	27.6	0.50	30.000		92.1	70 - 130			
1,2,4-Trichlorobenzene	28.0	0.50	30.000		93.3	70 - 130			
Hexachlorobutadiene	26.5	0.50	30.000		88.3	70 - 130			
Naphthalene	29.6	0.50	30.000		98.6	70 - 130			
1,2,3-Trichlorobenzene	28.3	0.50	30.000		94.2	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*109*	*70 - 130*			
Surrogate: Toluene-d8					*104*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*105*	*70 - 130*			

CET # : 2110009
Project: ECS

Batch B2K0302 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0302-BLK1)					Prepared: 11/3/2022 Analyzed: 11/3/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*50.9*	*50 - 150*			
LCS (B2K0302-BS1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	0.587	0.10	0.500		117	60 - 120			
Surrogate: Octacosane					*110*	*50 - 150*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake

R Blake J.

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2110009-01 thru 2110009-02

Sample Date(s):

11/01/2022

List RCP Methods Used:

CT-ETPH

CET #: 2110009

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			58.0	2110009-02
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0302		2110009-01	439	CT-ETPH	Drinking Water	11/01/2022
B2K0337		2110009-02	450	CT-ETPH	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-01	439	EPA 524.2	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-02	450	EPA 524.2	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-01	439	EPA 524.2 TICs	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-02	450	EPA 524.2 TICs	Drinking Water	11/01/2022
B2K0133	S2K0710	2110009-01	439	EPA 525.3	Drinking Water	11/01/2022
B2K0133	S2K0710	2110009-02	450	EPA 525.3	Drinking Water	11/01/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2110009

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only: Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs ☐ SOX ☐ ASE, Pesticides, 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: 524.2 Aromatics, 525.3 PNAs

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	524.2 Aromatics	525.3 PNAs	TOTAL # OF CONT.	NOTE #
439	11/1 9AM	W					X				X														X	X	4	
450	11/1 ↓	W					X				X														X	X	4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH, B= Sodium Bisulfate, W=Water, F= Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	11/1 10AM	11/1/22 10:05
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 6 °C Evidence of Cooling: Y N

PAGE OF

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetl@cetlabs.com

Client: Mr. Chris Kopley
Advanced Envir. Redevelopment
904 Madison Avenue - Room 213
Bridgeport, CT 06606

Analytical Report

CET# 2110009B

Report Date:November 07, 2022
Project: ECS

460 SPONT HILL ROAD

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

NELAP ACCREDITED TNI LABORATORY

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 2110009
Project: ECS

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
450	2110009-02	Drinking Water	11/01/2022 9:00	11/01/2022

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs]

Analyst: PMD

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2110009-02	450	ND	4.0	ug/L	1	B2K0249	11/02/2022	11/02/2022 11:18	

CET # : 2110009
Project: ECS

Client Sample ID 450

Lab ID: 2110009-02

Conn. Extractable TPH **Analyst: PDS**

Method: CT-ETPH **Matrix: Drinking Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B2K0337	11/03/2022	11/04/2022 18:43	
Surrogate: Octacosane	*101 %*	*50 - 150*			B2K0337	11/03/2022	*11/04/2022 18:43*	

Semivolatile Organics by 525.3 **Analyst: TWF**

Method: EPA 525.3 **Matrix: Drinking Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Acenaphthylene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Acenaphthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Fluorene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Phenanthrene	ND	0.077	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Anthracene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Fluoranthene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Pyrene	ND	1.0	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Benzo[a]anthracene	ND	0.060	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Chrysene	ND	0.50	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Benzo[b]fluoranthene	ND	0.080	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Benzo[k]fluoranthene	ND	0.30	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Benzo[a]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Dibenz[a,h]anthracene	ND	0.10	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Benzo[g,h,i]perylene	ND	0.40	1	SPE	B2K0133	11/01/2022	11/06/2022 19:10	
Surrogate: 2-Fluorobiphenyl	*58.0 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 19:10*	L
Surrogate: Terphenyl-d14	*73.6 %*	*70 - 130*			B2K0133	11/01/2022	*11/06/2022 19:10*	

Volatile Organics by 524.2 **Analyst: PMD**

Method: EPA 524.2 **Matrix: Drinking Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 2110009
Project: ECS

Client Sample ID 450

Lab ID: 2110009-02

Volatile Organics by 524.2

Analyst: PMD

Method: EPA 524.2

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Benzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Toluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Chlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Ethylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
m+p Xylenes	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
o-Xylene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Styrene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Bromobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Naphthalene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B2K0249	11/02/2022	11/02/2022 11:18	
Surrogate: 1,2-Dichloroethane-d4	*108 %*		*70 - 130*		B2K0249	11/02/2022	*11/02/2022 11:18*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B2K0249	11/02/2022	*11/02/2022 11:18*	
Surrogate: 4-Bromofluorobenzene	*97.7 %*		*70 - 130*		B2K0249	11/02/2022	*11/02/2022 11:18*	

CET # : 2110009
Project: ECS

QUALITY CONTROL SECTION

Batch B2K0133 - EPA 525.3

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0133-BLK1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.10							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorobiphenyl					*60.8*	*70 - 130*			**L**
Surrogate: Terphenyl-d14					*71.0*	*70 - 130*			
LCS (B2K0133-BS1)					Prepared: 11/1/2022 Analyzed: 11/6/2022				
Naphthalene	1.44	1.0	2.000		72.0	70 - 130			
Acenaphthylene	1.40	0.30	2.000		70.0	70 - 130			
Acenaphthene	1.45	1.0	2.000		72.5	70 - 130			
Fluorene	1.48	1.0	2.000		74.0	70 - 130			
Phenanthrene	1.50	0.077	2.000		75.0	70 - 130			
Anthracene	1.58	1.0	2.000		79.0	70 - 130			
Fluoranthene	1.45	1.0	2.000		72.5	70 - 130			
Pyrene	1.43	1.0	2.000		71.5	70 - 130			
Benzo[a]anthracene	1.45	0.060	2.000		72.5	70 - 130			
Chrysene	1.43	0.50	2.000		71.5	70 - 130			
Benzo[b]fluoranthene	1.43	0.080	2.000		71.5	70 - 130			
Benzo[k]fluoranthene	1.51	0.30	2.000		75.5	70 - 130			
Benzo[a]pyrene	1.55	0.10	2.000		77.5	70 - 130			
Indeno[1,2,3-cd]pyrene	1.40	0.10	2.000		70.0	70 - 130			
Dibenz[a,h]anthracene	1.41	0.10	2.000		70.5	70 - 130			
Benzo[g,h,i]perylene	1.41	0.40	2.000		70.5	70 - 130			
Surrogate: 2-Fluorobiphenyl					*102*	*70 - 130*			
Surrogate: Terphenyl-d14					*120*	*70 - 130*			

Batch B2K0249 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0249-BLK1)					Prepared: 11/2/2022 Analyzed: 11/2/2022				
No Tentatively Identified Compounds	ND	4.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*116*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			
LCS (B2K0249-BS1)					Prepared: 11/2/2022 Analyzed: 11/2/2022				
Methyl-t-Butyl Ether (MTBE)	37.0	1.0	30.000		123	70 - 130			
Benzene	30.0	0.50	30.000		99.8	70 - 130			
Toluene	30.5	0.50	30.000		102	70 - 130			
Chlorobenzene	28.2	0.50	30.000		94.0	70 - 130			
Ethylbenzene	28.5	0.50	30.000		95.0	70 - 130			
m+p Xylenes	56.6	0.50	60.000		94.3	70 - 130			
o-Xylene	29.1	0.50	30.000		96.8	70 - 130			
Styrene	30.0	0.50	30.000		100	70 - 130			
Isopropylbenzene	28.8	0.50	30.000		95.9	70 - 130			
Bromobenzene	27.7	0.50	30.000		92.3	70 - 130			
n-Propylbenzene	27.5	0.50	30.000		91.6	70 - 130			
2-Chlorotoluene	26.8	0.50	30.000		89.5	70 - 130			
4-Chlorotoluene	27.7	0.50	30.000		92.2	70 - 130			
1,3,5-Trimethylbenzene	27.6	0.50	30.000		91.9	70 - 130			
tert-Butylbenzene	27.1	0.50	30.000		90.5	70 - 130			
1,2,4-Trimethylbenzene	27.7	0.50	30.000		92.5	70 - 130			
sec-Butylbenzene	27.4	0.50	30.000		91.2	70 - 130			
1,3-Dichlorobenzene	27.3	0.50	30.000		91.1	70 - 130			
4-Isopropyltoluene	27.8	0.50	30.000		92.6	70 - 130			
1,4-Dichlorobenzene	27.2	0.50	30.000		90.8	70 - 130			

CET # : 2110009

Project: ECS

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B2K0249-BS1) - Continued					Prepared: 11/2/2022 Analyzed: 11/2/2022				
1,2-Dichlorobenzene	27.5	0.50	30.000		91.6	70 - 130			
n-Butylbenzene	27.6	0.50	30.000		92.1	70 - 130			
1,2,4-Trichlorobenzene	28.0	0.50	30.000		93.3	70 - 130			
Hexachlorobutadiene	26.5	0.50	30.000		88.3	70 - 130			
Naphthalene	29.6	0.50	30.000		98.6	70 - 130			
1,2,3-Trichlorobenzene	28.3	0.50	30.000		94.2	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*109*	*70 - 130*			
Surrogate: Toluene-d8					*104*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*105*	*70 - 130*			

CET # : 2110009
Project: ECS

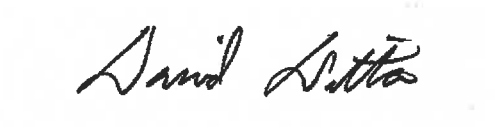
Batch B2K0337 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B2K0337-BLK1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	ND	0.10							
Surrogate: Octacosane					*77.2*	*50 - 150*			
LCS (B2K0337-BS1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	0.540	0.10	0.500		108	60 - 120			
Surrogate: Octacosane					*115*	*50 - 150*			
LCS Dup (B2K0337-BSD1)					Prepared: 11/3/2022 Analyzed: 11/4/2022				
ETPH	0.578	0.10	0.500		116	60 - 120	6.76	30	
Surrogate: Octacosane					*114*	*50 - 150*			

CET # : 2110009
Project: ECS

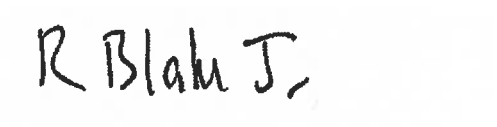
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 2110009
Project: ECS

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Advanced Envir. Redevelopment

Project Location: ECS

Project Number:

Laboratory Sample ID(s):

2110009-01 thru 2110009-02

Sample Date(s):

11/01/2022

List RCP Methods Used:

CT-ETPH

CET #: 2110009

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/07/2022

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260 and 8270 lists.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorobiphenyl	SURR	Low			58.0	2110009-02
2-Fluorobiphenyl	SURR	Low			60.8	B2K0133-BLK1

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B2K0302		2110009-01	439	CT-ETPH	Drinking Water	11/01/2022
B2K0337		2110009-02	450	CT-ETPH	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-01	439	EPA 524.2	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-02	450	EPA 524.2	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-01	439	EPA 524.2 TICs	Drinking Water	11/01/2022
B2K0249	S2K0303	2110009-02	450	EPA 524.2 TICs	Drinking Water	11/01/2022
B2K0133	S2K0710	2110009-01	439	EPA 525.3	Drinking Water	11/01/2022
B2K0133	S2K0710	2110009-02	450	EPA 525.3	Drinking Water	11/01/2022

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 525.3 in Water	
Naphthalene	CT,RI
Acenaphthylene	CT,RI
Acenaphthene	CT,RI
Fluorene	CT,RI
Phenanthrene	CT,RI
Anthracene	CT,RI
Fluoranthene	CT,RI
Pyrene	CT,RI
Benzo[a]anthracene	CT,RI
Chrysene	CT,RI
Benzo[b]fluoranthene	CT,RI
Benzo[k]fluoranthene	CT,RI
Benzo[a]pyrene	CT,RI
Indeno[1,2,3-cd]pyrene	CT,RI
Dibenz[a,h]anthracene	CT,RI
Benzo[g,h,i]perylene	CT,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2023
RI	Rhode Island Certification	LAO 00227	12/30/2022

2110009

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only: Date and Time in Freezer

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Client:

CET:

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filler	Additional Analysis: 524.2 Aromatics	525.3 PAHs	TOTAL # OF CONT.	NOTE #
439	11/1 9AM	W					X				X													X	X	4	
450	11/1 ↓	W					X				X													X	X		

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	11/1 10AM	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
		11/1/22 10:05
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: ECS PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 0 °C Evidence of Cooling: Y N

PAGE OF

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FIRE HOUSE

LABORATORY TEST REPORT

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: JEFFREY ANDREWS

October 14, 2022

RE: Workorder: 1110466 WorkID: 1 CENTER RD 091922

Dear JEFFREY ANDREWS,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

Susan Isch,
Division Director, Environmental Chemistry
This electronic signature is a true representation of my hand written signature

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110466 (1 CENTER RD 091922)

EnvChem Sample Demographics

Street	1 CENTER RD
Town	EASTON
State	CT
Zip Code	06612

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110466001	ASPET6 KITCHEN SINK	Drinking Water	9/19/2022	9/19/2022	18

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110466 (1 CENTER RD 091922)

Analytical Results

Lab ID: 1110466001 Date Received: 9/19/2022 14:20 Matrix: Drinking Water
Sample ID: ASPETS KITCHEN SINK Date Collected: 9/19/2022 10:50 Collector: JEFFREY ANDREWS
Desc:

--- INORGANIC CHEMISTRY ---

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 300.0 (IC))								
Chloride	34	mg/L	2.0	2	9/27/2022 13:47	DM3	9/28/2022 21:25	DM3
Nitrite (as N)	<0.20	mg/L	0.20	1	9/19/2022 15:00	JMG	9/19/2022 17:44	JMG
Nitrate (as N)	7.8	mg/L	0.40	2	9/20/2022 12:19	JMG	9/20/2022 15:03	JMG

--- METALS ---

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 200.8)								
Arsenic	<0.0030	mg/L	0.0030	1	9/21/2022 10:58	JMG	9/21/2022 12:43	JMG

--- WET CHEMISTRY ---

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(CT SOP (Odor))								
Odor, Intensity	0	N/A		1	9/20/2022 10:52	KZ	9/20/2022 11:41	KZ
(EPA 150.1 (PH))								
pH	7.6	S.U.	0.10	1	9/20/2022 11:30	KG	9/20/2022 14:40	KG
(EPA 180.1 (Turbidity))								
Turbidity	<0.30	NTU	0.30	1	9/20/2022 10:51	KZ	9/20/2022 11:41	KZ
(EPA 200.7 (ICP))								
Calcium Hardness	86	mg/L	2.5	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
Total Hardness	125	mg/L	10	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
Calcium	35	mg/L	1.0	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
Iron	<0.040	mg/L	0.040	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
Magnesium	9.5	mg/L	1.0	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
Manganese	<0.040	mg/L	0.040	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
Sodium	10	mg/L	1.0	1	9/22/2022 10:51	KZ	9/22/2022 12:27	KZ
(SM2120 C (Color))								
Color, Apparent	<2	CU	2	1	9/20/2022 11:30	KG	9/20/2022 14:40	KG

1110466 - 20501026

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

30042.0.0

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110466 (1 CENTER RD 091922)

Analytical Results (cont.)

--WET CHEMISTRY--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(SM2120 C (Color))								
Color, True	True color is less than or equal to apparent color.	CU	2	1	9/20/2022 11:30	CW	9/20/2022 14:40	CW
(SM2320 B (Alkalinity))								
Alkalinity	57	mg/L	10	1	9/20/2022 11:30	KG	9/20/2022 14:40	KG
(SM4500-NH3D DW 18th ed.)								
Ammonia (as N)	<0.10	mg/L	0.10	1	10/12/2022 10:27	KZ	10/12/2022 12:00	KZ

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
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LABORATORY TEST REPORT

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: J. ANDREWS

September 20, 2022

RE: Workorder: 1110510 WorkID: 1 CENTER RD WATER 091922

Dear J. ANDREWS,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures.

If you have any questions concerning this report, please contact Kimberly Holmes-Talbot at (860)920-6500 or by email at Kimberly.Holmes-Talbot@ct.gov.

Kimberly Holmes-Talbot, MS
Environmental Microbiology
This electronic signature is a true representation of my hand written signature

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110510 (1 CENTER RD WATER 091922)

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110510001	ASPECT 8	Drinking Water	9/19/2022	9/19/2022	2

Micro Water Sample	
--Submitter Info--	ASPETUCK HEALTH DISTRICT
Collected By:	J. ANDREWS
Source:	KITCHEN SINK
Address:	1 CENTER ROAD
Name of Utility:	EASTON FIRE HOUSE
Temp:	5.1 DEG C
Town:	EASTON
Container Size:	250mL
Station #:	ASPECT 8
Private Well:	Yes (Y)

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110510 (1 CENTER RD WATER 091922)

Analytical Results

Lab ID: 1110510001 Date Received: 9/19/2022 14:18 Matrix: Drinking Water
Sample ID: ASPECT 8 Date Collected: 9/19/2022 10:50 Collector: J. ANDREWS
Desc: KITCHEN SINK

--Environmental Microbiology--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(Enzyme Substrate Coliform Test)								
Total Coliform	ABSENT	/100mL	1	1			9/19/2022 14:50	SHW
E. coli	ABSENT	/100mL	1	1			9/19/2022 14:50	SHW

1110510 - 20388044

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

2004.7.0.0

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

LABORATORY TEST REPORT

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: Andrews, J

RECEIVED
SEP 29 2022
AHD

September 27, 2022

RE: Workorder: 1110504 WorkID: Easton Fire House 9/19/22

Dear Andrews, J,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

Susan Isch,
Division Director, Environmental Chemistry
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1110504 - 20414919

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

3034700

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110504 (Easton Fire House 9/19/22)

EnvChem Sample Demographics

Property	Easton Fire House
Street	1 Center Road
Town	Easton
State	CT
Zip Code	06612
Misc.	203-227-9571

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110504001	Aspet 2 Kitchen Sink	Drinking Water	9/19/2022	9/19/2022	1

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110504 (Easton Fire House 9/19/22)

Analytical Results

Lab ID: 1110504001 Date Received: 9/19/2022 14:19 Matrix: Drinking Water
Sample ID: Aspet 2 Kitchen Sink Date Collected: 9/19/2022 10:50 Collector: Andrews, J
Desc:

UNIDENTIFIED PETROLEUM SCREEN

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 3520/CT ETPH)								
ETPH	<240	ug/L	240	1	9/21/2022 08:07	MR	9/21/2022 17:34	MR

1110504 - 20414919

REPORT OF ANALYSIS

Connecticut Registration No.: PH-0905
EPA Certificate No. 2010CT01

3004.7.0.0

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

LABORATORY TEST REPORT

RECEIVED
SEP 29 2022
AHD

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: Andrews, J.

September 27, 2022

RE: Workorder: 1110482 WorkID: 1 Center Rd 09/19/22

Dear Andrews, J.,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

Susan Isch,
Division Director, Environmental Chemistry
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1110482 - 20421624

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

3004700

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110482 (1 Center Rd 09/19/22)

EnvChem Sample Demographics

Property	Easton Fire House
Street	1 Center Rd
Town	Easton
State	CT
Zip Code	06612
Misc.	(203) 227-9571

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110482001	Aspet 4 Kitchen Sink	Drinking Water	9/19/2022	9/19/2022	70

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110482 (1 Center Rd 09/19/22)

Project Summary

Workorder Comments

- EPA 524.2:
  The compounds 4-Bromofluorobenzene(S) and 1,2-Dichlorobenzene-d4(S) are added to samples and blanks by the laboratory
  as part of our quality control program to ensure the validity of the data.

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110482 (1 Center Rd 09/19/22)

Analytical Results

Lab ID: 1110482001 Date Received: 9/19/2022 14:23 Matrix: Drinking Water
Sample ID: Aspet 4 Kitchen Sink Date Collected: 9/19/2022 10:50 Collector: Andrews, J.
Desc:

-- VOCs in DW (Additional) --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
Acetone	<2.0	ug/L	2.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Diethyl Ether	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Carbon Disulfide	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Methyl Ethyl Ketone	<2.0	ug/L	2.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Tetrahydrofuran	<2.0	ug/L	2.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Methyl Isobutyl Ketone	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2

-- VOCs in Drinking Water --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
Dichlorodifluoromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Chloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Vinyl Chloride	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Bromomethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Chloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Trichlorofluoromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,1-Dichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
tert-Butyl Alcohol	<2.5	ug/L	2.5	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Methylene Chloride	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Methyl tert-Butyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,1-Dichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Isopropyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Bromochloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Chloroform	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
2,2-Dichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
tert-Butyl Ethyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2-Dichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110482 (1 Center Rd 09/19/22)

Analytical Results (cont.)

-- VOCs in Drinking Water --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
1,1-Dichloropropene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Carbon Tetrachloride	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Benzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
tert-Amyl Methyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Dibromomethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2-Dichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Trichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Bromodichloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Toluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,3-Dichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Dibromochloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2-Dibromoethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Tetrachloroethylene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Chlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Ethylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
m- & p-Xylene	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Bromoform	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Styrene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
o-Xylene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2,3-Trichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Isopropylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Bromobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
n-Propylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
2-Chlorotoluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
4-Chlorotoluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
tert-Butylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110482 (1 Center Rd 09/19/22)

Analytical Results (cont.)

-- VOCs in Drinking Water --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
sec-Butylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
4-Isopropyltoluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2-Dichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
n-Butylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Naphthalene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
Hexachlorobutadiene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 15:01	KL2

Surrogate(s)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits
1,2-Dichorobenzene-d4 (S)	ug/L	5	4.8	96	70 - 130
4-Bromofluorobenzene (S)	ug/L	5	4.4	89	70 - 130

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
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LABORATORY TEST REPORT

EMS

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: JEFFREY ANDREWS

October 14, 2022

RE: Workorder: 1110465 WorkID: 448 SPORT HILL RD 091922

Dear JEFFREY ANDREWS,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

RECEIVED
OCT 14 2022
AHD

Susan Isch,
Division Director, Environmental Chemistry
This electronic signature is a true representation of my hand written signature

REPORT OF ANALYSIS

Connecticut Registration No. PH-0905
EPA Certificate No. 2010CT01

3004.7.0.0

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110465 (448 SPORT HILL RD 091922)

EnvChem Sample Demographics

Street	448 SPORT HILL RD
Town	EASTON
State	CT
Zip Code	06612

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110465001	ASPET5 EASTON EMS KITCHEN SINK	Drinking Water	9/19/2022	9/19/2022	19

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
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FINAL REPORT

Work Order #: 1110465 (448 SPORT HILL RD 091922)

Analytical Results

Lab ID: 1110465001 Date Received: 9/19/2022 14:20 Matrix: Drinking Water
Sample ID: ASPETT EASTON EMS KITCHEN SINK Date Collected: 9/19/2022 10:32 Collector: JEFFREY ANDREWS
Desc:

--- INORGANIC CHEMISTRY ---

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 300.0 (IC))								
Chloride	131	mg/L	20	20	9/27/2022 13:47	DM3	9/28/2022 19:43	DM3
Nitrite (as N)	<0.20	mg/L	0.20	1	9/19/2022 15:00	JMG	9/19/2022 16:02	JMG
Nitrate (as N)	0.30	mg/L	0.20	1	9/19/2022 15:00	JMG	9/19/2022 16:02	JMG

--- METALS ---

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 200.8)								
Arsenic	<0.0030	mg/L	0.0030	1	9/21/2022 10:58	JMG	9/21/2022 12:40	JMG

--WET CHEMISTRY--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(CT SOP (Odor))								
Odor, Description	Disagreeable	N/A		1	9/20/2022 10:52	KZ	9/20/2022 11:41	KZ
Odor, Intensity	2	N/A		1	9/20/2022 10:52	KZ	9/20/2022 11:41	KZ
(EPA 150.1 (PH))								
pH	7.3	S.U.	0.10	1	9/20/2022 11:30	KG	9/20/2022 14:02	KG
(EPA 180.1 (Turbidity))								
Turbidity	2.3	NTU	0.30	1	9/20/2022 10:51	KZ	9/20/2022 11:41	KZ
(EPA 200.7 (ICP))								
Calcium Hardness	126	mg/L	2.5	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ
Total Hardness	216	mg/L	10	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ
Calcium	50	mg/L	1.0	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ
Iron	0.18	mg/L	0.040	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ
Magnesium	22	mg/L	1.0	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ
Manganese	0.11	mg/L	0.040	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ
Sodium	33	mg/L	1.0	1	9/22/2022 10:51	KZ	9/22/2022 12:17	KZ

1110465 - 20501023

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
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Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
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FINAL REPORT

Work Order #: 1110465 (448 SPORT HILL RD 091922)

Analytical Results (cont.)

--WET CHEMISTRY--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(SM2120 C (Color))								
Color, Apparent	4	CU	2	1	9/20/2022 11:30	KG	9/20/2022 14:03	KG
Color, True	True color is less than or equal to apparent color.	CU	2	1	9/20/2022 11:30	CW	9/20/2022 14:03	CW
(SM2320 B (Alkalinity))								
Alkalinity	79	mg/L	10	1	9/20/2022 11:30	KG	9/20/2022 14:02	KG
(SM4500-NH3D DW 18th ed.)								
Ammonia (as N)	<0.10	mg/L	0.10	1	10/12/2022 10:27	KZ	10/12/2022 12:00	KZ

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Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
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LABORATORY TEST REPORT

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: J. ANDREWS

September 20, 2022

RE: Workorder: 1110512 WorkID: 448 SPORT HILL RD WATER 091922

Dear J. ANDREWS,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures.

If you have any questions concerning this report, please contact Kimberly Holmes-Talbot at (860)920-6500 or by email at Kimberly.Holmes-Talbot@ct.gov.

Kimberly Holmes-Talbot, MS
Environmental Microbiology
This electronic signature is a true representation of my hand written signature

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110512 (448 SPORT HILL RD WATER 091922)

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110512001	ASPECT 7	Drinking Water	9/19/2022	9/19/2022	2

Micro-Water Sample	
--Submitter Info--	ASPETUCK HEALTH DISTRICT
Collected By:	J. ANDREWS
Source:	KITCHEN SINK
Address:	447 SPORT HILL ROAD
Name of Utility:	TOWN OF EASTON EMS
Temp:	5.1 DEG C
Town:	EASTON
Container Size:	250mL
Station #:	ASPECT 7
Private Well:	Yes (Y)

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110512 (448 SPORT HILL RD WATER 091922)

Analytical Results

Lab ID: 1110512001 **Date Received: 9/19/2022 14:21** **Matrix: Drinking Water**
Sample ID: ASPECT 7 **Date Collected: 9/19/2022 10:32** **Collector: J. ANDREWS**
Desc: KITCHEN SINK

--Environmental Microbiology--

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(Enzyme Substrate Coliform Test)								
Total Coliform	ABSENT	/100mL	1	1			9/19/2022 14:50	SHW
E. coli	ABSENT	/100mL	1	1			9/19/2022 14:50	SHW

1110512 - 20388046

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
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3004.7.0.0

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
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LABORATORY TEST REPORT

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: Andrews, J

September 27, 2022

RE: Workorder: 1110503 WorkID: Easton EMS 9/19/22

Dear Andrews, J,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

Susan Isch,
Division Director, Environmental Chemistry
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1110503 - 20414912

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

3004.7.8.8

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110503 (Easton EMS 9/19/22)

EnvChem Sample Demographics

Property	Easton EMS
Street	448 Sport Hill Road
Town	Easton
State	CT
Zip Code	06612
Misc	203-277-9571

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110503001	Aspet 1 Kitchen Sink	Drinking Water	9/19/2022	9/19/2022	1

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
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2004.7.0.0

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110503 (Easton EMS 9/19/22)

Analytical Results

Lab ID: 1110503001 Date Received: 9/19/2022 14:21 Matrix: Drinking Water
Sample ID: Aspet 1 Kitchen Sink Date Collected: 9/19/2022 10:32 Collector: Andrews, J
Desc:

UNIDENTIFIED PETROLEUM SCREEN

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 3520/CT ETPH)								
ETPH	<240	ug/L	240	1	9/21/2022 08:07	MR	9/21/2022 16:05	MR

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

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Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

LABORATORY TEST REPORT

Report To **Mr. Mark A.R. Cooper**
Aspectuck Health District
180 BAYBERRY LN
WESTPORT, CT 06880

Attention: Andrews, J.

September 27, 2022

RE: Workorder: 1110481 WorkID: 448 Sport Hill Rd 09/19/22

Dear Andrews, J.,

Enclosed are the analytical results for sample(s) received by the laboratory Monday, September 19, 2022. The signature on this report indicates the samples were analyzed according to the laboratory's standard operating procedures, except as noted in the report narrative.

If you have any questions concerning this report, please contact Susan Isch at (860)920-6500 or by email at susan.isch@ct.gov.

Susan Isch,
Division Director, Environmental Chemistry
This electronic signature is a true representation of my hand written signature

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110481 (448 Sport Hill Rd 09/19/22)

EnvChem Sample Demographics

Property	Easton EMS
Street	448 Sport Hill Rd
Town	Easton
State	CT
Zip Code	06612
Misc.	(203) 227-9571

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Analytes Reported
1110481001	Aspet 3 Kitchen Sink	Drinking Water	9/19/2022	9/19/2022	70

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
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FINAL REPORT

Work Order #: 1110481 (448 Sport Hill Rd 09/19/22)

Project Summary

Workorder Comments

- EPA 524.2:
  The compounds 4-Bromofluorobenzene(S) and 1,2-Dichlorobenzene-d4(S) are added to samples and blanks by the laboratory
  as part of our quality control program to ensure the validity of the data.

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110481 (448 Sport Hill Rd 09/19/22)

Analytical Results

Lab ID: 1110481001 — **Date Received: 9/19/2022 14:22** — **Matrix: Drinking Water**
Sample ID: Aspet 3 Kitchen Sink — **Date Collected: 9/19/2022 10:32** — **Collector: Andrews, J.**
Desc:

-- VOCs in DW (Additional) --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
Acetone	<2.0	ug/L	2.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Diethyl Ether	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Carbon Disulfide	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Methyl Ethyl Ketone	<2.0	ug/L	2.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Tetrahydrofuran	<2.0	ug/L	2.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Methyl Isobutyl Ketone	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2

-- VOCs in Drinking Water --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
Dichlorodifluoromethane	0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Chloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Vinyl Chloride	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Bromomethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Chloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Trichlorofluoromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,1-Dichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
tert-Butyl Alcohol	<2.5	ug/L	2.5	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Methylene Chloride	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Methyl tert-Butyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,1-Dichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Isopropyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Bromochloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Chloroform	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
2,2-Dichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
tert-Butyl Ethyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2-Dichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2

REPORT OF ANALYSIS

Connecticut Registration No : PH-0905
EPA Certificate No. 2010CT01

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110481 (448 Sport Hill Rd 09/19/22)

Analytical Results (cont.)

-- VOCs in Drinking Water --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
1,1-Dichloropropene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Carbon Tetrachloride	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Benzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
tert-Amyl Methyl Ether	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Dibromomethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2-Dichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Trichloroethene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Bromodichloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Toluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,3-Dichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Dibromochloromethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2-Dibromoethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Tetrachloroethylene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Chlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Ethylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
m- & p-Xylene	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Bromoform	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Styrene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
o-Xylene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2,3-Trichloropropane	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Isopropylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Bromobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
n-Propylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
2-Chlorotoluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
4-Chlorotoluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
tert-Butylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Dr. Katherine A. Kelley State Public Health Laboratory 395 West Street, Rocky Hill, CT
Phone: (860) 920-6500 Fax: (860) 920-6718

FINAL REPORT

Work Order #: 1110481 (448 Sport Hill Rd 09/19/22)

Analytical Results (cont.)

-- VOCs in Drinking Water --

Parameter	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By
(EPA 524.2)								
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
sec-Butylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
4-Isopropyltoluene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2-Dichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
n-Butylbenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	1.0	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Naphthalene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
Hexachlorobutadiene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1	9/21/2022 09:57	KL2	9/21/2022 14:38	KL2

Surrogate(s)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits
1,2-Dichorobenzene-d4 (S)	ug/L	5	4.8	96	70 - 130
4-Bromofluorobenzene (S)	ug/L	5	4.7	94	70 - 130

Aquatek LABS

3 Research Drive - Woodbridge, CT 06525

Water Analysis Report

TEST ID: A072522010
DATE SAMPLED: 7/25/2022
SAMPLE POINT: HOLDING TANK
NO TREATMENT
SAMPLED BY: GREGG PAULY - AQUATEK LABS

TO: MONTGOMERY, STEVEN

PROPERTY LOCATION: 25 OLD OAK ROAD - EASTON , CT

VOLATILE ORGANIC COMPOUNDS	RESULT	UNITS	LIMITS		MRL	REF	METHOD
1,1,1,2-Tetrachloroethane	ND	ug/L	NONE	-	0.50		EPA 524.2
1,1,1-Trichloroethane	ND	ug/L	200	P	0.50		EPA 524.2
1,1,2,2-Tetrachloroethane	ND	ug/L	NONE	-	0.50		EPA 524.2
1,1,2-Trichloroethane	ND	ug/L	5	P	0.50		EPA 524.2
1,1-Dichloroethane	ND	ug/L	NONE	-	0.50		EPA 524.2
1,1-Dichloroethene	ND	ug/L	7	P	0.50		EPA 524.2
1,1-Dichloropropene	ND	ug/L	NONE	-	0.50		EPA 524.2
1,2,3-Trichlorobenzene	ND	ug/L	NONE	-	0.50		EPA 524.2
1,2,3-Trichloropropane	ND	ug/L	NONE	-	0.50		EPA 524.2
1,2,4-Trichlorobenzene	ND	ug/L	70	P	0.50		EPA 524.2
1,2,4-Trimethylbenzene	ND	ug/L	NONE	-	0.50		EPA 524.2
1,2-Dichlorobenzene	ND	ug/L	600	P	0.50		EPA 524.2
1,2-Dichloroethane (EDC)	ND	ug/L	5	P	0.50		EPA 524.2
1,2-Dichloropropane	ND	ug/L	5	P	0.50		EPA 524.2
1,3,5-Trimethylbenzene	ND	ug/L	NONE	-	0.50		EPA 524.2
1,3-Dichlorobenzene	ND	ug/L	NONE	-	0.50		EPA 524.2
1,4-Dichlorobenzene	ND	ug/L	75	P	0.50		EPA 524.2
2,2-Dichloropropane	ND	ug/L	NONE	-	0.50		EPA 524.2
2-Chlorotoluene	ND	ug/L	NONE	-	0.50		EPA 524.2
4-Chlorotoluene	ND	ug/L	NONE	-	0.50		EPA 524.2
Benzene	ND	ug/L	5	P	0.50		EPA 524.2
Bromobenzene	ND	ug/L	NONE	-	0.50		EPA 524.2
Bromochloromethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Bromodichloromethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Bromoform	ND	ug/L	NONE	-	0.50		EPA 524.2
Bromomethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Carbon tetrachloride	ND	ug/L	5	P	0.50		EPA 524.2
Chlorobenzene	ND	ug/L	100	P	0.50		EPA 524.2
Chloroethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Chloroform	ND	ug/L	NONE	-	0.50		EPA 524.2
Chloromethane	ND	ug/L	NONE	-	0.50		EPA 524.2
cis-1,2-Dichloroethene	ND	ug/L	70	P	0.50		EPA 524.2
cis-1,3-Dichloropropane	ND	ug/L	NONE	-	0.40		EPA 524.2
Dibromochloromethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Dibromomethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Dichlorodifluoromethane	ND	ug/L	NONE	-	0.50		EPA 524.2
Ethylbenzene	ND	ug/L	700	P	0.50		EPA 524.2
Hexachlorobutadiene	ND	ug/L	NONE	-	0.50		EPA 524.2
Isopropylbenzene	ND	ug/L	NONE	-	0.50		EPA 524.2
m&p-Xylene	ND	ug/L	NONE	-	0.5		EPA 524.2

Methylene chloride	ND	ug/L	5	P	0.50	EPA 524.2
Methyl-t-butyl ether (MTBE)	ND	ug/L	NONE	-	0.50	EPA 524.2
Naphthalene	ND	ug/L	NONE	-	0.50	EPA 524.2
n-Butylbenzene	ND	ug/L	NONE	-	0.50	EPA 524.2
n-Propylbenzene	ND	ug/L	NONE	-	0.50	EPA 524.2
o-Xylene	ND	ug/L	NONE	-	0.50	EPA 524.2
p-Isopropyltoluene	ND	ug/L	NONE	-	0.50	EPA 524.2
sec-Butylbenzene	ND	ug/L	NONE	-	0.50	EPA 524.2
Styrene	ND	ug/L	100	P	0.50	EPA 524.2
tert-Butylbenzene	ND	ug/L	NONE	-	0.50	EPA 524.2
Tetrachloroethene	ND	ug/L	5	P	0.50	EPA 524.2
Toluene	ND	ug/L	1000	P	0.50	EPA 524.2
Total Trihalomethanes	ND	ug/L	80	P	0.50	EPA 524.2
Total Xylenes	ND	ug/L	10000	P	0.5	EPA 524.2
trans-1,2-Dichloroethene	ND	ug/L	100	P	0.50	EPA 524.2
trans-1,3-Dichloropropene	ND	ug/L	NONE	-	0.40	EPA 524.2
Trichloroethene	ND	ug/L	5	P	0.50	EPA 524.2
Trichlorofluoromethane	ND	ug/L	NONE	-	0.50	EPA 524.2
Vinyl chloride	ND	ug/L	2	P	0.50	EPA 524.2

CONCLUSION: Based on the above results, this water was safe for drinking purposes at the time of collection.

P = Primary limit, used to judge potability
S = Secondary limit, recommended but not required
MRL = Minimum Reportable Level
* Limit exceeded
ND = None Detected
CT License #PH-0466, Aquatek Labs

R = Reference Lab Work

Austin Xu Ph.D.
Laboratory Director

Rachel Kolva
Laboratory Co-Director

CPR-9 Rev. 7/95

Permit # 11950

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION
WELL DRILLING COMPLETION REPORT
165 Capitol Avenue, Hartford, Connecticut 06106

Do NOT fill in
STATE WELL NO.
OTHER NO.

OWNER — NAME: FRANK Wisi — ADDRESS: EASTON

LOCATION OF WELL — 450 (No.) STORY HILL (Street) — (Town) — (Lot Number) EASTON

PROPOSED USE OF WELL
- [x] DOMESTIC
- [ ] BUSINESS ESTABLISHMENT
- [ ] FARM
- [ ] TEST WELL
- [ ] PUBLIC SUPPLY
- [ ] INDUSTRIAL
- [ ] AIR CONDITIONING
- [ ] OTHER (Specify)

DRILLING EQUIPMENT
- [ ] ROTARY
- [ ] COMPRESSED AIR PERCUSSION
- [x] CABLE PERCUSSION
- [ ] OTHER (Specify)

CASING DETAILS — LENGTH (feet): 35 — DIAMETER (inches): 6 — WEIGHT PER FOOT: 19
- [x] THREADED [ ] WELDED
- DRIVE SHOE: [x] YES [ ] NO
- WAS CASING GROUTED?: [x] YES [ ] NO

YIELD TEST
- [x] BAILED [ ] PUMPED [ ] COMPRESSED AIR
- HOURS:
- YIELD (GPM): 30+

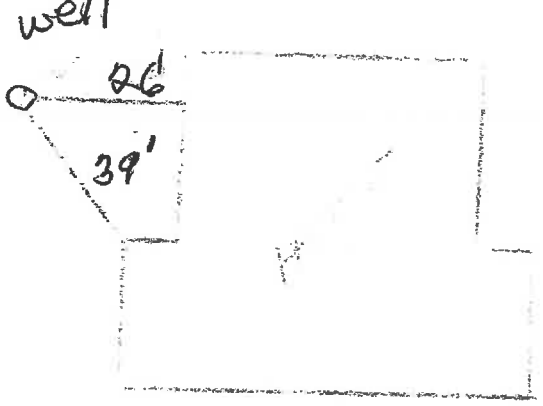
WATER LEVEL — MEASURE FROM LAND SURFACE - STATIC (Specify feet): 2 ft — DURING YIELD TEST (feet): — Depth of Completed Well in feet: 190

SCREEN DETAILS — MAKE:

SLOT SIZE	DIAMETER (inches)	IF GRAVEL PACKED:	Diameter of well including gravel pack (inches)	GRAVEL SIZE (inches)	LENGTH OPEN TO AQUIFER (feet) FROM (feet)	TO (feet)

DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION
0	18	HARD PAN
18	30	Shale
~~190~~		
30	190	Soft granite

Sketch exact location of well with distances, to at least two permanent landmarks



If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE
60	4
150	10
190	30+

RECEIVED
JUL 21 2009
TOWN OF EASTON
[ ] BUILDING [ ] HEALTH

DATE WELL COMPLETED	PERMIT NO.	REGISTRATION NO.	DATE OF REPORT	WELL DRILLER (Signature)
4-22-09	228236	81	7-6-09	John Bross

LOCAL DIRECTOR OF HEALTH

WELL COMPLETION REPORT

CPR-9 REV. 9-79

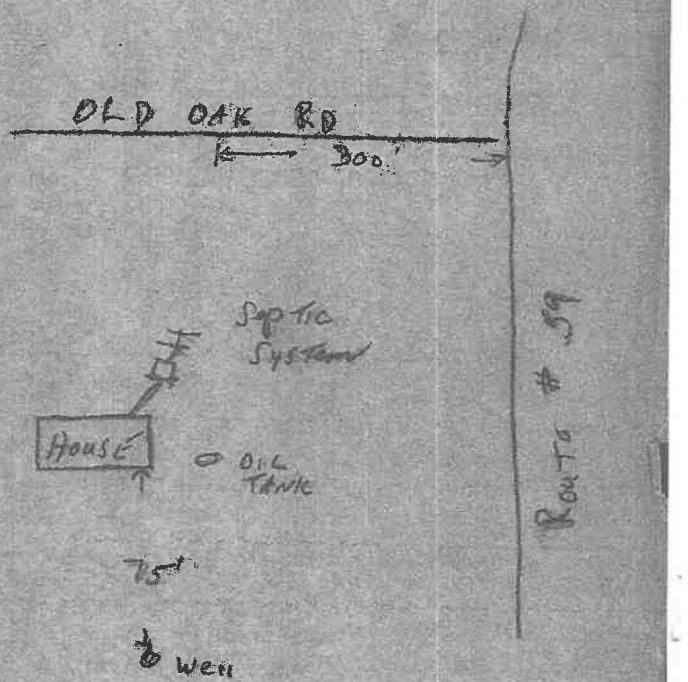
STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
WELL DRILLING BOARD
20 GRAND STREET
HARTFORD, CONNECTICUT 06106

Do NOT fill in
STATE WELL NO.
OTHER NO.

OWNER	NAME: Paul Gould	ADDRESS: 426 Judd Rd Easton	
LOCATION OF WELL	(No. & Street): 25 OLD OAK ROAD	(Town): EASTON	(Lot Number)
PROPOSED USE OF WELL	[X] DOMESTIC; [ ] BUSINESS ESTABLISHMENT; [ ] FARM; [ ] TEST WELL; [ ] PUBLIC SUPPLY; [ ] INDUSTRIAL; [ ] AIR CONDITIONING; [ ] OTHER (Specify)		
DRILLING EQUIPMENT	[ ] ROTARY; [ ] COMPRESSED AIR PERCUSSION; [X] CABLE PERCUSSION; [ ] OTHER (Specify)		
CASING DETAILS	LENGTH (feet): 20; DIAMETER (inches): 6; WEIGHT PER FOOT: 17; [X] THREADED; [ ] WELDED; DRIVE SHOE [X] YES [ ] NO; WAS CASING GROUTED? [X] YES [ ] NO		
YIELD TEST	[X] BAILED; [ ] PUMPED; [ ] COMPRESSED AIR; HOURS: 4; YIELD (G.P.M.): 15		
WATER LEVEL	MEASURE FROM LAND SURFACE—STATIC (Specify feet): 20'; DURING YIELD TEST (feet): 100'; Depth of Completed Well in feet below Land surface: 170		
SCREEN DETAILS	MAKE; LENGTH OPEN TO AQUIFER (feet); SLOT SIZE; DIAMETER (inches); IF GRAVEL PACKED: Diameter of well including gravel pack (inches); GRAVEL SIZE (inches); FROM (feet); TO (feet)		

DEPTH FROM LAND SURFACE FEET TO FEET		FORMATION DESCRIPTION
0	12	SAND & GRAVEL
12	20	Grey SHALE
20	170	" "

Sketch exact location of well with distances, to at least two permanent landmarks.



If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE
120	3
170	15

DATE WELL COMPLETED	PERMIT NO.	REGISTRATION NO.	DATE OF REPORT	WELL DRILLER (Signature)
AUG 10, 1981	67336	130	Oct 9, 1981	Howard Tuttle

LOCAL DIRECTOR OF HEALTH

TOWN OF EASTON – HEALTH DEPARTMENT

As-Built Plan
PAUL GOULD

NOV 7 1983

TOWN OF EASTON
BUILDING DEPT.

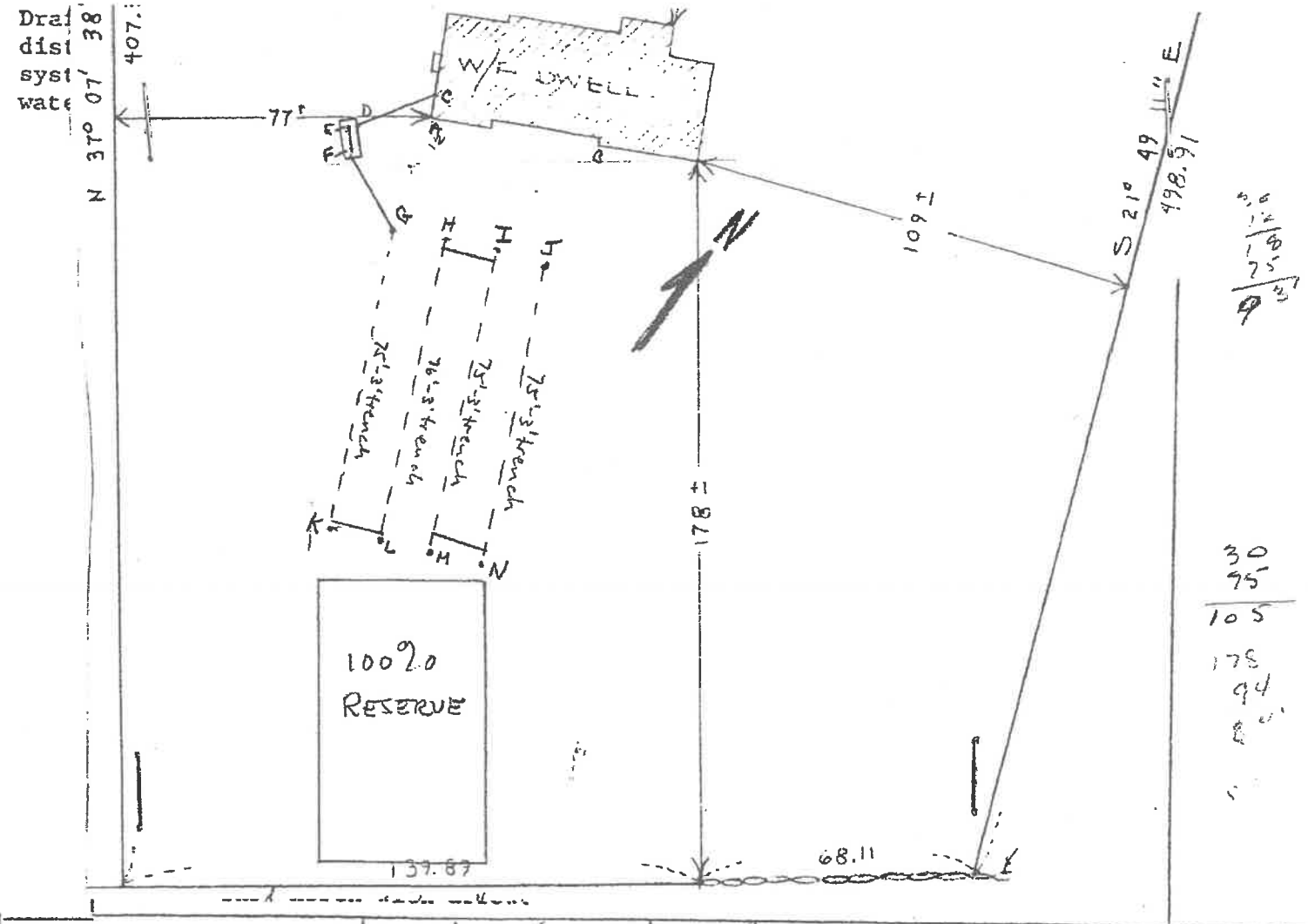
Permit # 3887

Town EASTON

Date 11-3-83

Location 25 OLD OAK ROAD
House or Lot # Street

✓ New Septic System
__ Repair of Existing System



Point	D #1	E #2	F #3	G #4	H #5	I #6	J #7	K #8	L #9	M #10	N
Distance from corner "A"	17-4	19-8	20-9	30-0	30-6	36-10	46-11	104-7	104-10	107-0	113-3
Distance from corner "B"	59-2	61-6	60-8	54-6	43-7	36-0	33-6	115-1	109-6	106-9	107-5
Distance from corner "C"											

WELL COMPLETION REPORT

CPR-9 REV. 11-82

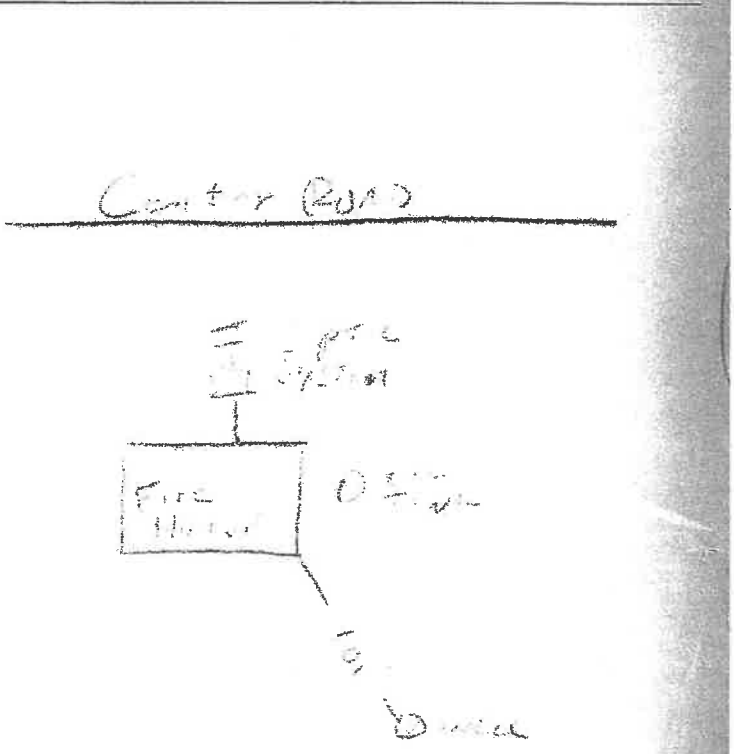
STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
WELL DRILLING BOARD
165 CAPITOL AVE.
HARTFORD, CONNECTICUT 06106

Do NOT fill in
STATE WELL NO
OTHER NO

OWNER	NAME [illegible] FIRE DEPT	ADDRESS Center Road Easton #1	
LOCATION OF WELL #1	(No. & Street) Center Road	(Town) Easton #1	(Lot Number)
PROPOSED USE OF WELL	☐ DOMESTIC ☐ BUSINESS ESTABLISHMENT ☐ FARM ☐ TEST WELL	☐ PUBLIC SUPPLY ☐ INDUSTRIAL ☐ AIR CONDITIONING ☐ OTHER (Specify) Fire House	
DRILLING EQUIPMENT	☐ ROTARY ☐ COMPRESSED AIR PERCUSSION ☒ CABLE PERCUSSION ☐ OTHER (Specify)		
CASING DETAILS	LENGTH (feet) [illegible]	DIAMETER (inches) 6	WEIGHT PER FOOT 17 ☒ THREADED ☐ WELDED
	DRIVE SHOE ☑ YES ☐ NO	WAS CASING GROUTED? ☒ YES ☐ NO	
YIELD TEST	☒ BAILED ☐ PUMPED ☐ COMPRESSED AIR	HOURS 1	YIELD (G P M) 25
WATER LEVEL	MEASURE FROM LAND SURFACE—STATIC (Specify feet) 20	DURING YIELD TEST (feet)	Depth of Completed Well in feet below Land surface: 130
SCREEN DETAILS	MAKE		LENGTH OPEN TO AQUIFER (feet)
	SLOT SIZE	DIAMETER (inches)	IF GRAVEL PACKED: Diameter of well including gravel pack (inches): GRAVEL SIZE (inches) FROM (feet) TO (feet)

DEPTH FROM LAND SURFACE FEET TO FEET		FORMATION DESCRIPTION
0	16	Dirt
16	[illegible]	[illegible]
[illegible]	125	
125	[illegible]	[illegible]

Sketch exact location of well with distances, to at least two permanent landmarks.



If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE
[illegible]	6
[illegible]	25

DATE WELL COMPLETED	PERMIT NO.	REGISTRATION NO.	DATE OF REPORT	WELL DRILLER (Signature)
1/1/82	[illegible]	[illegible]	[illegible]	[illegible] Tuttle

LOCAL DIRECTOR OF HEALTH

CONSUMER PROTECTION
WELL DRILLING BOARD
CPR-5 REV. 11-82

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
WELL DRILLING PERMIT
165 CAPITOL AVE., HARTFORD, CONNECTICUT 06106

PERMIT NUMBER
133247

EASTON Center ROAD #1

LOCATION OF WELL (Town) EASTON VOL. FIRE CO. (Street) (Lot Number) DATE AUG 25, 1988

OWNER OF WELL
☐ INDIVIDUAL ☐ BUILDER ☒ OTHER (Specify) FIRE HOUSE

OWNER'S ADDRESS Center ROAD #1

PROPOSED USE OF WELL
☐ DOMESTIC ☐ BUSINESS ESTABLISHMENT ☐ FARM ☐ TEST WELL
☐ PUBLIC SUPPLY ☐ INDUSTRIAL ☐ AIR CONDITIONING ☒ OTHER (Specify) FIRE HOUSE

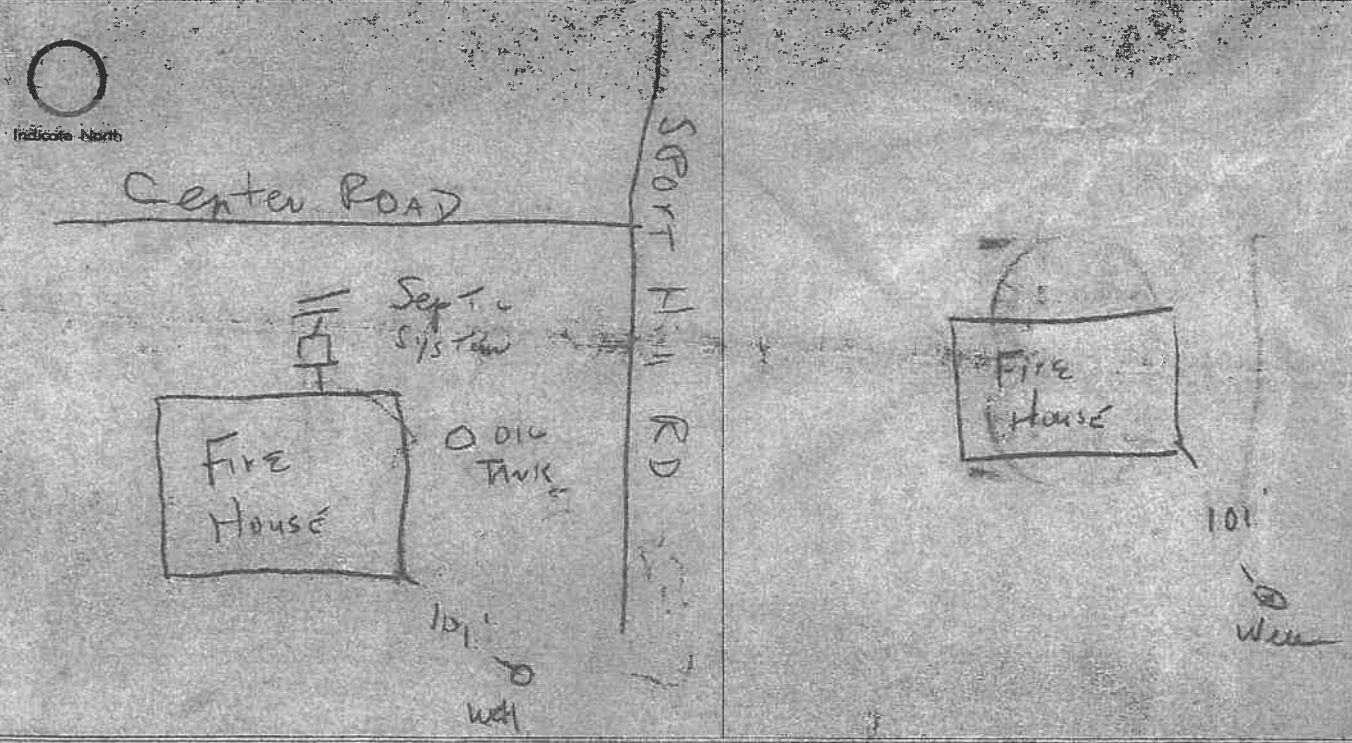
Est. No. of People being served.

SKETCH OF WELL LOCATION

Locate well with respect to at least two roads, showing distance from intersection and front of lot

Location of lot to at least two roads

Well location on lot and to house (if present)



Approximate number of feet from well to nearest source of possible contamination: 130'

The undersigned is aware that upon completion of the well, a "Well Completion Report" containing construction details and information required under Section 25-131 of the 1969 Supplement to the General Statutes must be sent to the owner, the Board and the Water Resources Commission on the form provided by the Board. This permit is not valid until all information is filled in and it has been counter-signed by the Director of Health or his agent.

APPLICANT (Signature) Howard Tuttle
APPLICANT'S ADDRESS 281 Silver Hill Rd Derby
REGISTRATION NO. 130

☒ APPROVED ☐ REJECTED
BY (Town Health Officer or Agent) Carleton H. Waring
DATE 9/1/88

REMARKS

PAID

DIRECTOR OF HEALTH

OPB-9 Rev. 7/95

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION

WELL DRILLING COMPLETION REPORT

450 Columbus Blvd., Suite 901, Hartford, CT 06103

Do NOT fill in
STATE WELL NO.
OTHER NO.

LOCATION OF WELL (No. & Street) 27 Old Oak Rd (Town) Easton (Lot Number)

OWNER Name: Peter Stofa Address:

PROPOSED USE OF WELL: [X] DOMESTIC [ ] BUSINESS ESTABLISHMENT [ ] FARM [ ] TEST WELL; [ ] PUBLIC SUPPLY [ ] INDUSTRIAL [ ] AIR CONDITIONING [ ] OTHER (Specify)

DRILLING EQUIPMENT: [ ] ROTARY [ ] COMPRESSED AIR PERCUSSION [X] CABLE PERCUSSION [ ] OTHER (Specify)

CASING DETAILS

LENGTH (feet)	DIAM. (in inches)	WEIGHT PER FOOT			DRIVE SHOE	WAS CASING DISSOTTED
25	6	17	[X] THREADED	[ ] WELDED	[X] YES [ ] NO	[X] YES [ ] NO

YIELD TEST: [X] BAILED [ ] PUMPED [ ] COMPRESSED AIR — HOURS: 6 — YIELD (GPM): 20+

WATER LEVEL: MEASURE FROM LAND SURFACE - STATIC (Specify feet): 10 — DURING YIELD TEST (feet): 50 — Depth of Completed Well in feet: 230

SCREEN DETAILS: MAKE — LENGTH OPEN TO AQUIFER (feet)

SLOT SIZE	DIAMETER (inches)	# GRAVEL PACKED	Diameter of well including gravel pack (inches)	GRAVEL SIZE (inches)	FROM (feet)	TO (feet)

DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION
0	14	Sand
14	24	Brown Shale
24	230	Gray shale

Sketch exact location of well with distances, to at least two permanent landmarks

If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE
130	5
230	20+

DATE WELL COMPLETED | PERMIT NO. | REGISTRATION NO. | DATE OF REVISION | WELL OPERATOR (Signature)

APPENDIX B
PHOTOGRAPHIC DOCUMENTATION

440 SPORT HILL ROAD
EASTON, CONNECTICUT

MW-1

MW-2

MW-1

MW-3

APPENDIX C
TEST BORING LOGS

AER/ADVANCED ENVIRONMENTAL REDEVELOPMENT, LLC
900 Madison Avenue, Room 213, Bridgeport, CT 06606
tel: 203-333-2767 fax: 203-333-4770

TEST BORING AND MONITOR WELL LOG

Date: 10/4/22 **MW-1**

Location: 440 Sport Hill Road, Easton, Connecticut Sheet 1 of 1

Well diameter: 2" Well materials: PVC File number: 965

Contractor: Hardiman, HSA, Air Hammer

Boring logged by: CJK

Depth	No.	pen./rec. in inches	depth in feet	blows	PID	Sample Description	Stratum Description
0		24/24	0-2			0-6" asphalt; Brown fine to coarse sand and gravel, some silt	Sand and gravel
2							
5		24/10	5-7	46/100-3"		Brown fine to coarse sand and gravel, some cobbles and silt	*
10		24/6	10-12	100-3"		Brown fine to coarse sand and gravel with cobbles; refusal on bedrock ±10'	Bedrock
15							
20							
25						EOB ± 24'	
30							
35							

NOTES:

Screen set : 14-24' Approximate depth to water: dry at time of drilling

Bentonite Seal: 2-3'

AER/ADVANCED ENVIRONMENTAL REDEVELOPMENT, LLC
900 Madison Avenue, Room 213, Bridgeport, CT 06606
tel: 203-333-2767 fax: 203-333-4770

TEST BORING AND MONITOR WELL LOG

Date: 10/4/22 **MW-2**

Location: 440 Sport Hill Road, Easton, Connecticut Sheet 1 of 1

Well diameter: 2" Well materials: PVC File number: 965

Contractor: Hardiman, HSA, Air Hammer

Boring logged by: CJK

Depth	No.	pen./rec. in inches	depth in feet	blows	PID	Sample Description	Stratum Description
0		24/20	0-2			0-6" asphalt; Brown fine to coarse sand and gravel, some silt	Sand and gravel
2							
5		24/18	5-7	3/4/35/80		Brown fine to coarse sand and silt, little coarse gravel	Sand and silt *
10		24/6	10-12	100-3"		Brown fine to coarse sand and gravel with cobbles; refusal on bedrock ±10'	Bedrock
15							
20						EOB ±20'	
25							
30							
35							

NOTES:

Screen set : 10-20' Approximate depth to water: dry at time of drilling

Bentonite Seal: 2-3'

AER/ADVANCED ENVIRONMENTAL REDEVELOPMENT, LLC
900 Madison Avenue, Room 213, Bridgeport, CT 06606
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TEST BORING AND MONITOR WELL LOG

Date: 10/4/22 **MW-3**

Location: 440 Sport Hill Road, Easton, Connecticut Sheet 1 of 1

Well diameter: 2" Well materials: PVC File number: 965

Contractor: Hardiman, HSA, Air Hammer

Boring logged by: CJK

Depth	No.	pen./rec. in inches	depth in feet	blows	PID	Sample Description	Stratum Description
0		24/20	0-2			0-6" recycled asphalt; Brown fine to coarse sand and gravel, some silt	Sand and gravel
2							
5		24/18	5-7	3/4/35/80		Brown fine to coarse sand and silt, little coarse gravel	Sand and silt *
10		24/6	10-12	100-3"		Brown fine to coarse sand and gravel with cobbles; refusal on bedrock ±10'	Bedrock
15							
20							
25						EOB ± 25'	
30							
35							

NOTES:

Screen set : 15-25' Approximate depth to water: dry at time of drilling

Bentonite Seal: 2-3' Sample collected for analysis: *