Hartford, Connecticut

1355-1357 and 1359-1363 Main Street 522 and 532 Ann Uccello Street

City of Hartford Department of Development Services

April 2022

PHASE II ENVIRONMENTAL SITE ASSESSMENT -DRAFT-

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Prepared for: City of Hartford Department of Development Services

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1.0 INTRODUCTION

At the request of the City of Hartford Department of Development Services (hereinafter referred to as the "Client"), BETA Group, Inc. (BETA) performed a Phase II Environmental Site Assessment (ESA) for the properties located at 1355-1357 and 1359-1363 Main Street and 522 and 532 Ann Uccello Street, collectively and hereinafter referred to as the Site. The Site is currently undeveloped with the exception of the 1355 Main Street parcel, which is occupied by a vacant structure which formerly operated as a restaurant with apartment units above. This report documents the findings from the Phase II ESA that BETA has prepared for the Site. See ***Figure 1*** for a Locus Map showing the Site and the surrounding area.

1.1 PURPOSE AND SCOPE

The Phase II ESA was performed to evaluate the presence or absence of constituents of concern (COCs) within Areas of Concern (AOCs) and Recognized Environmental Conditions (RECs) identified during a recent Phase I ESA (*BETA, 2022*). The presence of COCs in soil, groundwater and indoor air at concentrations above background levels will be evaluated to determine if a release has occurred at an AOC or REC. The scope of services for this Phase II ESA included the advancement of soil borings; installation of monitoring wells; observation and collection of soil samples from the borings; and laboratory analysis of soil, groundwater and indoor air samples. The scope of work was performed in general accordance with the guidelines of the Connecticut Department of Energy and Environmental Protection (DEEP) Site Characterization Guidance Document (SCGD).

1.2 LIMITATIONS AND EXCEPTIONS

While measures were taken to assess historical, surficial, and subsurface conditions at the site, it should be noted that subsurface soil and groundwater conditions are subject to natural processes that can vary over relatively short distances and as such information pertaining to conditions at the Site are relative solely to the locations sampled during this investigation. Information relevant to the Phase II ESA is therefore based on conditions encountered in the field during the investigation as well as data compiled through analysis of soil, groundwater and indoor air samples. This assessment does not document compliance by present or past site owners with federal, state, or local laws and regulations, nor does it claim that all environmental problems past, present, or otherwise have been detected.

1.3 SPECIAL TERMS AND CONDITIONS

The accuracy of this Phase II ESA is based solely on the accuracy of the information reported. If information becomes available concerning the site that is not included in this report, it should be made available to BETA so that the Phase II ESA can be re-examined and modified where applicable. This Phase II ESA report has been prepared on behalf of, and for the exclusive use of the Client. BETA has retained a copy of this report. No additions or deletions are permitted without the written consent of BETA. This report herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of BETA. This Phase II ESA is subject to the terms of the Agreement between the Client and BETA and the Limitations summarized in **Section 1.2**.

2.0 SITE BACKGROUND

The following sections include a description of the Site and surrounding areas, current and historical activities, environmental setting, and regulatory status.

2.1 SITE DESCRIPTION

The Site consists of 0.18 acres of land and includes the following properties:

Parcel ID	Physical Address	Lot Size	Current Owner	Zoning District[1]
244-288-094	1355-1357 Main Street	0.045 acres	City of Hartford	Downtown (DT-3)
244-288-095	1359-1363 Main Street	0.067 acres	City of Hartford	Downtown (DT-3)
244-288-061	522 Ann Uccello Street	0.037 acres	House of Bread, Inc.	Neighborhood Mix (NX-1)
244-288-060	532 Ann Uccello Street	0.031 acres	House of Bread, Inc.	Neighborhood Mix (NX-1)

[1]City of Hartford Zoning Map, Amended August 22, 2017

The approximate geographic coordinates of the center of the Site are North 41˚46’ 21.95’’ latitude and West 72˚ 40’ 36.83’’ longitude. The Site location, local topography, nearby water bodies, and major access routes are depicted on **Figure 1**, which was developed using the United States Geological Survey (USGS) 7.5-minute series topographic quadrangle maps for the Hartford North, Connecticut and Hartford South, Connecticut dated 2012. The 1355-1357 Main Street property is occupied by a 4-story brick building formerly used as a restaurant with apartment units above. This building is currently vacant. The remainder of the site is covered by grass areas. A Site Plan, depicting pertinent Site features, is included as **Figure 2**.

The Site is located in a developed area of Hartford at the southern corner of the intersection of Main and Ann Uccello Streets. Land-use in the area of the Site includes residential, commercial, municipal and educational properties. Information concerning the usage of surrounding properties was compiled from the Site reconnaissance as summarized below.

The Site is bounded to the north by Main Street, beyond which are vacant and commercial properties. To the east by Main Street, beyond which is the Capital Preparatory Magnet School. To the south, the Site is bounded by residential and commercial properties. To the west, the Site is bounded by Ann Uccello Street, beyond which is a vacant building.

2.2 SITE HISTORY

The Site and surrounding area were developed as early as the late 1800s. Main and Ann Uccello (formerly Ann Street) Streets are shown in their current configurations during this time. The Site and surrounding area were developed primarily for residential purposes through approximately 1925. From 1925 until the present, the Site and surrounding area have been used for residential and commercial purposes. Notable historical operations at the Site and surrounding area include: a dry-cleaning operation at the Site for approximately 24 years from 1946 until 1968 and gasoline filling/service station operation adjacent to the site to the west, across Ann Uccello Street, for approximately 10 years from 1941 to 1951. The Site appears to have been used for residential and/or commercial operations in some capacity until the early 2010s.

2.3 ENVIRONMENTAL SETTING

The Site is located at an elevation of approximately 62 feet above mean sea level. Topography at the Site slopes gently to the northwest. There are no wetlands or surface water bodies on the Site. The Site is primarily covered by grass areas and stormwater is expected to infiltrate the ground surface. Stormwater runoff generally follows surface topography and is conveyed to subsurface piping via catch basins located

in Ann Uccello and Main Streets. The nearest surface water body to the Site is the Connecticut River, located approximately 2,500 feet east of the Site. Groundwater flow direction was determined to follow surficial topography and flow northwest based on groundwater information obtained during this Phase II ESA.

Observations during this assessment indicate soil beneath the Site consist of fill material, underlain by unconsolidated fine-grained sediments (fine sand, silt and clay). The United State Department of Agriculture (USDA) survey for soils in the vicinity of the Site indicate that soils are designated as Urban Land soils. Bedrock beneath the Site consists of the Portland Arkose, which is described as a reddish-brown arkose or brownstone. Bedrock was not encountered or evaluated as part of this investigation.

2.4 REGULATORY STATUS

The Site is not currently enrolled in the DEEP Voluntary Remediation Program (VRP), nor is the Site subject to an Administrative Order issued by DEEP. Therefore, environmental conditions at the Site are not currently regulated by DEEP. Based on results of the Phase I ESA, the property located at 1359-1363 Main Street formerly operated as a dry cleaner and meets the definition of an *establishment* as defined under the Connecticut Property Transfer Program (PTP) within Connecticut General Statutes (CGS) 22a-134. Any future transfer of this property may be subject to the requirements of the PTP and should be reviewed with legal counsel prior to sale.

Soil and groundwater data obtained during this investigation were compared to DEEP Significant Environmental Hazard (SEH) threshold concentrations to determine potential reporting obligations pursuant to CGS 22a-6u.

2.4.1 SOIL CLASSIFICATION

Although soils at the Site are not currently regulated by, or subject to DEEP cleanup standards, soil data obtained during this investigation was compared to soil numerical criteria found in the DEEP Remediation Standard Regulations (RSRs) for screening and reference purposes related to potential future-use redevelopment scenarios at the Site. Soil data were compared to the Residential Direct Exposure Criteria (RDEC) and Industrial / Commercial Direct Exposure Criteria (I/C DEC). The RDEC and I/C DEC set cleanup criteria for residential and industrial / commercial properties based on risk of direct soil contact posed by current or future site users. Soil data was also compared to the GB Pollutant Mobility Criteria (GB PMC). The PMC sets cleanup criteria for the protection of groundwater resources from leachable soil contaminants.

2.4.2 GROUNDWATER CLASSIFICATION

Groundwater at the Site has been designated as GB. GB classified groundwater is presumed degraded and not suitable as a drinking water resource without prior treatment. DEEP RSR numerical criteria for GB classified groundwater are the Surface Water Protection Criteria (SWPC) and the Industrial / Commercial Volatilization Criteria, SEH and I/C VC). BETA did not perform a private drinking water well survey as part of this investigation. Based on the urban nature of the Site, GB groundwater designation and availability of publicly supplied drinking water in the area of the Site, it is unlikely that private drinking water wells are in use in the area of the Site.

3.0 CONCEPTUAL SITE MODEL

BETA developed an initial Conceptual Site Model (CSM) during the Phase I ESA, which was used to design the Phase II ESA. As stated in **Section 1.1**, the objective of this Phase II ESA is to determine if a release has occurred from identified RECs within the AOCs. A release to the environment can be determined to have occurred based on the occurrence of elevated (above background levels) concentrations of COCs in samples collected near an identified REC or within an AOC. The results of the Phase II ESA are used to update and refine the CSM, as necessary. The following section provides a summary of the RECs and AOCs identified during the initial Phase I ESA.

3.1 PREVIOUS INVESTIGATIONS

BETA performed a Phase I ESA for the Site in May 2020 and February 2022. The following RECs and AOCs were identified:

The property located at 1363 Main Street historically operated as a dry cleaner. Chemicals used during dry cleaning operations and their potential misuse and improper storage and management, may have resulted in soil and groundwater impacts to the site. The former dry-cleaning operation represent a REC.

Potential sources of pollution include a former gasoline filling station located at 525 Ann (Uccello) Street. The presence of off-site, potential sources of environmental impacts to the Site was previously identified as an AOC. BETA observed a 275-gallon heating oil above ground storage tank (AST) in the basement of the building at 1355 Main Street. The AST was located on an earthen floor and appeared to be in good condition. However, the former operation of this tank and storage of fuel oil, could have resulted in a release of petroleum to the subsurface and was identified as an AOC.

Documents reviewed during the Phase I ESA indicated the presence of urban fill in the vicinity of the Site, indicating its potential presence at the Site. Urban fill may contain, coal ash, wood, brick and/or petroleum, and if present, could pose a risk of environmental impacts to the Site. The potential presence of urban fill at the Site was identified as an AOC.

Based on the findings and recommendations reported in the Phase I ESA preformed in May 2020, BETA conducted a Phase II ESA subsurface investigation in October 2020, the following recommendations were made following that investigation:

1. The property at 1359-1363 Main Street was formerly used a dry cleaner, which would designate the property as an establishment under the DEEP PTP and trigger a PTP filing and associated schedule for investigation and remediation of the property upon transfer. Soil and groundwater impacts associated with dry cleaning operations were identified during the investigation indicating a release has occurred. We recommend that the City review the status of the Site as an establishment with legal counsel prior to any transfer of the property.
2. Additional investigation is recommended to further evaluate the extent of soil and groundwater impacts associated with identified AOCs at the Site. The fuel oil AST located in the basement of the building at 1355 Main Street should be further investigated.

Soil and groundwater analytical results obtained from the October 2020 Phase II investigation are included in ***Table 1*** and ***Table 2.***

The following discusses the additional investigation performed at the site to address the above recommendation

4.0 PHASE II ESA INVESTIGATION ACTIVITIES

4.1 PLANNING

The following planning-level activities were performed prior to initiating the subsurface investigation activities:

- Location of the proposed borings in the field for utility coordination and mark-out.
- Notification to Call Before You Dig (CBYD) for mark-out of utilities and potential utility conflicts within the proposed subsurface investigation area.
- Review of CBYD mark-out and proposed soil boring locations to identify any conflicts and re-locate borings, as necessary.

4.2 SUBSURFACE INVESTIGATION

4.2.1 SOIL INVESTIGATION

This subsurface investigation included the advancement of soil borings, installation of monitoring wells and collection of soil, indoor air and groundwater samples. On January 19, 2022, Martin Geo Environmental, LLC (Martin) of Ludlow, Massachusetts provided environmental drilling services using a track-mounted direct-push drill rig. Six soil borings were installed, designated SB-101, SB-102, SB-103, SB-104, SB-105 and SB-107 and ranged in total depth from 20 to 30 ft below ground surface (bgs). BETA also field-screened soil directly underneath the fuel oil AST in the basement of 1355 Main Street collected by hand. Soil boring locations are depicted on ***Figure 2***.

BETA was present during drilling to record soil conditions, field screen soil samples for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID) and collect soil samples for laboratory analysis. Due to the historic presence of chlorinated VOCs resulting from the former dry cleaner, a PID equipped with an 11.7 electron-volt (eV) lamp was used during the investigation. PID screening results recorded during the investigation ranged from 0.0 parts per million (ppm) to 117.2 ppm. The soil beneath the AST indicated no measurable PID reading, visual or olfactory evidence of a fuel release. Soil boring logs, documenting soil conditions and field screening results, are included in ***Appendix A***.

Soil samples were selected for laboratory analysis based on field screening results and location with respect to the AOC being evaluated. Soil samples selected for analysis were placed in laboratory-supplied glassware and placed on ice for delivery, under chain-of-custody protocol to Phoenix Environmental Laboratories (Phoenix) in Manchester, Connecticut. Samples were analyzed in accordance with DEEP Reasonable Confidence Protocols (RCP). The table below summarizes the soil borings advanced during the investigation and samples collected from each:

Boring ID	Depth (ft)	Sample Depth (ft)	Analysis
SB-101	20	6.2 and 16.5	VOCs
SB-102	20	8 and 16	VOCs
SB-103	20	1.5	VOCs
SB-104	25	3.5	VOCs
SB-105	25	20	VOCs
SB-107	30	3.5	VOCs

4.2.2 Groundwater Investigation

Soil borings SB-101, SB-105, SB-107 and SB-104 were completed as monitoring wells MW-101, MW-102, MW-104 and MW-SB104 respectively. Each monitoring well consisted of two-inch diameter PVC riser piping threaded to two-inch diameter 0.010 slotted well screen. Each monitoring well was installed to a depth of 25 ft bgs and was constructed using 10 ft of slotted well screen with riser to grade. The wells were completed with a flush-mounted water-tight road box at grade. Filter sand was used to backfill the boring annulus surrounding the well screen and one-foot thick bentonite seal was installed above the screen section, native soil and filter sand was used to backfill to grade. Following well construction, the wells were developed by using the overpumping method with a submersible pump. Groundwater depths recorded during the investigation can be found on the boring and well logs located in ***Appendix A***.

On January 26, 2022, BETA collected groundwater samples from monitoring wells MW-101, MW-102, MW-104 and MW-SB104 using virgin polyethylene tubing and a peristaltic pump. The monitoring wells were sampled using Environmental Protection Agency (EPA) low-flow sampling protocols. Groundwater samples were placed in laboratory-supplied glassware and transferred to Phoenix Environmental Laboratories under chain of custody protocols for analysis. Note that due to low permeability clay present in the saturated zone at the Site, groundwater recharge was relatively slow. The majority of the resulting groundwater samples exhibited elevated turbidity over 250 nephelometric turbidity units (NTU) due to the nature of the formation at the Site. Samples were analyzed in accordance with DEEP RCP. The table below summarizes the monitoring wells advanced during the investigation and samples collected from each.

Monitoring Well Designation	Depth (ft)	Screen Length (ft)	Analysis
MW-101	25	15-25	Metals, Dissolved Metals, VOCs
MW-102	25	15-25	VOCs
MW-104	25	15-25	VOCs
MW-SB104	25	15-25	VOCs

4.2.3 Groundwater Contour Map

On January 26, 2022 BETA conducted a monitoring well elevation survey of the newly installed monitoring wells in order to establish the groundwater flow direction at the Site. A calibrated optical level/transit

was used to measure the top of casing elevation for each monitoring well and identify the location of the monitoring wells. On the same day, the depth to water was measured from the top of casing using an electronic interface probe. The casing elevations were used to assist in the generation of a groundwater contour map to determine groundwater flow direction at the Site. BETA prepared a groundwater contour map using linear interpolation as depicted in ***Figure 2***. Groundwater contours were calculated using an arbitrary 100-foot datum. The groundwater flow direction was determined to be northwest at a relatively steep hydraulic gradient of 0.04.

4.2.4 INDOOR AIR INVESTIGATION

BETA conducted indoor air sampling in the building at 1355 Main Street to evaluate potential vapor intrusion. Soil gas testing was not feasible as the building has an earthen floor. BETA placed three six-liter stainless steel SUMMA canisters at the Site equipped with 24-hour composite regulators. Two canisters were placed on the earthen basement in the existing structure at 1355 main street at the southern and northern corners. One canister was placed outside of the building in the upwind direction as a control to evaluate potential ambient air contaminants at the Site. The SUMMA canisters were then placed under strict chain-of-custody protocols and transported to New England Testing Laboratory (NETLAB) located in West Warwick, Rhode Island. The sample locations are depicted on ***Figure 2***.

5.0 PHASE II ESA INVESTIGATION RESULTS AND EVALUATION

The following section summarizes the results of the soil boring program and soil, groundwater, and indoor air laboratory analysis.

5.1 SOIL OBSERVATIONS

Soil conditions encountered during the investigation consisted of fill material consisting of sand, brick, and debris, underlain by unconsolidated native soil to a depth of approximately 30 ft bgs. Fill was generally observed to approximately 5 ft bgs and underlain by fines including fine sand and silt, and clay. During drilling, the groundwater table appeared to be approximately 16.5-17 ft bgs. Elevated PID readings (above 0.0) were observed in all of the borings SB-101, SB-102, SB-103, SB-104, SB-105 and SB-107. Five soil borings SB-102, SB-103, SB-107 and SB-104 exhibited elevated PID reading exceeding 50 ppm. Soil boring SB-104 exhibited elevated PID readings greater than 100 ppm. Black-stained soil was observed in SB-102 (6.5 ft bgs) and SB-105 (6.5 ft bgs). A slight petroleum odor was observed in SB-102 (8 ft bgs) and SB-104 (8 ft bgs). There were no other olfactory or visual indications of contamination in other soil samples observed during the investigation.

5.2 SOIL ANALYTICAL RESULTS

The soil laboratory analytical results indicated the presence of tetrachloroethylene (PCE) at concentrations exceeding the GB pollutant mobility criteria (GBPMC) and the residential direct exposure criteria (RESDEC) in soil samples from SB-101(16.5), SB-102(16) and SB-107(25). The levels in SB-102 (16) were 57,000 micrograms per kilogram (μg/kg). Other analytes including trichloroethylene (TCE) and cis-1,2-dichloroethylene were present at concentrations below applicable criteria. Sec-butylbenzene was identified in sample SB-102 (8) at concentrations below applicable criteria. The concentrations do not indicate a SEH as defined in CGS 22a-6u is present as no analytes exceed the defined thresholds and furthermore the higher concentrations were present at significant depth in the subsurface suggesting human exposure is unlikely under current use. PCE is a primary component of historical dry-cleaning solvents. TCE and cis 1,2-DCE are breakdown products of PCE undergoing reductive dichlorination in the subsurface. Isomers of 1,2-DCE do not have any common industrial uses and are a good indicator of the breakdown of PCE and TCE in the subsurface. The presence of elevated concentrations of chlorinated compounds at SB-102 (16) suggest the presence of a potential source area indicating disposal of PCE at the Site. Soil analytical results are summarized in ***Table 1*** and laboratory analytical reports are included in ***Appendix B***.

5.3 GROUNDWATER ANALYTICAL RESULTS

The groundwater laboratory analytical results indicate the presence of PCE in MW-104 exceeding the industrial commercial volatilization criteria (I/C VC) and the surface water protection criteria (SWPC). TCE in MW-104 was present at a concentration that equals the I/C VC. The concentrations do not indicate a SEH as defined in CGS 22a-6u is present as the levels do not exceed 10 times the applicable volatilization criteria. PCE and TCE in other monitoring well samples were below applicable criteria and/or below laboratory detection limits. Total and dissolved RCP metals in MW-101 were detected below applicable standards and/or laboratory detection limits. Monitoring well MW-101 was installed to confirm the groundwater results from temporary well TMW-5 from 2020 which indicated the presence of metals exceeding applicable standards. The metals present in TMW-5 appear to be due to turbid samples creating a false positive for metals and do not represent subsurface conditions. The metals appear to be present due to naturally occurring elements in soil. Groundwater analytical results are summarized in ***Table 2*** and laboratory analytical reports are included in ***Appendix B***.

5.4 INDOOR AIR ANALYTICAL RESULTS

Indoor air samples indicated the presence of chloroform and methylene chloride above proposed 2003 Target Indoor Air Concentrations. The presence of these contaminants appears to be confounding contaminants as neither compound is present in significant concentrations in soil or groundwater at the Site. Methylene chloride is a common laboratory solvent, and the highest concentration was observed in the outdoor upwind control sample which suggests it is likely not Site related. Chloroform is a byproduct of chlorination of water and again the highest concentration was present in the outdoor upwind control sample which suggests this compound is not Site related. Other trace contaminants observed in indoor air include acetone and hexane which are also common laboratory solvents. These contaminants are also highest in the outdoor control sample suggesting an exterior source. Propylene is detected at trace levels and is not observed in soil or groundwater samples. Trichlorofluoromethane was detected in groundwater sample MW-101; however, it is present in indoor air at only trace levels. The building is currently unoccupied and is not being heated which means there is no "chimney effect" which is often present in heated structures creating vacuum inside the building. This vacuum can increase vapor intrusion from the subsurface. The building envelope is also very loose with windows boarded and many gaps may create high than normal ventilation. These building conditions could impact vapor intrusion. Indoor air concentrations could vary during different atmospheric and seasonal conditions as well as different building configurations. Indoor air analytical results are summarized in ***Table 3*** and laboratory analytical reports are included in ***Appendix B***.

6.0 PHASE II ESA CONCLUSIONS AND RECOMMENDATIONS

The results of the investigation indicate the following:

- The Site is underlain by approximately 5 feet of fill material, which is underlain by unconsolidated fine sediments to approximately 25 ft bgs
- PCE and TCE were observed above applicable standards in soil and groundwater at the Site. They both exceed the I/C VC which suggests there is a potential for vapor intrusion at the Site. The current monitoring well network does not currently define the horizontal and vertical extent of chlorinated solvent impacts.
- PCE, TCE and cis-1,2 DCE are present due to a release of dry-cleaning solvents due to the operation of a former dry cleaner on the property.
- A Significant Environmental Hazard is not currently present at the site with respect to direct contact with shallow soil, vapor intrusion or drinking water. Groundwater contamination was detected during the investigation. However, based on the urban nature of the Site and availability of publicly supplied water, and GB groundwater designation, it is unlikely that a drinking water well is in use within 500 feet of the Site.
- Indoor air sampling did not reveal vapor intrusion issues from PCE or its breakdown products in the existing building at 1355 Main Street. It should be noted that one round of sampling may not be adequate to rule out vapor intrusion at the Site as there can be significant variability in indoor air concentrations due to atmospheric and seasonal variations. Confounding contaminants were present in indoor air which may be artifacts from the laboratory sampling process or due to ambient air outside the building.
- Groundwater was determined to flow to the northwest (discuss this relative to previous assumptions). PCE and TCE may be migrating down-gradient and impacting properties located hydraulicly downgradient.
- The metals concentrations in the sample MW-101 were generally consistent with background levels. This data collected from a permanent, developed monitoring well indicates low dissolved concentrations of metals are present. This suggests the data collected from TMW-5 in 2020 is a false positive as the samples was taken from a temporary monitoring well and was relatively turbid.

Based on the data obtained during the Phase II ESA, the updated CSM with respect to identified AOCs is as follows:

- *AOC-1: Former dry cleaner operation at 1359-1363 Main Street:* soil and groundwater impacts associated with dry cleaning operations were identified in this AOC. The presence of PCE, TCE and cis-1,2-DCE in soil and groundwater samples indicate a release has occurred in AOC-1 as a result of former operations with exceedance of the default RSR criteria.
- *AOC-2: Potential off-site and upgradient sources of contamination:* The groundwater flow direction determined during this investigation suggests this AOC is no longer applicable as it is located to the west of the Site and would be either cross gradient or downgradient. There was no evidence of VOCs in soil or groundwater samples that suggest a gasoline release occurred which would include benzene, toluene, ethylbenzene and xylenes which represent the more mobile and abundant components of gasoline. Xylenes are the most resistant component of

these analytes to natural attenuation and would be expected in trace levels even from an older release.

- *AOC-3: 275-gallon fuel oil AST in the basement of 1355 Main Street:* Soil boring MW-105 was installed to evaluate a potential release within this AOC. No visual, olfactory, or field screening evidence of a release was observed in this boring. Furthermore, the sample collected from this boring did not contain COCs and metals concentrations were generally consistent with background levels. During the recent investigation in 2022, BETA observed the AST and soil directly underneath it. The soil was field screened with a PID and did not indicate any measurable readings. There was no visual or olfactory evidence of a fuel oil release in the soil. There was a buried feed line that ran from the AST to the boiler. Assessment of soil adjacent to the line is necessary to rule out this AOC.
- *AOC-4 Potential presence of urban fill:* Fill material was observed in soil borings at the Site. The fill material generally consisted of sand with brick fragments and some wood material. The sample collected from SB-102 at a depth of 8 ft bgs was representative of the fill material. This sample contained SVOCs indicative of urban fill material. The current investigation confirms the presence of shallow urban fill at the Site.

Based on the findings of this Phase II ESA, BETA makes the following recommendations for future activities:

The property at 1359-1363 Main Street was formerly used as a dry cleaner, which would designate the property as an establishment under the DEEP PTP and trigger a PTP filing and associated schedule for investigation and remediation of the property upon transfer. Soil and groundwater impacts associated with dry cleaning operations were identified during the investigation indicating a release has occurred. We recommend that the City review the status of the Site as an establishment with legal counsel prior to any transfer of the property.

Additional investigation is recommended to further evaluate the extent of soil and groundwater impacts associated with AOCs 1, 2 and 4 at the Site. The primary focus should be on further defining the vertical extent of PCE and its breakdown products in soil and groundwater to confirm off-site receptors have not been impacted. Although the site is located in a GB area, a potable well search is recommended to confirm no private potable wells are nearby. Future construction of buildings or re-use of the building on Site should include measures to mitigate potential vapor intrusion.

The AST in the basement of the building at 1355 Main Street should be evacuated of remaining fuel to prevent a future release.

TABLES

Table 1
Soil Analytical Data
Phase II Environmental Site Assessment

1355 Main Street
Hartford, Connecticut

Sample ID	CTDEEP RSRs				SB-1 (10-12`)	SB-2 (10-12`)	SB-3 (5-7`)	SB-4 (10-12`)	SB-5 (15-17`)	SB-6 (10-12`)
Sample Date					8/12/2020	8/12/2020	8/12/2020	8/12/2020	8/12/2020	8/12/2020
Sample Depth	RDEC	I/C DEC	SEH	GB PMC	10-12'	10-12'	5-7'	10-12'	15-17'	10-12'
Miscellaneous/Inorganics					**Miscellaneous/Inorganics**					
Percent Solid					72	87	88	79	73	73
Total Metals (mg/kg)										
Antimony	27	8,200	246,000	NA	< 4.7	< 3.5	< 3.7	< 3.7	< 4.1	< 4.3
Arsenic	10	10	300	NA	**5.53**	**2.40**	**3.95**	**3.90**	**5.17**	**5.71**
Barium	4,700	140,000	4,200,000	NA	**299**	**89.1**	**79.0**	**83.4**	**333**	**364**
Beryllium	2	2	60	NA	**1.25**	**0.58**	< 0.30	**0.36**	**1.42**	**1.38**
Cadmium	34	1,000	30,000	NA	**2.67**	**1.12**	**1.02**	**0.98**	**2.73**	**2.89**
Chromium	NE	ND	#VALUE!	NA	**58.4**	**21.2**	**29.4**	**17.7**	**61.9**	**59.2**
Copper	2,500	76,000	2,280,000	NA	**50.7**	**17.9**	**22.1**	**24.8**	**50.3**	**54.5**
Lead	400	1,000	30,000	NA	**19.5**	**7.68**	**86.7**	**74.1**	**18.6**	**18.1**
Mercury	20	610	18,300	NA	< 0.03	< 0.03	**0.07**	**0.10**	< 0.04	< 0.03
Nickel	1,400	7,500	225,000	NA	**49.5**	**16.4**	**15.3**	**16.2**	**53.0**	**59.1**
Selenium	340	10,000	300,000	NA	< 1.9	< 1.4	< 1.5	< 1.5	< 1.7	< 1.7
Silver	340	10,000	300,000	NA	< 0.47	< 0.35	< 0.37	< 0.37	< 0.41	< 0.43
Thallium	5.4	160	4,800	NA	< 4.2	< 3.2	< 3.4	< 3.4	< 3.7	< 3.9
Vanadium	470	14,000	420,000	NA	**79.8**	**37.2**	**23.2**	**27.9**	**88.3**	**87.7**
Zinc	20,000	610,000	18,300,000	NA	**115**	**40.7**	**99.7**	**66.5**	**119**	**125**

Table 1
Soil Analytical Data
Phase II Environmental Site Assessment

1355 Main Street
Hartford, Connecticut

Sample ID	CTDEEP RSRs				SB-101 (6.2)	SB-101 (16.5)	SB-102 (8)	SB-102 (16)	SB-103 (1.5)	SB-107 (25)	SB-105 (20)	SB-104 (3.5)
Sample Date					1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022
Sample Depth	RDEC	I/C DEC	SEH	GB PMC	6.2'	16.5'	8'	16'	1.5'	25'	20'	3.5'
Miscellaneous/Inorganics					**Miscellaneous/Inorganics**							
Percent Solid												
Total Metals (mg/kg)												
Antimony	27	8,200	246,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	10	10	300	NA	NS	NS	NS	NS	NS	NS	NS	NS
Barium	4,700	140,000	4,200,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	2	2	60	NA	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	34	1,000	30,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	NE	ND	#VALUE!	NA	NS	NS	NS	NS	NS	NS	NS	NS
Copper	2,500	76,000	2,280,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Lead	400	1,000	30,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	20	610	18,300	NA	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	1,400	7,500	225,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	340	10,000	300,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Silver	340	10,000	300,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	5.4	160	4,800	NA	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	470	14,000	420,000	NA	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	20,000	610,000	18,300,000	NA	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Soil Analytical Data
Phase II Environmental Site Assessment

1355 Main Street
Hartford, Connecticut

Sample ID	CTDEEP RSRs				SB-1 (10-12`)	SB-2 (10-12`)	SB-3 (5-7`)	SB-4 (10-12`)	SB-5 (15-17`)	SB-6 (10-12`)
Sample Date					8/12/2020	8/12/2020	8/12/2020	8/12/2020	8/12/2020	8/12/2020
Sample Depth	RDEC	I/C DEC	SEH	GB PMC	10-12'	10-12'	5-7'	10-12'	15-17'	10-12'
Leachable Metals by SPLP (mg/L)										
Barium	NA	NA	NA	10.0	NS	NS	NS	NS	NS	**0.114**
Beryllium	NA	NA	NA	0.04	NS	NS	NS	NS	< 0.001	NS
Cadmium	NA	NA	NA	0.05	NS	NS	NS	NS	NS	< 0.005
Chromium	NA	NA	NA	0.5	NS	NS	NS	NS	**0.019**	NS
Lead	NA	NA	NA	0.15	NS	NS	< 0.010	NS	NS	NS
Nickel	NA	NA	NA	1.0	NS	NS	NS	NS	NS	**0.012**
Vanadium	NA	NA	NA	0.50	NS	NS	NS	NS	**0.032**	NS
CT ETPH (mg/kg)										
ETPH (C_9-C_{36})	500	2,500	75,000	2,500	< 67	**200**	< 56	< 63	**83**	< 66
Volatile Organic Compounds (VOCs) (µg/kg)										
cis-1,2-Dichloroethene	500,000	1,000,000	30,000,000	14,000	< 11	< 440	< 8.2	< 7.2	< 12	< 11
sec-Butylbenzene	*500,000*	*1,000,000*	30,000,000	*70,000*	< 11	< 440	< 8.2	< 7.2	**29**	< 11
Tetrachloroethene	12,000	110,000	3,300,000	1,000	< 11	< 440	< 8.2	< 7.2	**13**	< 11
Trichloroethene	56,000	520,000	15,600,000	1,000	< 11	< 440	< 8.2	< 7.2	< 12	< 11
Semi Volatile Organic Compounds (SVOCs) (µg/kg)										
Benz(a)anthracene	1,000	7,800	234,000	1,000	< 310	< 260	**440**	< 290	< 320	< 320
Benzo(a)pyrene	1,000	1,000	30,000	1,000	< 310	< 260	**590**	< 290	< 320	< 320
Benzo(b)fluoranthene	1,000	7,800	234,000	1,000	< 310	< 260	**360**	< 290	< 320	< 320
Benzo(ghi)perylene	*8,400*	*78,000*	2,340,000	*1,000*	< 310	< 260	**400**	< 290	< 320	< 320
Benzo(k)fluoranthene	8,400	78,000	2,340,000	1,000	< 310	< 260	**380**	< 290	< 320	< 320
Semi Volatile Organic Compounds (SVOCs) (µg/kg)										
Chrysene	*84,000*	*780,000*	23,400,000	*1,000*	< 310	< 260	**460**	< 290	< 320	< 320
Fluoranthene	1,000,000	2,500,000	75,000,000	56,000	< 310	< 260	**370**	< 290	< 320	< 320
Indeno(1,2,3-cd)pyrene	*1,000*	*7,800*	234,000	*1,000*	< 310	< 260	**370**	< 290	< 320	< 320
Pyrene	1,000,000	2,500,000	75,000,000	40,000	< 310	< 260	**590**	< 290	< 320	< 320

Table 1
Soil Analytical Data
Phase II Environmental Site Assessment

1355 Main Street
Hartford, Connecticut

Sample ID	CTDEEP RSRs				SB-101 (6.2)	SB-101 (16.5)	SB-102 (8)	SB-102 (16)	SB-103 (1.5)	SB-107 (25)	SB-105 (20)	SB-104 (3.5)
Sample Date					1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022	1/19/2022
Sample Depth	RDEC	I/C DEC	SEH	GB PMC	6.2'	16.5'	8'	16'	1.5'	25'	20'	3.5'
Leachable Metals by SPLP (mg/L)												
Barium	NA	NA	NA	10.0	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	NA	NA	NA	0.04	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	NA	NA	NA	0.05	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	NA	NA	NA	0.5	NS	NS	NS	NS	NS	NS	NS	NS
Lead	NA	NA	NA	0.15	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	NA	NA	NA	1.0	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	NA	NA	NA	0.50	NS	NS	NS	NS	NS	NS	NS	NS
CT ETPH (mg/kg)												
ETPH (C_9-C_{36})	500	2,500	75,000	2,500	NS	NS	NS	NS	NS	NS	NS	NS
Volatile Organic Compounds (VOCs) (µg/kg)												
cis-1,2-Dichloroethene	500,000	1,000,000	30,000,000	14,000	< 6.4	< 7.5	< 360	< 410	< 4.5	**7.4**	< 5.8	< 5.1
sec-Butylbenzene	*500,000*	*1,000,000*	30,000,000	*70,000*	< 6.4	< 7.5	**220**	< 410	< 4.5	< 6.5	< 5.8	< 5.1
Tetrachloroethene	12,000	110,000	3,300,000	1,000	< 6.4	**2,500**	< 140	**57,000**	**6.5**	**2,900**	< 5.8	< 5.1
Trichloroethene	56,000	520,000	15,600,000	1,000	< 6.4	**27**	< 140	**270**	< 4.5	**16**	< 5.8	< 5.1
Semi Volatile Organic Compounds (SVOCs) (µg/kg)												
Benz(a)anthracene	1,000	7,800	234,000	1,000	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1,000	1,000	30,000	1,000	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1,000	7,800	234,000	1,000	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(ghi)perylene	*8,400*	*78,000*	2,340,000	*1,000*	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	8,400	78,000	2,340,000	1,000	NS	NS	NS	NS	NS	NS	NS	NS
Semi Volatile Organic Compounds (SVOCs) (µg/kg)												
Chrysene	*84,000*	*780,000*	23,400,000	*1,000*	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	1,000,000	2,500,000	75,000,000	56,000	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	*1,000*	*7,800*	234,000	*1,000*	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	1,000,000	2,500,000	75,000,000	40,000	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Soil Analytical Data
Phase II Environmental Site Assessment

1355 Main Street
Hartford, Connecticut

Notes:
Summary table only; only detected analytes presented
< 440 = Analytes not detected at the specified detection limit
Detected analytes shown in **BOLD**
RDEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GBPMC = GB Pollutant Mobility Criteria
SEH = Significant Environmental Hazard (30x I/C DEC)
CTDEEP = Connecticut Department of Energy and Environmental Protection
RSRs = Remediation Standard Regulations
RDEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = GB Pollutant Mobility Criteria
mg/kg = milligrams per kilogram
µg/kg - micrograms per kilogram
mg/L = milligrams per liter
SPLP = Synthetic Precipitation Leaching Procedure
NE = Not Established
NA = Not applicable
NS = Not sampled / tested for
Italicized criteria from CTDEEP list of Additional Polluting Substances
Detection Above CTDEEP RSR Criteria

Sampling Location	CTDEEP RSRs (mg/L)			TMW-2	TMW-5	MW-101	MW-102	MW-104	MW-SB104
Sampling Date	I/C VC	SEH	SWPC	8/12/2020	8/12/2020	1/26/2022	1/26/2022	1/26/2022	1/26/2022
Total Metals (mg/L)									
Arsenic	NE	NE	0.004	NS	**0.709**	< 0.004	NS	NS	NS
Barium	NE	NE	*2.200*	NS	**35.2**	**0.424**	NS	NS	NS
Beryllium	NE	NE	0.004	NS	**0.160**	< 0.001	NS	NS	NS
Cadmium	NE	NE	0.006	NS	**0.189**	< 0.001	NS	NS	NS
Chromium	NE	NE	NE	NS	**6.77**	**0.026**	NS	NS	NS
Copper	NE	NE	0.048	NS	**6.87**	**0.026**	NS	NS	NS
Lead	NE	NE	0.013	NS	**13.6**	**0.014**	NS	NS	NS
Nickel	NE	NE	0.880	NS	**4.90**	**0.018**	NS	NS	NS
Vanadium	NE	NE	*0.270*	NS	**7.87**	**0.028**	NS	NS	NS
Zinc	NE	NE	0.123	NS	**24.6**	**0.051**	NS	NS	NS
Metals, Dissolved (mg/L)									
Arsenic (Dissolved)	NE	NE	0.004	NS	NS	**0.004**	NS	NS	NS
Barium (Dissolved)	NE	NE	*2.200*	NS	NS	**0.250**	NS	NS	NS
Copper (Dissolved)	NE	NE	0.048	NS	NS	**0.007**	NS	NS	NS
Nickel (Dissolved)	NE	NE	0.880	NS	NS	**0.002**	NS	NS	NS
CT ETPH (mg/L)									
ETPH (C_9-C_{36})	NE	NE	*0.25*	< 0.14	**0.087**	NS	NS	NS	NS
Volatile Organic Compounds (VOCs) (mg/L)									
Chloroform	0.062	0.62	14.100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.010	**0.0017**
Tetrachloroethene	0.810	8.1	0.088	< 0.001	**0.15**	**0.015**	**0.0011**	**1.9**	< 0.001
Trichloroethene	0.067	0.67	2.340	< 0.001	**0.0049**	< 0.001	< 0.001	**0.067**	< 0.001
Trichlorofluoromethane	*4.300*	*43*	*10.000*	< 0.001	< 0.001	**0.0034**	< 0.001	< 0.020	< 0.001

Notes:
Summary table only; only detected analytes presented
< 1.0 = Analytes not detected at the specified detection limit
Detected analytes shown in **BOLD**
Detection Above CTDEEP RSR Criteria
CTDEEP = Connecticut Department of Energy and Environmental Protection
RSRs = Remediation Standard Regulations
RVC = Residential Volatilization Criteria
I/C VC = Industrial/Commercial Volatilization Criteria
SWPC = Surface Water Protection Criteria
SEH = DEEP Significant Environmental Hazard Threshhold (10x I/C VC)
mg/L = milligrams per liter
NE = Not Established
NS = Not sampled / tested for
Italicized criteria from CTDEEP list of Additional Polluting Substances

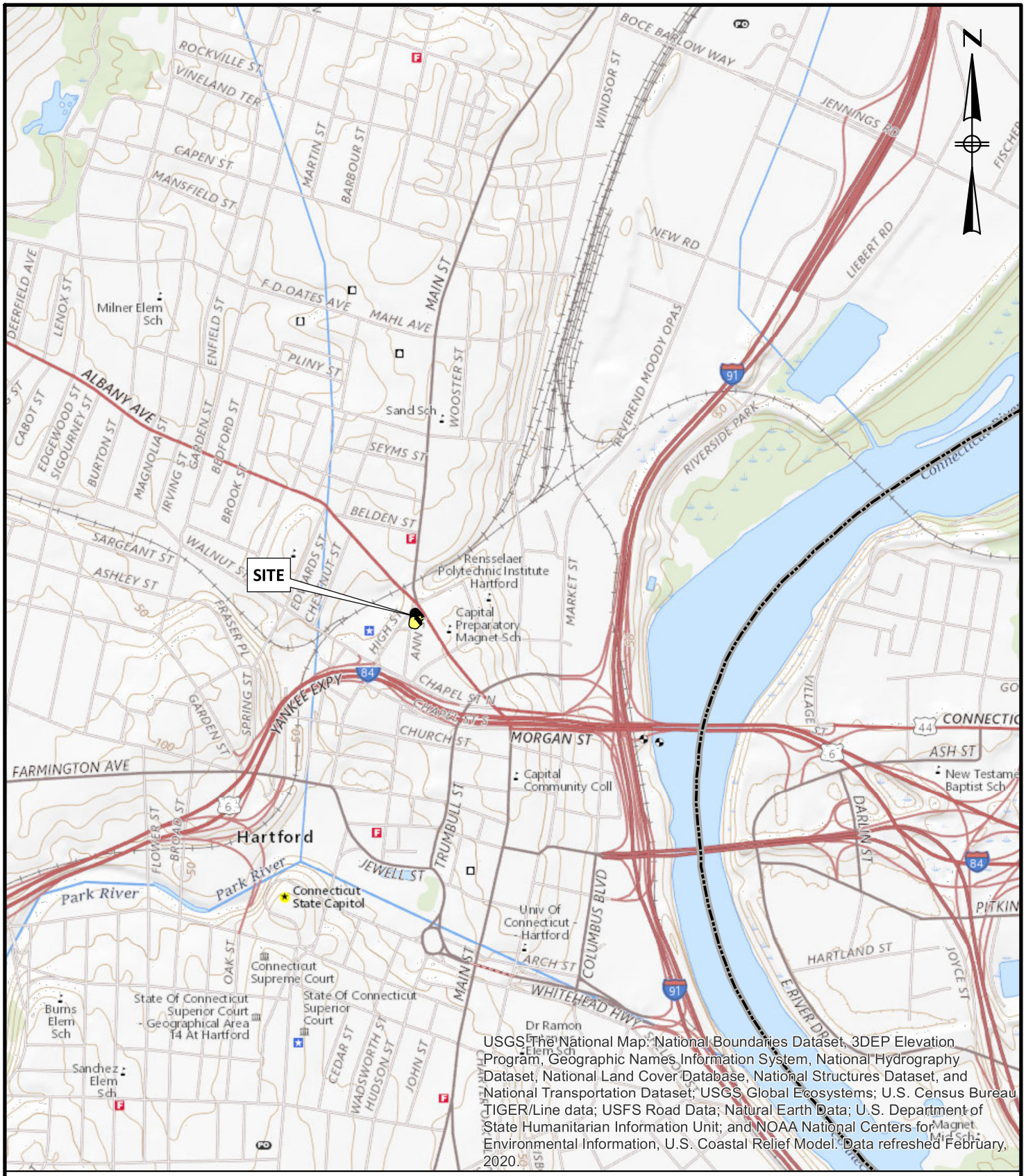
Table 3
Indoor Air Analytical Data
Phase II Environmental Site Assessment

1355 Main Street
Hartford, Connecticut

Sample Name	**AS-1**	**AS-2**	**AS-3**	Proposed Target Indoor Air Concentrations I/C (µg/m^3)
Sample Location	Indoor SW Corner	Indoor SE Corner	Outdoor	
Sampling Date	1/26/2022 9:00	1/26/2022 9:00	1/26/2022 9:00	
EPA TO-15 (µg/m^3)				
Acetone	**4.3**	**12**	**19**	500
Chloroform	**1.8**	**7.9**	**13**	0.5
Ethanol	**7.6**	**13**	**19**	-
Hexane	**5.2**	**60**	**94**	-
Methylene chloride	ND<17	**58**	**97**	17
Propylene	**2.1**	**1.90**	**2.0**	-
Trichlorofluoromethane	**3.9**	**3.9**	ND<2.8	500

Notes:
- = No applicable data
µg/m^3 = micrograms per cubic meter
ND = Compound not detected at the specified reporting limit
Detected analytes shown in **BOLD**
Detection above: Proposed Target Indoor Air Concentrations Industrial/Commercial
Proposed target indoor air criteria from Connecticut Remediation Standard Regulations volatilization Criteria (March 2003)

FIGURES



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed February, 2020.

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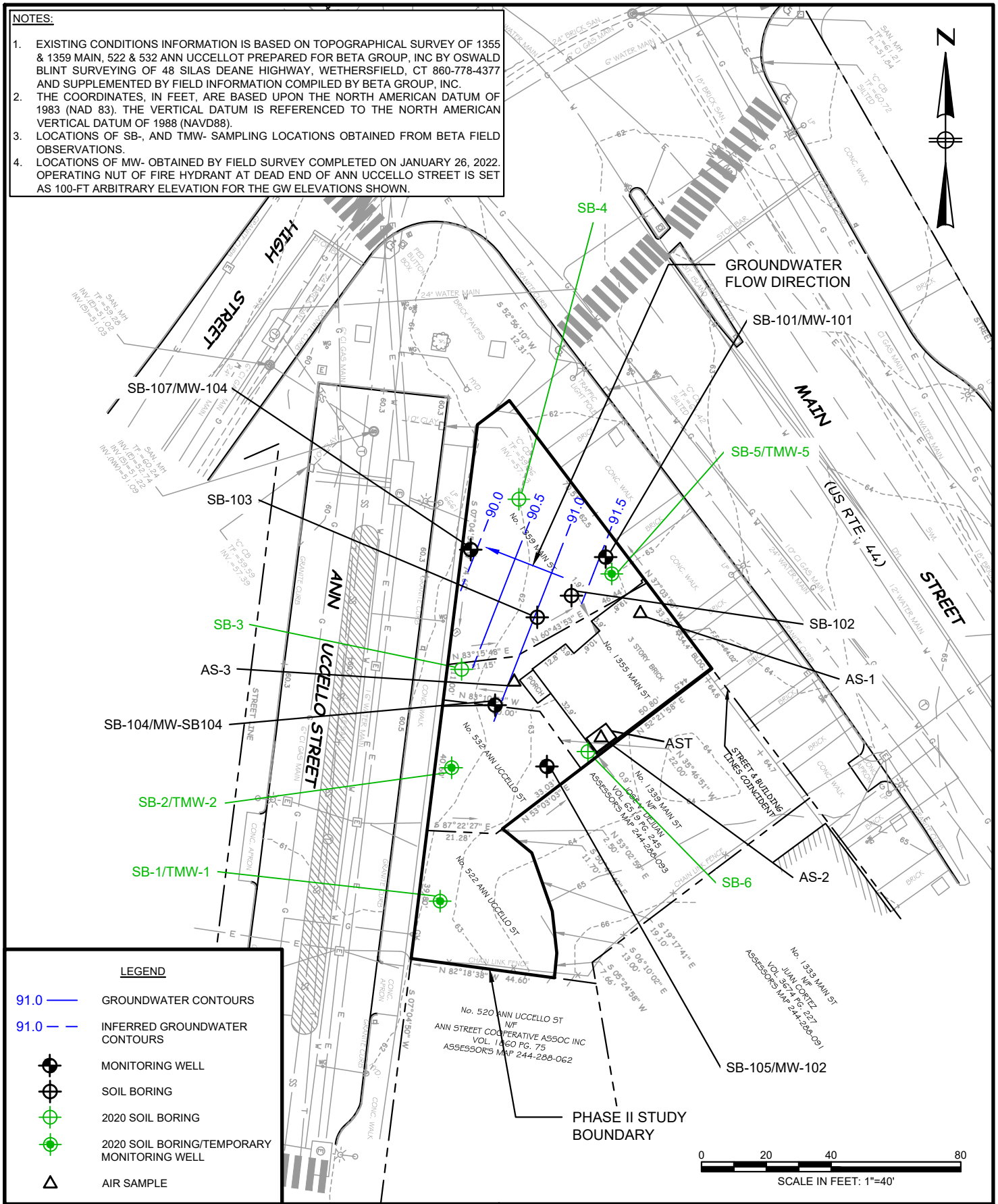
1355 Main Street
Hartford, CT

Figure 1: USGS Locus Map



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1355 Main Street
Hartford, CT
Figure 2: Site Plan Map

APPENDIX A

TEST BORING LOG

BORING ID: SB-101/MW-101

IMPROVING COMMUNITIES TOGETHER

PROJECT:	1355 Main Street Phase II ESA	**BETA JOB NUMBER:**	20.06989.103
		FIELD REP:	C. Florian
LOCATION:	1355 Main Street Hartford, Connecticut	**CLIENT:**	City of Hartford
CONTRACTOR:	BETA	**DRILLER:**	Martin GeoEnvironmental

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER		
TYPE	MacroCore	Steel	Direct-push	DATE	01/19/22	
SIZE (ID)	2.25	2.25	2.25	TIME		
HAMMER WEIGHT	NA	NA	NA	DEPTH	16.50	
HAMMER FALL	NA	NA	NA	SURFACE ELEV:	98.46	

SAMPLING INTERVALS							
DEPTH (feet)	Sample **ID #**	**REC/PEN** feet	**Blows / 6"** `--/--/--/--	**PID** (ppmv)	**Strata Change**	**DESCRIPTION OF MATERIALS** (Burmister Soil Classification System)	**Monitoring Well Construction Details / Materials**
		3.2/5.0		0.0		0-1.1': Dark brown CLAY, some F-Sand & Silt, no staining, no odor, moist, medium dense	
				0.0			
				0.0	Fill	1.1-1.7':Light Brown F-SAND, no staining, no odor, moist, medium dense	
				0.0		1.7-3.2': Medium Red CLAY, no staining, no odor, moist, medium dense	
5'				-			
		2.6/5.0		0.0		5.0-6.0': Medium Red CLAY, no staining, no odor, moist, medium dense	
				6.2		6.0-7.6': Medium Red CLAY & BRICK, no staining, no odor, moist, medium dense	
				-			
				-			
10'				-			
		5.0/5.0		0.0		10-15.0': Red Brown CLAY, trace Silt, no staining no odor, moist, medium dense	
				0.0			
				0			
				0.0			
15'				0.0			
		5.0/5.0		0.0	Clay	15.0-20.0': Red Brown CLAY, trace Silt, no staining no odor, moist, medium dense	
				12.8			
				0.0			
				0.0			
20'				0.0			
		0/5.0		-		20.0-25.0': NO RECOVERY	
				-			
				-			
				-			
25'				-			
						Bottom of Boring	
						Sample collected from 6.2ft and 16.5ft for VOCs	

DRILLING RIG TYPE: GeoProbe

SURFACE ELEVATION:
START DATE: 01/19/22
END DATE: 01/19/22

MONITORING WELL INSTALLED: MW-101
RISER FROM: 0 TO: 15 SCREEN FROM: 15 TO: 25
Filter Sand: #1 Sand Pack Intervals 13 TO: 25
Bentonite Seal Interval 12 TO: 13
Native Backfill 0 TO: 12

PROPORTIONS USED		RELATIVE DENSITY		CONSISTENCY		SOIL CLASSIFICATION (inches)				SUMMARY	
trace	0-10%	0-4	Very Loose	0-2	Very Soft	Boulders	>11.8	Fine Sand	.02-.003	Overburden (feet):	5
little	10-20%	4-10	Loose	2-4	Soft	Cobbles	11.8-2.9	Fine Silt	<.003	Rock Cored (feet):	NA
some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Coarse Gravel	2.9-.75	Clay	<.003	# of samples:	1
and	35-50%	30-50	Dense	8-15	Stiff	Fine Gravel	.75-.19			Well set (feet):	NA
		50+	Very Dense	15-30	Very Stiff	Course Sand	.19-.08				
				30+	Hard	Medium Sand	.08-.02				

TEST BORING LOG

BORING ID: SB-102

PROJECT:	1355 Main Street Phase II ESA	**BETA JOB NUMBER:**	20.06989.103
		FIELD REP:	C. Florian
LOCATION:	1355 Main Street Hartford, Connecticut	**CLIENT:**	City of Hartford
CONTRACTOR:	BETA	**DRILLER:**	Martin GeoEnvironmental

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER		
TYPE	MacroCore	Steel	Direct-push	DATE	01/19/22	
SIZE (ID)	2.25	2.25	2.25	TIME		
HAMMER WEIGHT	NA	NA	NA	DEPTH	17.00	
HAMMER FALL	NA	NA	NA	SURFACE ELEV:	NM	

SAMPLING INTERVALS					Strata Change	DESCRIPTION OF MATERIALS (Burmister Soil Classification System)	Monitoring Well Construction Details / Materials
DEPTH (feet)	Sample ID #	REC/PEN feet	Blows / 6" `--/--/--/--	PID (ppmv)			
		2.5/5.0		0.6	Fill	0-1.0': Dark brown F-SAND & SILT, some clay, no staining, no odor, moist, medium dense 1.0-2.5': Medium Red CLAY, trace F-Sand, no staining, no odor, moist, medium dense	
				0.0			
				0.0			
				-			
5'				-			
		3.1/5.0		0.0		5.0-6.4': Dark Red BRICK & CLAY, no staining, no odor, moist, medium dense	
				0.0		6.4-8.1': Medium Gray Brown CLAY, trace F-Sand, slight stain, slight odor, moist, medium dense	
				64.5			
				-			
10'				-			
		5.0/5.0		2.4		10-15.0': Medium Brown Red CLAY, trace Silt, no staining no odor, moist, medium dense	
				0.0			
				6.4			
				-			
15'				-			
		5.0/5.0		7.2	Clay	15.0-20.0': Medium Brown Red CLAY, trace Silt, no staining no odor, moist, medium dense	
				28.8			
				5.3			
				10.3			
20'				-			
						Bottom of Boring Sample collected from 8.0ft and 16.0ft for VOCs	
25'							
30'							

DRILLING RIG TYPE: GeoProbe

SURFACE ELEVATION:
START DATE: 01/19/22
END DATE: 01/19/22

MONITORING WELL INSTALLED: NA
RISER FROM: NA SCREEN FROM: NA
Filter Sand: #1 Sand Pack Intervals NA NA
Bentonite Seal Interval NA
Native Backfill

PROPORTIONS USED		RELATIVE DENSITY		CONSISTENCY		SOIL CLASSIFICATION (inches)				SUMMARY	
trace	0-10%	0-4	Very Loose	0-2	Very Soft	Boulders	>11.8	Fine Sand	.02-.003	Overburden (feet):	5
little	10-20%	4-10	Loose	2-4	Soft	Cobbles	11.8-2.9	Fine Silt	<.003	Rock Cored (feet):	NA
some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Coarse Gravel	2.9-.75	Clay	<.003	# of samples:	1
and	35-50%	30-50	Dense	8-15	Stiff	Fine Gravel	.75-.19			Well set (feet):	NA
		50+	Very Dense	15-30	Very Stiff	Course Sand	.19-.08				
				30+	Hard	Medium Sand	.08-.02				

TEST BORING LOG

BORING ID: SB-103

PROJECT:	1355 Main Street Phase II ESA	**BETA JOB NUMBER:**	20.06989.103
		FIELD REP:	C. Florian
LOCATION:	1355 Main Street Hartford, Connecticut	**CLIENT:**	City of Hartford
CONTRACTOR:	BETA	**DRILLER:**	Martin GeoEnvironmental

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER		
TYPE	MacroCore	Steel	Direct-push	DATE	01/19/22	
SIZE (ID)	2.25	2.25	2.25	TIME		
HAMMER WEIGHT	NA	NA	NA	DEPTH	17.00	
HAMMER FALL	NA	NA	NA	SURFACE ELEV:	NM	

SAMPLING INTERVALS					Strata Change	DESCRIPTION OF MATERIALS (Burmister Soil Classification System)	Monitoring Well Construction Details / Materials
DEPTH (feet)	Sample ID #	REC/PEN feet	Blows / 6" `--/--/--/--	PID (ppmv)			
		2.7/5.0		9.6	Fill	0-1.5': Dark brown F-SAND & SILT, some clay, no staining, no odor, moist, medium dense 1.5-2.7': Medium Red CLAY, some C-Gravel, no staining, no odor, moist, medium dense	
				88.1			
				56.9			
				-			
5'				-			
		3.6/5.0		40.1		5.0-6.1': Dark Red BRICK, some F-Sand, no staining, no odor, moist, medium dense 6.1-8.6': Medium Red Gray CLAY, some F-Sand & Silt, no stain, no odor, moist,	
				43.2			
				27.7			
				64.5			
10'				-			
		5.0/5.0		31.2		10-15.0': Medium Gray CLAY, trace Silt, no staining no odor, moist, medium dense	
				19.2			
				20.4			
				22.3			
15'				293.0			
		5.0/5.0		18.4	Clay	15.0-17.0': Medium Brown F-C SAND & CLAY, trace Silt, no staining no odor, moist, medium dense 17.0-20.0': Medium Red Gray CLAY, no stain, no odor, moist, medium dense	
				15.2			
				8.5			
				8.2			
20'				12.5			
						Bottom of Boring Sample collected from 1.5ft and submitted for VOCs	
25'							
30'							

DRILLING RIG TYPE: GeoProbe

SURFACE ELEVATION:
START DATE: 01/19/22
END DATE: 01/19/22

MONITORING WELL INSTALLED: NA
RISER FROM: NA SCREEN FROM: NA
Filter Sand: #1 Sand Pack Intervals NA NA
Bentonite Seal Interval NA
Native Backfill

PROPORTIONS USED		RELATIVE DENSITY		CONSISTENCY		SOIL CLASSIFICATION (inches)				SUMMARY	
trace	0-10%	0-4	Very Loose	0-2	Very Soft	Boulders	>11.8	Fine Sand	.02-.003	Overburden (feet):	5
little	10-20%	4-10	Loose	2-4	Soft	Cobbles	11.8-2.9	Fine Silt	<.003	Rock Cored (feet):	NA
some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Coarse Gravel	2.9-.75	Clay	<.003	# of samples:	1
and	35-50%	30-50	Dense	8-15	Stiff	Fine Gravel	.75-.19			Well set (feet):	NA
		50+	Very Dense	15-30	Very Stiff	Course Sand	.19-.08				
				30+	Hard	Medium Sand	.08-.02				

TEST BORING LOG

BORING ID: SB-104/MW-SB104

IMPROVING COMMUNITIES TOGETHER

PROJECT:	1355 Main Street Phase II ESA	**BETA JOB NUMBER:**	20.06989.103
		FIELD REP:	C. Florian
LOCATION:	1355 Main Street Hartford, Connecticut	**CLIENT:**	City of Hartford
CONTRACTOR:	BETA	**DRILLER:**	Martin GeoEnvironmental

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER		
TYPE	MacroCore	Steel	Direct-push	DATE	01/19/22	
SIZE (ID)	2.25	2.25	2.25	TIME		
HAMMER WEIGHT	NA	NA	NA	DEPTH	17.00	
HAMMER FALL	NA	NA	NA	SURFACE ELEV:	97.95	

SAMPLING INTERVALS					Strata Change	DESCRIPTION OF MATERIALS (Burmister Soil Classification System)	Monitoring Well Construction Details / Materials
DEPTH (feet)	Sample ID #	REC/PEN feet	Blows / 6" `--/--/--/--	PID (ppmv)			
		4.3/5.0		1.2	Fill	0-1.0': Dark brown CLAY & F- SAND, some Silt, no staining, no odor, moist, medium dense 1.0-4.3': Light Brown F-SAND & SILT, some Clay, no staining, no odor, moist, medium dense	
				9.8			
				83.0			
				117.2			
5'				-			
		4.6/5.0		29.8		5.0-6.4': Light Brown F-SAND & SILT, some Clay, no staining, no odor, moist, medium dense	
				69.4			
				93.6		6.4-8.3': Medium Gray CLAY, some Silt, black staining, no odor, moist, medium	
				62.2		8.3-9.6': Light Brown F-SAND & SILT, some Clay, black staining, no odor, moist, medium dense	
10'				-			
		5.0/5.0		56.2		10-15.0': Light Red CLAY, some Silt, no staining no odor, moist, medium dense	
				74.1			
				76.7			
				84.7			
15'				53.9			
		5.0/5.0		16.9	Clay	15.0-20.0': Light Red CLAY, some Silt, no staining no odor, moist, medium dense	
				7.7			
				8.7			
				8.5			
20'				3.4			
		0/5.0		-		20.0-25.0': NO RECOVERY	
				-			
				-			
				-			
25'				-			
						Bottom of Boring Sample collected from 3.5ft and submitted for VOCs	
30'							

DRILLING RIG TYPE: GeoProbe

SURFACE ELEVATION:
START DATE: 01/19/22
END DATE: 01/19/22

MONITORING WELL INSTALLED: MW-SB104
RISER FROM: 0 TO: 15 SCREEN FROM: 15 TO: 25
Filter Sand: #1 Sand Pack Intervals 13 TO: 25
Bentonite Seal Interval 12 TO: 13
Native Backfill 0 TO: 12

PROPORTIONS USED		RELATIVE DENSITY		CONSISTENCY		SOIL CLASSIFICATION (inches)				SUMMARY	
trace	0-10%	0-4	Very Loose	0-2	Very Soft	Boulders	>11.8	Fine Sand	.02-.003	Overburden (feet):	5
little	10-20%	4-10	Loose	2-4	Soft	Cobbles	11.8-2.9	Fine Silt	<.003	Rock Cored (feet):	NA
some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Coarse Gravel	2.9-.75	Clay	<.003	# of samples:	1
and	35-50%	30-50	Dense	8-15	Stiff	Fine Gravel	.75-.19			Well set (feet):	NA
		50+	Very Dense	15-30	Very Stiff	Course Sand	.19-.08				
				30+	Hard	Medium Sand	.08-.02				

TEST BORING LOG

BORING ID: SB-107/MW-104

PROJECT:	1355 Main Street Phase II ESA	**BETA JOB NUMBER:**	20.06989.103
		FIELD REP:	C. Florian
LOCATION:	1355 Main Street Hartford, Connecticut	**CLIENT:**	City of Hartford
CONTRACTOR:	BETA	**DRILLER:**	Martin GeoEnvironmental

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER		
TYPE	MacroCore	Steel	Direct-push	DATE	01/19/22	
SIZE (ID)	2.25	2.25	2.25	TIME		
HAMMER WEIGHT	NA	NA	NA	DEPTH	17.00	
HAMMER FALL	NA	NA	NA	SURFACE ELEV:	96.97	

SAMPLING INTERVALS					Strata Change	DESCRIPTION OF MATERIALS (Burmister Soil Classification System)	Monitoring Well Construction Details / Materials
DEPTH (feet)	Sample ID #	REC/PEN feet	Blows / 6" `--/--/--/--	PID (ppmv)			
		2.0/5.0		1.8	Fill	0-1.0': Dark brown F-SAND & CLAY & SILT, some clay, no staining, no odor, moist, medium dense	
				12.8			
				-		1.0-2.0': Medium Red F-SAND & SILT, little Clay, no staining, no odor, moist, medium dense	
				-			
5'				-			
		3.7/5.0		1.6		5.0-5.5': Dark Red BRICK, no staining, no odor, moist, medium dense	
				16.6	Clay		
				8.7		0.5-8.7': Dark Brown CLAY, trace Silt, no stain, no odor, moist, medium dense	
				12.5			
10'				-			
		5.0/5.0		11.6		10-15.0': Red Brown CLAY, trace Silt, no staining no odor, moist, medium dense	
				7.8			
				8.7			
				4.2			
15'				24.5			
		0/5.0		-		15.0-20.0': NO RECOVERY	
				-			
				-			
				-			
20'				-			
		5.0/5.0		7.1		20.0-25.0': Red Brown CLAY, trace Silt, no staining no odor, moist, medium dense	
				17.3	Clay		
				14.8			
				15.1			
25'				29.2			
		0/5.0		-		25.0-30.0': NO RECOVERY	
				-			
				-			
				-			
				-			
				-		Bottom of Boring	
30'				-		Sample collected from 3.5ft and submitted for VOCs	

DRILLING RIG TYPE: GeoProbe

SURFACE ELEVATION:
START DATE: 01/19/22
END DATE: 01/19/22

MONITORING WELL INSTALLED: MW-104
RISER FROM: 0 TO: 15 SCREEN FROM: 15 TO: 25
Filter Sand: #1 Sand Pack Intervals 13 TO: 25
Bentonite Seal Interval 12 TO: 13
Native Backfill 0 TO: 12

PROPORTIONS USED		RELATIVE DENSITY		CONSISTENCY		SOIL CLASSIFICATION (inches)				SUMMARY	
trace	0-10%	0-4	Very Loose	0-2	Very Soft	Boulders	>11.8	Fine Sand	.02-.003	Overburden (feet):	5
little	10-20%	4-10	Loose	2-4	Soft	Cobbles	11.8-2.9	Fine Silt	<.003	Rock Cored (feet):	NA
some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Coarse Gravel	2.9-.75	Clay	<.003	# of samples:	1
and	35-50%	30-50	Dense	8-15	Stiff	Fine Gravel	.75-.19			Well set (feet):	NA
		50+	Very Dense	15-30	Very Stiff	Course Sand	.19-.08				
				30+	Hard	Medium Sand	.08-.02				

TEST BORING LOG

BORING ID: SB-105/MW-102

IMPROVING COMMUNITIES TOGETHER

PROJECT:	1355 Main Street Phase II ESA	**BETA JOB NUMBER:**	20.06989.103
		FIELD REP:	C. Florian
LOCATION:	1355 Main Street Hartford, Connecticut	**CLIENT:**	City of Hartford
CONTRACTOR:	BETA	**DRILLER:**	Martin GeoEnvironmental

	SAMPLER	CASING	CORE BARREL	DEPTH TO GROUNDWATER		
TYPE	MacroCore	Steel	Direct-push	DATE	01/19/22	
SIZE (ID)	2.25	2.25	2.25	TIME		
HAMMER WEIGHT	NA	NA	NA	DEPTH	17.00	
HAMMER FALL	NA	NA	NA	SURFACE ELEV:	98.96	

SAMPLING INTERVALS					Strata Change	DESCRIPTION OF MATERIALS (Burmister Soil Classification System)	Monitoring Well Construction Details / Materials
DEPTH (feet)	Sample ID #	REC/PEN feet	Blows / 6" `--/--/--/--	PID (ppmv)			
		4.5/5.0		1.7	Fill	0-3.0': Dark brown CLAY, some Silt, LITTLE F- Sand, no staining, no odor, moist, medium dense	
				4.0			
				4.9		3.0-4.5': Light Brown CLAY, trace F-Sand & Silt, no staining, no odor, moist, medium dense	
				9.1			
5'				2.0			
		4.7/5.0		3.9	Clay	5.0-6.2': Medium Brown CLAY, little F-Sand & Silt, no staining, no odor, moist, medium dense	
				7.7			
				11.0		6.2-6.8': Black CLAY, little F-Sand & Silt, black staining, no odor, moist, medium	
				7.0		6.8-9.7': Black CLAY, little F-Sand & Silt, black staining, no odor, moist, medium dense	
10'				10.0			
		5.0/5.0		6.0		10-15.0': Dark Brown CLAY, trace Silt, no staining no odor, moist, medium dense	
				15.0			
				13.4			
				14.2			
15'				35.1			
		5.0/5.0		8.4		15.0-20.0': Red Gray CLAY, trace Silt, no staining, no odor, moist, medium dense	
				27.8			
				15.8			
				24.7			
20'				39.5			
		2.0/5.0		16.5	Clay	20.0-23.0': COLLAPSE	
				32.3		23.0-25.0': Red Gray CLAY, trace Silt, no staining, no odor, moist, medium dense	
				30.5			
				-			
25'				-			
						Bottom of Boring	
						Sample collected from 20ft and submitted for VOCs	
30'							

DRILLING RIG TYPE: GeoProbe

SURFACE ELEVATION:
START DATE: 01/19/22
END DATE: 01/19/22

MONITORING WELL INSTALLED: MW-102
RISER FROM: 0 TO: 15 SCREEN FROM: 15 TO: 25
Filter Sand: #1 Sand Pack Intervals 13 TO: 25
Bentonite Seal Interval 12 TO: 13
Native Backfill 0 TO: 12

PROPORTIONS USED		RELATIVE DENSITY		CONSISTENCY		SOIL CLASSIFICATION (inches)				SUMMARY	
trace	0-10%	0-4	Very Loose	0-2	Very Soft	Boulders	>11.8	Fine Sand	.02-.003	Overburden (feet):	5
little	10-20%	4-10	Loose	2-4	Soft	Cobbles	11.8-2.9	Fine Silt	<.003	Rock Cored (feet):	NA
some	20-35%	10-30	Medium Dense	4-8	Medium Stiff	Coarse Gravel	2.9-.75	Clay	<.003	# of samples:	1
and	35-50%	30-50	Dense	8-15	Stiff	Fine Gravel	.75-.19			Well set (feet):	NA
		50+	Very Dense	15-30	Very Stiff	Course Sand	.19-.08				
				30+	Hard	Medium Sand	.08-.02				

APPENDIX B

PHOENIX
Environmental Laboratories, Inc.

Wednesday, February 02, 2022

Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Project ID: 1355 MAIN ST.
SDG ID: GCK24398
Sample ID#s: CK24398 - CK24403

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

February 02, 2022

SDG I.D.: GCK24398

Volatile 8260 analysis:
1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane do not meet GWP criteria, these compounds are analyzed by GC/ECD to achieve this criteria.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

February 02, 2022

SDG I.D.: GCK24398

Project ID: 1355 MAIN ST.

Client Id	Lab Id	Matrix
MW-102	CK24398	GROUND WATER
MW-101	CK24399	GROUND WATER
MW-104	CK24400	GROUND WATER
MW-SB104	CK24401	GROUND WATER
MW-101 (F)	CK24402	GROUND WATER
TB01262022	CK24403	WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 02, 2022

FOR: Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/26/22	12:00
Location Code:	BETA-CT	Received by:	LB	01/27/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	6989				

Laboratory Data

SDG ID: GCK24398
Phoenix ID: CK24398

Project ID: 1355 MAIN ST.
Client ID: MW-102

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,2-Dibromoethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C

Project ID: 1355 MAIN ST.
Client ID: MW-102

Phoenix I.D.: CK24398

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	01/27/22	MH	SW8260C
Acrylonitrile	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/27/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Tetrachloroethene	1.1	1.0	ug/L	1	01/27/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/27/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	1	01/27/22	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	01/27/22	MH	70 - 130 %
% Dibromofluoromethane	106		%	1	01/27/22	MH	70 - 130 %

Ver 1

Project ID: 1355 MAIN ST.
Client ID: MW-102

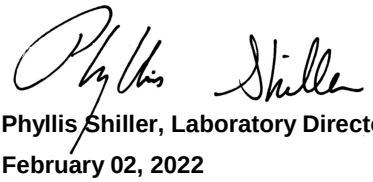
Phoenix I.D.: CK24398

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103		%	1	01/27/22	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 02, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 02, 2022

FOR: Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/26/22	13:40
Location Code:	BETA-CT	Received by:	LB	01/27/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	6989				

Laboratory Data

SDG ID: GCK24398
Phoenix ID: CK24399

Project ID: 1355 MAIN ST.
Client ID: MW-101

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Arsenic	< 0.004	0.004	mg/L	1	01/28/22	TH	SW6010D
Barium	0.424	0.002	mg/L	1	01/28/22	TH	SW6010D
Beryllium	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Cadmium	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Chromium	0.026	0.001	mg/L	1	01/28/22	TH	SW6010D
Copper	0.026	0.005	mg/L	1	01/28/22	TH	SW6010D
Mercury	< 0.0002	0.0002	mg/L	1	01/28/22	AP	SW7470A
Nickel	0.018	0.001	mg/L	1	01/28/22	TH	SW6010D
Lead	0.014	0.002	mg/L	1	01/28/22	TH	SW6010D
Antimony	< 0.005	0.005	mg/L	1	01/28/22	TH	SW6010D
Selenium	< 0.010	0.010	mg/L	1	01/28/22	TH	SW6010D
Thallium	< 0.0005	0.0005	mg/L	5	01/28/22	CPP	SW6020B
Vanadium	0.028	0.002	mg/L	1	01/28/22	EK	SW6010D
Zinc	0.051	0.004	mg/L	1	01/28/22	TH	SW6010D
Mercury Digestion	Completed				01/28/22	AB/AB	SW7470A
Total Metals Digestion	Completed				01/27/22	AG	
Total Metals Digestion MS	Completed				01/27/22	AG	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C

Project ID: 1355 MAIN ST.
Client ID: MW-101

Phoenix I.D.: CK24399

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,2-Dibromoethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Acetone	ND	25	ug/L	1	01/27/22	MH	SW8260C
Acrylonitrile	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/27/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C

Project ID: 1355 MAIN ST.
Client ID: MW-101

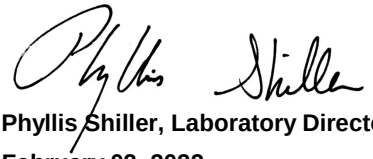
Phoenix I.D.: CK24399

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Tetrachloroethene	15	1.0	ug/L	1	01/27/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/27/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Trichlorofluoromethane	3.4	1.0	ug/L	1	01/27/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	01/27/22	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	01/27/22	MH	70 - 130 %
% Dibromofluoromethane	107		%	1	01/27/22	MH	70 - 130 %
% Toluene-d8	102		%	1	01/27/22	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
February 02, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 02, 2022

FOR: Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/26/22	14:30
Location Code:	BETA-CT	Received by:	LB	01/27/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	6989				

Laboratory Data

SDG ID: GCK24398
Phoenix ID: CK24400

Project ID: 1355 MAIN ST.
Client ID: MW-104

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,1,1-Trichloroethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,1,2-Trichloroethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,1-Dichloroethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,1-Dichloroethene	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,1-Dichloropropene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,2,3-Trichloropropane	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,2-Dibromoethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,2-Dichlorobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,2-Dichloroethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,2-Dichloropropane	ND	10	ug/L	20	01/28/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,3-Dichlorobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,3-Dichloropropane	ND	20	ug/L	20	01/28/22	MH	SW8260C
1,4-Dichlorobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
2,2-Dichloropropane	ND	20	ug/L	20	01/28/22	MH	SW8260C
2-Chlorotoluene	ND	20	ug/L	20	01/28/22	MH	SW8260C
2-Hexanone	ND	50	ug/L	20	01/28/22	MH	SW8260C
2-Isopropyltoluene	ND	20	ug/L	20	01/28/22	MH	SW8260C
4-Chlorotoluene	ND	20	ug/L	20	01/28/22	MH	SW8260C
4-Methyl-2-pentanone	ND	100	ug/L	20	01/28/22	MH	SW8260C

Project ID: 1355 MAIN ST.
Client ID: MW-104

Phoenix I.D.: CK24400

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	500	ug/L	20	01/28/22	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	20	01/28/22	MH	SW8260C
Benzene	ND	10	ug/L	20	01/28/22	MH	SW8260C
Bromobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Bromochloromethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
Bromodichloromethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
Bromoform	ND	10	ug/L	20	01/28/22	MH	SW8260C
Bromomethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
Carbon Disulfide	ND	40	ug/L	20	01/28/22	MH	SW8260C
Carbon tetrachloride	ND	10	ug/L	20	01/28/22	MH	SW8260C
Chlorobenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Chloroethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
Chloroform	ND	10	ug/L	20	01/28/22	MH	SW8260C
Chloromethane	ND	18	ug/L	20	01/28/22	MH	SW8260C
cis-1,2-Dichloroethene	ND	20	ug/L	20	01/28/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	10	ug/L	20	01/28/22	MH	SW8260C
Dibromochloromethane	ND	10	ug/L	20	01/28/22	MH	SW8260C
Dibromomethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
Dichlorodifluoromethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
Ethylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Hexachlorobutadiene	ND	10	ug/L	20	01/28/22	MH	SW8260C
Isopropylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
m&p-Xylene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Methyl ethyl ketone	ND	100	ug/L	20	01/28/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	01/28/22	MH	SW8260C
Methylene chloride	ND	20	ug/L	20	01/28/22	MH	SW8260C
Naphthalene	ND	20	ug/L	20	01/28/22	MH	SW8260C
n-Butylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
n-Propylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
o-Xylene	ND	20	ug/L	20	01/28/22	MH	SW8260C
p-Isopropyltoluene	ND	20	ug/L	20	01/28/22	MH	SW8260C
sec-Butylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Styrene	ND	20	ug/L	20	01/28/22	MH	SW8260C
tert-Butylbenzene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Tetrachloroethene	1900	200	ug/L	200	01/28/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	ug/L	20	01/28/22	MH	SW8260C
Toluene	ND	20	ug/L	20	01/28/22	MH	SW8260C
Total Xylenes	ND	20	ug/L	20	01/28/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	20	ug/L	20	01/28/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	10	ug/L	20	01/28/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	100	ug/L	20	01/28/22	MH	SW8260C
Trichloroethene	67	20	ug/L	20	01/28/22	MH	SW8260C
Trichlorofluoromethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
Trichlorotrifluoroethane	ND	20	ug/L	20	01/28/22	MH	SW8260C
Vinyl chloride	ND	10	ug/L	20	01/28/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (20x)	103		%	20	01/28/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	91		%	20	01/28/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	108		%	20	01/28/22	MH	70 - 130 %

Project ID: 1355 MAIN ST.
Client ID: MW-104

Phoenix I.D.: CK24400

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	101		%	20	01/28/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	103		%	200	01/28/22	MH	70 - 130 %
% Bromofluorobenzene (200x)	88		%	200	01/28/22	MH	70 - 130 %
% Dibromofluoromethane (200x)	108		%	200	01/28/22	MH	70 - 130 %
% Toluene-d8 (200x)	100		%	200	01/28/22	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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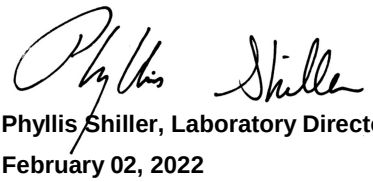

Phyllis Shiller, Laboratory Director
February 02, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 02, 2022

FOR: Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/26/22	15:15
Location Code:	BETA-CT	Received by:	LB	01/27/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	6989				

Laboratory Data

SDG ID: GCK24398
Phoenix ID: CK24401

Project ID: 1355 MAIN ST.
Client ID: MW-SB104

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/28/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/28/22	MH	SW8260C
1,2-Dibromoethane	ND	0.50	ug/L	1	01/28/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/28/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	01/28/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/28/22	MH	SW8260C

Project ID: 1355 MAIN ST.
Client ID: MW-SB104

Phoenix I.D.: CK24401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	01/28/22	MH	SW8260C
Acrylonitrile	ND	0.50	ug/L	1	01/28/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/28/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	01/28/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	01/28/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Chloroform	1.7	1.0	ug/L	1	01/28/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/28/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	01/28/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	01/28/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	01/28/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/28/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/28/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/28/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	01/28/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	1	01/28/22	MH	70 - 130 %
% Bromofluorobenzene	93		%	1	01/28/22	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	01/28/22	MH	70 - 130 %

Ver 1

Project ID: 1355 MAIN ST.
Client ID: MW-SB104

Phoenix I.D.: CK24401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	104		%	1	01/28/22	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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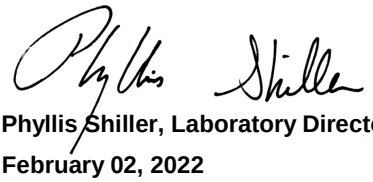

Phyllis Shiller, Laboratory Director

February 02, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 02, 2022

FOR: Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/26/22	13:45
Location Code:	BETA-CT	Received by:	LB	01/27/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	6989				

Laboratory Data

SDG ID: GCK24398
Phoenix ID: CK24402

Project ID: 1355 MAIN ST.
Client ID: MW-101 (F)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Arsenic (Dissolved)	0.004	0.004	mg/L	1	01/28/22	TH	SW6010D
Barium (Dissolved)	0.250	0.002	mg/L	1	01/28/22	TH	SW6010D
Beryllium (Dissolved)	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Cadmium (Dissolved)	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Chromium (Dissolved)	< 0.001	0.001	mg/L	1	01/28/22	TH	SW6010D
Copper (Dissolved)	0.007	0.005	mg/L	1	01/28/22	TH	SW6010D
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	01/28/22	AP	SW7470A
Nickel (Dissolved)	0.002	0.001	mg/L	1	01/28/22	TH	SW6010D
Lead (Dissolved)	< 0.002	0.002	mg/L	1	01/28/22	TH	SW6010D
Antimony (Dissolved)	< 0.005	0.005	mg/L	1	01/28/22	TH	SW6010D
Selenium (Dissolved)	< 0.011	0.011	mg/L	1	01/28/22	TH	SW6010D
Thallium (Dissolved)	< 0.0003	0.0003	mg/L	1	01/31/22	CPP	SW6020B
Vanadium (Dissolved)	< 0.002	0.002	mg/L	1	01/28/22	TH	SW6010D
Zinc (Dissolved)	< 0.002	0.002	mg/L	1	01/28/22	TH	SW6010D
Filtration	Completed				01/27/22	AG	0.45um Filter
Mercury Dissolved Digestion	Completed				01/28/22	AB/AB	SW7470A
Dissolved Metals Preparation	Completed				01/27/22	AG	SW3005A
Dissolved Metals Preparation	Completed				01/28/22	AG	SW3005A

Project ID: 1355 MAIN ST.
Client ID: MW-101 (F)

Phoenix I.D.: CK24402

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
February 02, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 02, 2022

FOR: Attn: Mr. Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		01/26/22	8:00
Location Code:	BETA-CT	Received by:	LB	01/27/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	6989				

Laboratory Data

SDG ID: GCK24398
Phoenix ID: CK24403

Project ID: 1355 MAIN ST.
Client ID: TB01262022

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,2-Dibromoethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/27/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C

Project ID: 1355 MAIN ST.
Client ID: TB01262022

Phoenix I.D.: CK24403

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	01/27/22	MH	SW8260C
Acrylonitrile	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/27/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	01/27/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/27/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/27/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/27/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	01/27/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	1	01/27/22	MH	70 - 130 %
% Bromofluorobenzene	93		%	1	01/27/22	MH	70 - 130 %
% Dibromofluoromethane	104		%	1	01/27/22	MH	70 - 130 %

Ver 1

Project ID: 1355 MAIN ST.
Client ID: TB01262022

Phoenix I.D.: CK24403

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103		%	1	01/27/22	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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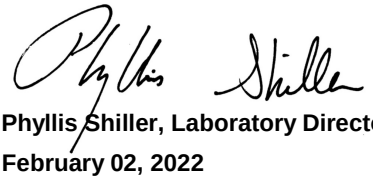

Phyllis Shiller, Laboratory Director

February 02, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 02, 2022

QA/QC Data

SDG I.D.: GCK24398

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 609932 (mg/L), QC Sample No: CK24274 (CK24399)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	105			90.7			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 609937 (mg/L), QC Sample No: CK24649 (CK24402)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	101			101			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 609841 (mg/L), QC Sample No: CK24013 (CK24402)													
ICP Metals - Dissolved													
Antimony	BRL	0.005	<0.005	<0.005	NC	96.4	96.0	0.4	92.2			80 - 120	20
Arsenic	BRL	0.004	<0.004	<0.004	NC	95.3	94.4	0.9	92.1			80 - 120	20
Barium	BRL	0.002	<0.002	<0.002	NC	96.0	95.0	1.0	92.8			80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	99.4	97.8	1.6	95.4			80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	95.8	94.9	0.9	93.4			80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	97.1	95.3	1.9	92.9			80 - 120	20
Copper	BRL	0.005	<0.005	<0.005	NC	97.1	95.4	1.8	92.7			80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	97.7	96.0	1.8	94.5			80 - 120	20
Nickel	BRL	0.001	<0.001	<0.001	NC	98.0	96.3	1.7	93.7			80 - 120	20
Selenium	BRL	0.011	<0.011	<0.011	NC	92.3	92.3	0.0	90.5			80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	95.8	94.7	1.2	94.1			80 - 120	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	96.3	95.1	1.3	93.3			80 - 120	20
Zinc	BRL	0.002	<0.002	<0.002	NC	95.1	93.5	1.7	91.4			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 609875 (mg/L), QC Sample No: CK24833 (CK24399)													
ICP Metals - Aqueous													
Antimony	BRL	0.005	<0.005	<0.005	NC	98.6	102	3.4	102			80 - 120	20
Arsenic	BRL	0.004	<0.004	<0.004	NC	97.9	103	5.1	102			80 - 120	20
Barium	BRL	0.002	0.018	0.017	5.70	93.3	96.1	3.0	97.7			80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	99.8	103	3.2	103			80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	96.5	98.6	2.2	101			80 - 120	20
Chromium	BRL	0.001	0.002	0.002	NC	98.1	102	3.9	103			80 - 120	20
Copper	BRL	0.005	<0.005	<0.005	NC	101	105	3.9	104			80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	96.8	101	4.2	102			80 - 120	20
Nickel	BRL	0.001	<0.001	<0.001	NC	97.4	101	3.6	101			80 - 120	20
Selenium	BRL	0.010	<0.010	<0.010	NC	94.0	99.7	5.9	97.9			80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	97.0	99.9	2.9	99.5			80 - 120	20
Vanadium	BRL	0.002	<0.002	0.006	NC	98.8	101	2.2	102			80 - 120	20
Zinc	BRL	0.004	<0.004	<0.004	NC	95.5	99.7	4.3	100			80 - 120	20

QA/QC Data

SDG I.D.: GCK24398

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 609835 (mg/L), QC Sample No: CK23238 5X (CK24399)													
ICP MS Metals - Aqueous													
Thallium	BRL	0.0005	<0.0005	<0.0005	NC	100	104	3.9	103			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 610022 (mg/L), QC Sample No: CK24647 (CK24402)													
ICP Metals MS - Dissolved													
Thallium	BRL	0.0003	<0.0003	<0.0003	NC	95.0	94.1	1.0	86.6			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 02, 2022

QA/QC Data

SDG I.D.: GCK24398

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 609970 (ug/L), QC Sample No: CK25018 (CK24398, CK24399, CK24400 (20X) , CK24401, CK24403)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	94	107	12.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	87	101	14.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	88	99	11.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	82	101	20.8				70 - 130	30
1,1-Dichloroethane	ND	1.0	91	102	11.4				70 - 130	30
1,1-Dichloroethene	ND	1.0	85	99	15.2				70 - 130	30
1,1-Dichloropropene	ND	1.0	90	102	12.5				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	93	105	12.1				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	84	88	4.7				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	91	102	11.4				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	103	1.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	88	103	15.7				70 - 130	30
1,2-Dibromoethane	ND	1.0	93	108	14.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	93	99	6.3				70 - 130	30
1,2-Dichloroethane	ND	1.0	86	101	16.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	87	99	12.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	102	102	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	95	100	5.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	93	109	15.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	93	98	5.2				70 - 130	30
2,2-Dichloropropane	ND	1.0	86	99	14.1				70 - 130	30
2-Chlorotoluene	ND	1.0	101	101	0.0				70 - 130	30
2-Hexanone	ND	5.0	75	96	24.6				70 - 130	30
2-Isopropyltoluene	ND	1.0	100	100	0.0				70 - 130	30
4-Chlorotoluene	ND	1.0	101	102	1.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	78	101	25.7				70 - 130	30
Acetone	ND	5.0	63	79	22.5				70 - 130	30
Acrylonitrile	ND	5.0	84	105	22.2				70 - 130	30
Benzene	ND	0.70	91	99	8.4				70 - 130	30
Bromobenzene	ND	1.0	96	100	4.1				70 - 130	30
Bromochloromethane	ND	1.0	86	99	14.1				70 - 130	30
Bromodichloromethane	ND	0.50	90	104	14.4				70 - 130	30
Bromoform	ND	1.0	89	106	17.4				70 - 130	30
Bromomethane	ND	1.0	92	105	13.2				70 - 130	30
Carbon Disulfide	ND	1.0	82	93	12.6				70 - 130	30
Carbon tetrachloride	ND	1.0	105	127	19.0				70 - 130	30
Chlorobenzene	ND	1.0	94	102	8.2				70 - 130	30
Chloroethane	ND	1.0	90	102	12.5				70 - 130	30
Chloroform	ND	1.0	86	99	14.1				70 - 130	30
Chloromethane	ND	1.0	87	95	8.8				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	91	103	12.4				70 - 130	30

QA/QC Data

SDG I.D.: GCK24398

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	88	104	16.7				70 - 130	30
Dibromochloromethane	ND	0.50	92	104	12.2				70 - 130	30
Dibromomethane	ND	1.0	85	101	17.2				70 - 130	30
Dichlorodifluoromethane	ND	1.0	85	96	12.2				70 - 130	30
Ethylbenzene	ND	1.0	100	105	4.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	93	93	0.0				70 - 130	30
Isopropylbenzene	ND	1.0	102	101	1.0				70 - 130	30
m&p-Xylene	ND	1.0	99	105	5.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	79	107	30.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	82	105	24.6				70 - 130	30
Methylene chloride	ND	1.0	86	99	14.1				70 - 130	30
Naphthalene	ND	1.0	85	103	19.1				70 - 130	30
n-Butylbenzene	ND	1.0	102	104	1.9				70 - 130	30
n-Propylbenzene	ND	1.0	99	98	1.0				70 - 130	30
o-Xylene	ND	1.0	100	109	8.6				70 - 130	30
p-Isopropyltoluene	ND	1.0	103	103	0.0				70 - 130	30
sec-Butylbenzene	ND	1.0	98	101	3.0				70 - 130	30
Styrene	ND	1.0	100	110	9.5				70 - 130	30
tert-Butylbenzene	ND	1.0	101	101	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	83	95	13.5				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	77	94	19.9				70 - 130	30
Toluene	ND	1.0	90	98	8.5				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	90	102	12.5				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	85	106	22.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	91	107	16.2				70 - 130	30
Trichloroethene	ND	1.0	89	98	9.6				70 - 130	30
Trichlorofluoromethane	ND	1.0	86	101	16.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	75	90	18.2				70 - 130	30
Vinyl chloride	ND	1.0	88	101	13.8				70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	98	100	2.0				70 - 130	30
% Bromofluorobenzene	93	%	99	104	4.9				70 - 130	30
% Dibromofluoromethane	104	%	91	97	6.4				70 - 130	30
% Toluene-d8	103	%	98	99	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
February 02, 2022

Wednesday, February 02, 2022

Criteria: CT: GBM, GWP, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCK24398 - BETA-CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK24398	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	0.50	0.2	0.2	ug/L
CK24398	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	0.50	0.05	0.05	ug/L
CK24399	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	0.50	0.2	0.2	ug/L
CK24399	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	0.50	0.05	0.05	ug/L
CK24399	$8260GWR	Tetrachloroethene	CT / RSR GWPC (ug/l) / Volatiles	15	1.0	5	5	ug/L
CK24400	$8260GWR	Bromomethane	CT / RSR GWPC (ug/l) / APS Organics	ND	10	3.5	3.5	ug/L
CK24400	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	10	0.2	0.2	ug/L
CK24400	$8260GWR	2-Hexanone	CT / RSR GWPC (ug/l) / APS Organics	ND	50	35	35	ug/L
CK24400	$8260GWR	Bromodichloromethane	CT / RSR GWPC (ug/l) / APS Organics	ND	10	1	1	ug/L
CK24400	$8260GWR	Chloroethane	CT / RSR GWPC (ug/l) / APS Organics	ND	10	7.4	7.4	ug/L
CK24400	$8260GWR	Tetrahydrofuran (THF)	CT / RSR GWPC (ug/l) / APS Organics	ND	50	4	4	ug/L
CK24400	$8260GWR	Hexachlorobutadiene	CT / RSR GWPC (ug/l) / APS Organics	ND	10	7.4	7.4	ug/L
CK24400	$8260GWR	trans-1,3-Dichloropropene	CT / RSR GWPC (ug/l) / Volatiles	ND	10	0.5	0.5	ug/L
CK24400	$8260GWR	Vinyl chloride	CT / RSR GWPC (ug/l) / Volatiles	ND	10	2	2	ug/L
CK24400	$8260GWR	1,1,1,2-Tetrachloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	1	1	ug/L
CK24400	$8260GWR	1,1,2,2-Tetrachloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	0.5	0.5	ug/L
CK24400	$8260GWR	1,1,2-Trichloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	5	5	ug/L
CK24400	$8260GWR	1,1-Dichloroethene	CT / RSR GWPC (ug/l) / Volatiles	ND	10	7	7	ug/L
CK24400	$8260GWR	Trichloroethene	CT / RSR GWPC (ug/l) / Volatiles	67	20	5	5	ug/L
CK24400	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	0.05	0.05	ug/L
CK24400	$8260GWR	Bromoform	CT / RSR GWPC (ug/l) / Volatiles	ND	10	4	4	ug/L
CK24400	$8260GWR	1,2-Dichloropropane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	5	5	ug/L
CK24400	$8260GWR	Acrylonitrile	CT / RSR GWPC (ug/l) / Volatiles	ND	5.0	0.5	0.5	ug/L
CK24400	$8260GWR	Benzene	CT / RSR GWPC (ug/l) / Volatiles	ND	10	1	1	ug/L
CK24400	$8260GWR	Tetrachloroethene	CT / RSR GWPC (ug/l) / Volatiles	1900	200	5	5	ug/L
CK24400	$8260GWR	Carbon tetrachloride	CT / RSR GWPC (ug/l) / Volatiles	ND	10	5	5	ug/L
CK24400	$8260GWR	Methylene chloride	CT / RSR GWPC (ug/l) / Volatiles	ND	20	5	5	ug/L
CK24400	$8260GWR	Chloroform	CT / RSR GWPC (ug/l) / Volatiles	ND	10	6	6	ug/L
CK24400	$8260GWR	cis-1,3-Dichloropropene	CT / RSR GWPC (ug/l) / Volatiles	ND	10	0.5	0.5	ug/L
CK24400	$8260GWR	Dibromochloromethane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	0.5	0.5	ug/L
CK24400	$8260GWR	1,2-Dichloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	10	1	1	ug/L
CK24401	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	0.50	0.2	0.2	ug/L
CK24401	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	0.50	0.05	0.05	ug/L
CK24403	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	0.50	0.2	0.2	ug/L
CK24403	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	0.50	0.05	0.05	ug/L

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Beta Group

Project Location: 1355 MAIN ST. ***Project Number:***

Laboratory Sample ID(s): CK24398-CK24403 ***Sampling Date(s):*** 1/26/2022

List RCP Methods Used (e.g., 8260, 8270, et cetera) 6010, 7470/7471, 8260

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 CT DEP 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 or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
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 ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☐ Yes ☑ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents 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 in the 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: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Wednesday, February 02, 2022

Name of Laboratory Phoenix Environmental Labs, Inc.

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

Environmental Laboratories, Inc.
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NY # 11301

RCP Certification Report

February 02, 2022

SDG I.D.: GCK24398

SDG Comments

Volatile 8260 analysis:
1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane do not meet the GWP these compounds are analyzed by GC/ECD to achieve this criteria.

Sample(CK24400) required a dilution for Volatiles due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

Mercury Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

MERLIN 01/28/22 08:01 Alex Purdue, Chemist 01/28/22

CK24399, CK24402

The method preparation blank, ICB, and CCBs contain all of the acids and reagents as the samples.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 609932 (CK24274)

CK24399

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

Batch 609937 (CK24649)

CK24402

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

ICP Metals Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

ARCOS 01/28/22 08:33 Tina Hall, Chemist 01/28/22

CK24402

Additional criteria for CCV and ICSAB:
Sodium and Potassium are poor performing elements, the laboratory's in-house limits are 85-115% (CCV) and 70-130% (ICSAB).The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Certification Report

February 02, 2022

SDG I.D.: GCK24398

ICP Metals Narration

The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

BLUE 01/27/22 08:11 Emily Kolominskaya, Tina Hall, Chemist 01/27/22

CK24399

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

BLUE 01/28/22 07:52 Emily Kolominskaya, Tina Hall, Chemist 01/28/22

CK24399

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 609841 (CK24013)

CK24402

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

Batch 609875 (CK24833)

CK24399

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

ICPMS Metals Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

ICPMS 01/28/22 17:09 Cindy Pearce, Chemist 01/28/22

CK24399

Environmental Laboratories, Inc.
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NY # 11301

Certification Report

February 02, 2022

SDG I.D.: GCK24398

ICPMS Metals Narration

The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following samples did not meet internal standard criteria: None.

ICPMS 01/31/22 11:19 Cindy Pearce, Chemist 01/31/22

CK24402

The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following samples did not meet internal standard criteria: None.

QC (Batch Specific):

Batch 609835 (CK23238)

CK24399

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

Batch 610022 (CK24647)

CK24402

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 609970 (Samples: CK24398, CK24399, CK24400, CK24401, CK24403): -----

The LCS and/or the LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (Acetone)

Instrument:

CHEM17 01/27/22-2 Michael Hahn, Chemist 01/27/22

CK24398 (1X), CK24399 (1X), CK24400 (20X), CK24401 (1X), CK24403 (1X)

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments.
EPA method 8260D Table 4 supports this approach.

Initial Calibration Evaluation (CHEM17/VT-012622):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 29% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: 1,2-Dibromo-3-chloropropane 0.031

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

February 02, 2022

SDG I.D.: GCK24398

VOA Narration

(0.05), 2-Hexanone 0.049 (0.1), 4-Methyl-2-pentanone 0.076 (0.1), Acetone 0.056 (0.1), Bromoform 0.099 (0.1), Methyl ethyl ketone 0.063 (0.1), Tetrahydrofuran (THF) 0.043 (0.05)
The following compounds did not meet the minimum response factor of 0.05: 1,2-Dibromo-3-chloropropane 0.031 (0.05), 2-Hexanone 0.049 (0.05), Tetrahydrofuran (THF) 0.043 (0.05)

Continuing Calibration Verification (CHEM17/0127_17-VT-012622):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Carbon tetrachloride 35%H (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: 1,2-Dibromo-3-chloropropane 0.030 (0.05), 2-Hexanone 0.042 (0.05), Acetone 0.045 (0.05), Tetrahydrofuran (THF) 0.041 (0.05)

CHEM17 01/28/22-1 Michael Hahn, Chemist 01/28/22

CK24400 (200X)

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments.
EPA method 8260D Table 4 supports this approach.

Initial Calibration Evaluation (CHEM17/VT-012622):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM17/0128_02-VT-012622):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 609970 (CK25018) CHEM17 1/27/2022-2

CK24398(1X), CK24399(1X), CK24400(20X), CK24401(1X), CK24403(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: Acetone(63%)
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 2.2C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.2 °C Pg of

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: CFlorian@Beta-inc.com RSmith@Beta-inc.com

Customer: BETA Chicopee
Address: 1 Springfield St
Chicopee, MA

Project: 1355 Main St
Report to: Rob Smith, Chanler Florian
Invoice to: Rob Smith, Chanler Florian
QUOTE #

Project P.O: 6989

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 1/26/22

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260 RSR Metals	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
24398	MW-102	GW	1/26/22	1200	X								3					
24399	MW-101	GW	1/26/22	1340	X	X							3			1		
24400	MW-104	GW	1/26/22	1430	X								3					
24401	MW-SB104	GW	1/26/22	1515	X								3					
24402	MW-101(F)	GW	1/26/22	1345		X										1		
24403	TB01262022	DI	1/26/22	0800									2					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1.27.22	1247
ST	[signature]	1/27/22	14:40

Comments, Special Requirements or Regulations:
MW-101(F) is field filtered

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] Standard
[ ] Other
* SURCHARGE APPLIES

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[X] RCP Cert
[X] GW Protection
[ ] SW Protection
[ ] GA Mobility
[X] GB Mobility
[X] Residential DEC
[X] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[X] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[X] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

PEL-126 REV. 06/20

Wednesday, January 26, 2022

Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Project ID: 1355 MAIN ST HARTFORD
SDG ID: GCK20122
Sample ID#s: CK20122 - CK20131

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

January 26, 2022

SDG I.D.: GCK20122

Project ID: 1355 MAIN ST HARTFORD

Client Id	Lab Id	Matrix
SB-101 (6.2)	CK20122	SOIL
SB-101 (16.5)	CK20123	SOIL
SB-102 (8)	CK20124	SOIL
SB-102 (16)	CK20125	SOIL
SB-103 (1.5)	CK20126	SOIL
SB-107 (25)	CK20127	SOIL
SB-105 (20)	CK20128	SOIL
SB-104 (3.5)	CK20129	SOIL
TB01192022 LOW	CK20130	SOIL
TB01192022 HIGH	CK20131	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	9:15
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20122

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-101 (6.2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	69		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.65	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
2-Hexanone	ND	32	ug/Kg	1	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-101 (6.2)

Phoenix I.D.: CK20122

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	32	ug/Kg	1	01/21/22	JLI	SW8260C
Acetone	ND	320	ug/Kg	1	01/21/22	JLI	SW8260C
Acrylonitrile	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Benzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Bromobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Bromochloromethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Bromoform	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Bromomethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Chlorobenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroform	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Chloromethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	3.9	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromomethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Ethylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
m&p-Xylene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	39	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Methylene chloride	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Naphthalene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
o-Xylene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Styrene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrachloroethene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Toluene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Total Xylenes	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Trichloroethene	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Vinyl chloride	ND	6.4	ug/Kg	1	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-101 (6.2)

Phoenix I.D.: CK20122

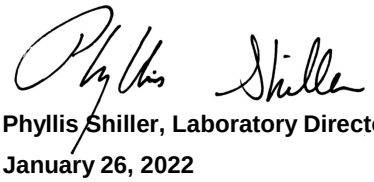
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102		%	1	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane	110		%	1	01/21/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 26, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	9:20
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20123

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-101 (16.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.75	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
2-Hexanone	ND	37	ug/Kg	1	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-101 (16.5)

Phoenix I.D.: CK20123

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	37	ug/Kg	1	01/21/22	JLI	SW8260C
Acetone	ND	370	ug/Kg	1	01/21/22	JLI	SW8260C
Acrylonitrile	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Benzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromochloromethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromoform	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromomethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chlorobenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroform	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloromethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromomethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Ethylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
m&p-Xylene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	45	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	15	ug/Kg	1	01/21/22	JLI	SW8260C
Methylene chloride	ND	15	ug/Kg	1	01/21/22	JLI	SW8260C
Naphthalene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
o-Xylene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Styrene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrachloroethene	2500	320	ug/Kg	50	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	15	ug/Kg	1	01/21/22	JLI	SW8260C
Toluene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Total Xylenes	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	15	ug/Kg	1	01/21/22	JLI	SW8260C
Trichloroethene	27	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	15	ug/Kg	1	01/21/22	JLI	SW8260C
Vinyl chloride	ND	7.5	ug/Kg	1	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-101 (16.5)

Phoenix I.D.: CK20123

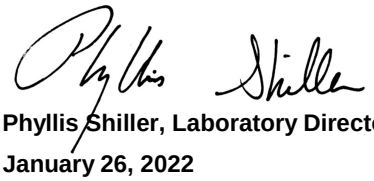
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane	110		%	1	01/21/22	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/21/22	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene (50x)	94		%	50	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	97		%	50	01/21/22	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 26, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	10:00
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20124

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-102 (8)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	75		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
2-Hexanone	ND	700	ug/Kg	50	01/21/22	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	1800	ug/Kg	50	01/21/22	JLI	SW8260C
Acetone	ND	14000	ug/Kg	50	01/21/22	JLI	SW8260C
Acrylonitrile	ND	36	ug/Kg	50	01/21/22	JLI	SW8260C
Benzene	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Bromobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Bromochloromethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Bromoform	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Bromomethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Chlorobenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Chloroethane	ND	150	ug/Kg	50	01/21/22	JLI	SW8260C
Chloroform	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Chloromethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Dibromomethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Ethylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	200	ug/Kg	50	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
m&p-Xylene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	2100	ug/Kg	50	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	710	ug/Kg	50	01/21/22	JLI	SW8260C
Methylene chloride	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Naphthalene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
o-Xylene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
sec-Butylbenzene	220	210	ug/Kg	50	01/21/22	JLI	SW8260C
Styrene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Tetrachloroethene	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Toluene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Total Xylenes	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	710	ug/Kg	50	01/21/22	JLI	SW8260C
Trichloroethene	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	710	ug/Kg	50	01/21/22	JLI	SW8260C
Vinyl chloride	ND	140	ug/Kg	50	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-102 (8)

Phoenix I.D.: CK20124

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4 (50x)	98		%	50	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene (50x)	102		%	50	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	100		%	50	01/21/22	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 26, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	10:05
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20125

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-102 (16)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	74		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
2-Hexanone	ND	700	ug/Kg	50	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-102 (16)

Phoenix I.D.: CK20125

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	2000	ug/Kg	50	01/21/22	JLI	SW8260C
Acetone	ND	14000	ug/Kg	50	01/21/22	JLI	SW8260C
Acrylonitrile	ND	41	ug/Kg	50	01/21/22	JLI	SW8260C
Benzene	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Bromobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Bromochloromethane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Bromoform	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Bromomethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Chlorobenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Chloroethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Chloroform	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Chloromethane	ND	360	ug/Kg	50	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
Dibromomethane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Ethylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	200	ug/Kg	50	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
m&p-Xylene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	2500	ug/Kg	50	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	820	ug/Kg	50	01/21/22	JLI	SW8260C
Methylene chloride	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Naphthalene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
o-Xylene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Styrene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Tetrachloroethene	57000	4100	ug/Kg	500	01/24/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Toluene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Total Xylenes	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	820	ug/Kg	50	01/21/22	JLI	SW8260C
Trichloroethene	270	160	ug/Kg	50	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	410	ug/Kg	50	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	820	ug/Kg	50	01/21/22	JLI	SW8260C
Vinyl chloride	ND	160	ug/Kg	50	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-102 (16)

Phoenix I.D.: CK20125

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene (50x)	92		%	50	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	101		%	50	01/21/22	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	01/21/22	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (500x)	99		%	500	01/24/22	JLI	70 - 130 %
% Bromofluorobenzene (500x)	93		%	500	01/24/22	JLI	70 - 130 %
% Dibromofluoromethane (500x)	102		%	500	01/24/22	JLI	70 - 130 %
% Toluene-d8 (500x)	97		%	500	01/24/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
January 26, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	11:15
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20126

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-103 (1.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	91		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.7	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.45	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
2-Hexanone	ND	22	ug/Kg	1	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-103 (1.5)

Phoenix I.D.: CK20126

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	ug/Kg	1	01/21/22	JLI	SW8260C
Acetone	ND	220	ug/Kg	1	01/21/22	JLI	SW8260C
Acrylonitrile	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Benzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromochloromethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromoform	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromomethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chlorobenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroform	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloromethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	2.7	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromomethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Ethylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
m&p-Xylene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.9	ug/Kg	1	01/21/22	JLI	SW8260C
Methylene chloride	ND	8.9	ug/Kg	1	01/21/22	JLI	SW8260C
Naphthalene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
o-Xylene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Styrene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrachloroethene	6.5	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.9	ug/Kg	1	01/21/22	JLI	SW8260C
Toluene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Total Xylenes	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.9	ug/Kg	1	01/21/22	JLI	SW8260C
Trichloroethene	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	8.9	ug/Kg	1	01/21/22	JLI	SW8260C
Vinyl chloride	ND	4.5	ug/Kg	1	01/21/22	JLI	SW8260C

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	99		%	1	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/21/22	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
January 26, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	12:00
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20127

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-107 (25)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	68		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.65	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
2-Hexanone	ND	33	ug/Kg	1	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-107 (25)

Phoenix I.D.: CK20127

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	33	ug/Kg	1	01/21/22	JLI	SW8260C
Acetone	ND	330	ug/Kg	1	01/21/22	JLI	SW8260C
Acrylonitrile	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Benzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromochloromethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromoform	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Bromomethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chlorobenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroform	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Chloromethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	7.4	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	3.9	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromomethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Ethylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
m&p-Xylene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	39	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Methylene chloride	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Naphthalene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
o-Xylene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Styrene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrachloroethene	2900	430	ug/Kg	50	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Toluene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Total Xylenes	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Trichloroethene	16	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	13	ug/Kg	1	01/21/22	JLI	SW8260C
Vinyl chloride	ND	6.5	ug/Kg	1	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-107 (25)

Phoenix I.D.: CK20127

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	01/21/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/21/22	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	98		%	50	01/21/22	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 26, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	13:15
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20128

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-105 (20)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.58	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
2-Hexanone	ND	29	ug/Kg	1	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-105 (20)

Phoenix I.D.: CK20128

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	ug/Kg	1	01/21/22	JLI	SW8260C
Acetone	ND	290	ug/Kg	1	01/21/22	JLI	SW8260C
Acrylonitrile	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Benzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Bromobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Bromochloromethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Bromoform	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Bromomethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Chlorobenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroform	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Chloromethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	3.5	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromomethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Ethylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
m&p-Xylene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	35	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	01/21/22	JLI	SW8260C
Methylene chloride	ND	12	ug/Kg	1	01/21/22	JLI	SW8260C
Naphthalene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
o-Xylene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Styrene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrachloroethene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	01/21/22	JLI	SW8260C
Toluene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Total Xylenes	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	01/21/22	JLI	SW8260C
Trichloroethene	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	12	ug/Kg	1	01/21/22	JLI	SW8260C
Vinyl chloride	ND	5.8	ug/Kg	1	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-105 (20)

Phoenix I.D.: CK20128

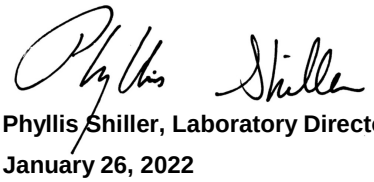
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	103		%	1	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	01/21/22	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 26, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	14:30
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20129

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-104 (3.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79		%		01/20/22	Q	SW846-%Solid
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.51	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
2-Chlorotoluene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
2-Hexanone	ND	26	ug/Kg	1	01/21/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-104 (3.5)

Phoenix I.D.: CK20129

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
4-Chlorotoluene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	ug/Kg	1	01/21/22	JLI	SW8260C
Acetone	ND	260	ug/Kg	1	01/21/22	JLI	SW8260C
Acrylonitrile	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Benzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Bromobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Bromochloromethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Bromodichloromethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Bromoform	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Bromomethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon Disulfide	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Carbon tetrachloride	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Chlorobenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Chloroform	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Chloromethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromochloromethane	ND	3.1	ug/Kg	1	01/21/22	JLI	SW8260C
Dibromomethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Ethylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Isopropylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
m&p-Xylene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	ug/Kg	1	01/21/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	01/21/22	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	01/21/22	JLI	SW8260C
Naphthalene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
n-Butylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
n-Propylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
o-Xylene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
sec-Butylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Styrene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
tert-Butylbenzene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrachloroethene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	01/21/22	JLI	SW8260C
Toluene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Total Xylenes	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	01/21/22	JLI	SW8260C
Trichloroethene	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	10	ug/Kg	1	01/21/22	JLI	SW8260C
Vinyl chloride	ND	5.1	ug/Kg	1	01/21/22	JLI	SW8260C

QA/QC Surrogates

Project ID: 1355 MAIN ST HARTFORD
Client ID: SB-104 (3.5)

Phoenix I.D.: CK20129

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102		%	1	01/21/22	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/21/22	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	01/21/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/21/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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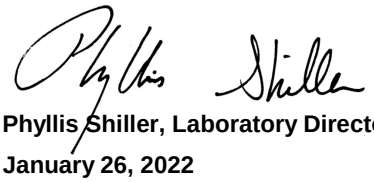

Phyllis Shiller, Laboratory Director

January 26, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	7:30
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20130

Project ID: 1355 MAIN ST HARTFORD
Client ID: TB01192022 LOW

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.50	ug/Kg	1	01/20/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
2-Chlorotoluene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	01/20/22	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: TB01192022 LOW

Phoenix I.D.: CK20130

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	ug/Kg	1	01/20/22	JLI	SW8260C
Acetone	ND	250	ug/Kg	1	01/20/22	JLI	SW8260C
Acrylonitrile	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Benzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Bromobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Bromochloromethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Bromodichloromethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Bromoform	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Bromomethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Carbon Disulfide	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Carbon tetrachloride	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Chlorobenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Chloroethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Chloroform	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Chloromethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Dibromochloromethane	ND	3.0	ug/Kg	1	01/20/22	JLI	SW8260C
Dibromomethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Ethylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Isopropylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
m&p-Xylene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	ug/Kg	1	01/20/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	01/20/22	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	01/20/22	JLI	SW8260C
Naphthalene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
n-Butylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
n-Propylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
o-Xylene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
sec-Butylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Styrene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
tert-Butylbenzene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Tetrachloroethene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	01/20/22	JLI	SW8260C
Toluene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Total Xylenes	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	01/20/22	JLI	SW8260C
Trichloroethene	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	10	ug/Kg	1	01/20/22	JLI	SW8260C
Vinyl chloride	ND	5.0	ug/Kg	1	01/20/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	01/20/22	JLI	70 - 130 %

Ver 1

Project ID: 1355 MAIN ST HARTFORD
Client ID: TB01192022 LOW

Phoenix I.D.: CK20130

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	01/20/22	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/20/22	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/20/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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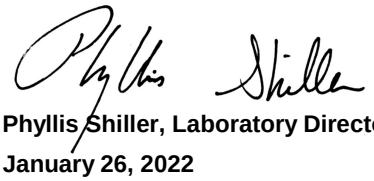

Phyllis Shiller, Laboratory Director
January 26, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 26, 2022

FOR: Attn: Rob Smith
Beta Group
1010 Wethersfield Ave Suite 305
Hartford, CT 06106

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/19/22	7:30
Location Code:	BETA-CT	Received by:	CP	01/20/22	14:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK20122
Phoenix ID: CK20131

Project ID: 1355 MAIN ST HARTFORD
Client ID: TB01192022 HIGH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				01/19/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,1-Dichloroethene	ND	140	ug/Kg	50	01/20/22	JLI	SW8260C
1,1-Dichloropropene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,2-Dibromoethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,2-Dichloroethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,2-Dichloropropane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,3-Dichloropropane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
2,2-Dichloropropane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
2-Chlorotoluene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
2-Hexanone	ND	700	ug/Kg	50	01/20/22	JLI	SW8260C
2-Isopropyltoluene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C

Project ID: 1355 MAIN ST HARTFORD
Client ID: TB01192022 HIGH

Phoenix I.D.: CK20131

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	1300	ug/Kg	50	01/20/22	JLI	SW8260C
Acetone	ND	5000	ug/Kg	50	01/20/22	JLI	SW8260C
Acrylonitrile	ND	25	ug/Kg	50	01/20/22	JLI	SW8260C
Benzene	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Bromobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Bromochloromethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Bromodichloromethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Bromoform	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Bromomethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Carbon Disulfide	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Carbon tetrachloride	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Chlorobenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Chloroethane	ND	150	ug/Kg	50	01/20/22	JLI	SW8260C
Chloroform	ND	120	ug/Kg	50	01/20/22	JLI	SW8260C
Chloromethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Dibromochloromethane	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Dibromomethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Dichlorodifluoromethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Ethylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Hexachlorobutadiene	ND	200	ug/Kg	50	01/20/22	JLI	SW8260C
Isopropylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
m&p-Xylene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	3000	ug/Kg	50	01/20/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Methylene chloride	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Naphthalene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
n-Butylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
n-Propylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
o-Xylene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
p-Isopropyltoluene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
sec-Butylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Styrene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
tert-Butylbenzene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Tetrachloroethene	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Toluene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Total Xylenes	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	50	01/20/22	JLI	SW8260C
Trichloroethene	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
Trichlorofluoromethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	ug/Kg	50	01/20/22	JLI	SW8260C
Vinyl chloride	ND	100	ug/Kg	50	01/20/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	01/20/22	JLI	70 - 130 %

Project ID: 1355 MAIN ST HARTFORD
Client ID: TB01192022 HIGH

Phoenix I.D.: CK20131

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	93		%	50	01/20/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	100		%	50	01/20/22	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	01/20/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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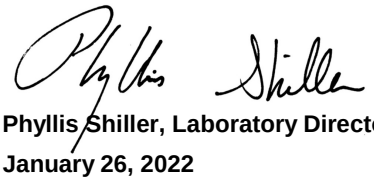

Phyllis Shiller, Laboratory Director
January 26, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

January 26, 2022

QA/QC Data

SDG I.D.: GCK20122

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 609338 (ug/kg), QC Sample No: CK20126 (CK20126)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	5.0	95	110	14.6	94	96	2.1	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	87	98	11.9	89	91	2.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	86	100	15.1	88	88	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	91	104	13.3	96	97	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	81	91	11.6	86	87	1.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	85	95	11.1	88	89	1.1	70 - 130	30	
1,1-Dichloropropene	ND	5.0	93	105	12.1	92	94	2.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	114	129	12.3	56	53	5.5	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	86	99	14.1	90	90	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	122	135	10.1	60	59	1.7	70 - 130	30	l,m
1,2,4-Trimethylbenzene	ND	1.0	101	113	11.2	81	82	1.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	97	113	15.2	94	94	0.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	94	110	15.7	99	100	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	95	107	11.9	70	70	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	84	98	15.4	91	91	0.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	82	95	14.7	89	90	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	100	112	11.3	79	81	2.5	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	101	113	11.2	73	74	1.4	70 - 130	30	
1,3-Dichloropropane	ND	5.0	89	104	15.5	95	97	2.1	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	98	110	11.5	72	73	1.4	70 - 130	30	
2,2-Dichloropropane	ND	5.0	90	102	12.5	92	94	2.2	70 - 130	30	
2-Chlorotoluene	ND	5.0	99	111	11.4	82	83	1.2	70 - 130	30	
2-Hexanone	ND	25	84	100	17.4	86	89	3.4	70 - 130	30	
2-Isopropyltoluene	ND	5.0	100	112	11.3	71	74	4.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	101	112	10.3	81	82	1.2	70 - 130	30	
4-Methyl-2-pentanone	ND	25	83	98	16.6	91	92	1.1	70 - 130	30	
Acetone	ND	10	66	76	14.1	63	65	3.1	70 - 130	30	l,m
Acrylonitrile	ND	5.0	76	90	16.9	79	80	1.3	70 - 130	30	
Benzene	ND	1.0	88	100	12.8	93	95	2.1	70 - 130	30	
Bromobenzene	ND	5.0	97	110	12.6	88	88	0.0	70 - 130	30	
Bromochloromethane	ND	5.0	89	103	14.6	98	98	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	88	101	13.8	92	94	2.2	70 - 130	30	
Bromoform	ND	5.0	99	116	15.8	95	97	2.1	70 - 130	30	
Bromomethane	ND	5.0	92	100	8.3	101	101	0.0	70 - 130	30	
Carbon Disulfide	ND	5.0	83	95	13.5	80	83	3.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	89	100	11.6	85	87	2.3	70 - 130	30	
Chlorobenzene	ND	5.0	93	107	14.0	88	89	1.1	70 - 130	30	
Chloroethane	ND	5.0	80	88	9.5	85	86	1.2	70 - 130	30	
Chloroform	ND	5.0	84	95	12.3	88	89	1.1	70 - 130	30	
Chloromethane	ND	5.0	80	90	11.8	83	85	2.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	88	98	10.8	92	94	2.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCK20122

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	5.0	93	107	14.0	96	97	1.0	70 - 130	30	
Dibromochloromethane	ND	3.0	96	113	16.3	98	99	1.0	70 - 130	30	
Dibromomethane	ND	5.0	89	102	13.6	94	95	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	108	119	9.7	111	113	1.8	70 - 130	30	
Ethylbenzene	ND	1.0	96	108	11.8	88	90	2.2	70 - 130	30	
Hexachlorobutadiene	ND	5.0	112	124	10.2	38	44	14.6	70 - 130	30	m
Isopropylbenzene	ND	1.0	103	114	10.1	88	90	2.2	70 - 130	30	
m&p-Xylene	ND	2.0	99	111	11.4	89	91	2.2	70 - 130	30	
Methyl ethyl ketone	ND	5.0	68	81	17.4	68	71	4.3	70 - 130	30	l,m
Methyl t-butyl ether (MTBE)	ND	1.0	81	95	15.9	93	93	0.0	70 - 130	30	
Methylene chloride	ND	5.0	70	80	13.3	84	82	2.4	70 - 130	30	
Naphthalene	ND	5.0	116	135	15.1	84	78	7.4	70 - 130	30	l
n-Butylbenzene	ND	1.0	104	115	10.0	55	61	10.3	70 - 130	30	m
n-Propylbenzene	ND	1.0	101	112	10.3	77	80	3.8	70 - 130	30	
o-Xylene	ND	2.0	100	115	14.0	93	95	2.1	70 - 130	30	
p-Isopropyltoluene	ND	1.0	106	118	10.7	69	74	7.0	70 - 130	30	m
sec-Butylbenzene	ND	1.0	100	111	10.4	64	69	7.5	70 - 130	30	m
Styrene	ND	5.0	101	116	13.8	90	91	1.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	100	113	12.2	76	80	5.1	70 - 130	30	
Tetrachloroethene	ND	5.0	104	115	10.0	110	113	2.7	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	75	88	16.0	81	81	0.0	70 - 130	30	
Toluene	ND	1.0	91	102	11.4	91	93	2.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	85	97	13.2	87	89	2.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	95	109	13.7	96	97	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	94	109	14.8	92	93	1.1	70 - 130	30	
Trichloroethene	ND	5.0	95	106	10.9	96	98	2.1	70 - 130	30	
Trichlorofluoromethane	ND	5.0	90	99	9.5	90	91	1.1	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	95	106	10.9	92	94	2.2	70 - 130	30	
Vinyl chloride	ND	5.0	84	94	11.2	89	90	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	98	98	0.0	98	97	1.0	70 - 130	30	
% Bromofluorobenzene	94	%	101	101	0.0	98	99	1.0	70 - 130	30	
% Dibromofluoromethane	105	%	104	105	1.0	104	102	1.9	70 - 130	30	
% Toluene-d8	98	%	100	100	0.0	100	100	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 609338H (ug/kg), QC Sample No: CK20126 50X (CK20123 (50X) , CK20127 (50X))

Volatiles - Soil (High Level)

Tetrachloroethene	ND	250	130	132	1.5	123	132	7.1	70 - 130	30	l,m
% 1,2-dichlorobenzene-d4	100	%	98	98	0.0	98	97	1.0	70 - 130	30	
% Bromofluorobenzene	94	%	100	100	0.0	100	99	1.0	70 - 130	30	
% Dibromofluoromethane	98	%	95	97	2.1	98	100	2.0	70 - 130	30	
% Toluene-d8	98	%	99	99	0.0	100	101	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 609130 (ug/kg), QC Sample No: CK20129 (CK20122, CK20123, CK20127, CK20128, CK20129, CK20130)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	103	108	4.7	93	94	1.1	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	97	102	5.0	92	90	2.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	91	95	4.3	80	81	1.2	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	95	101	6.1	86	87	1.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCK20122

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloroethane	ND	5.0	88	93	5.5	82	83	1.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	94	96	2.1	91	89	2.2	70 - 130	30	
1,1-Dichloropropene	ND	5.0	103	107	3.8	100	98	2.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	119	124	4.1	99	94	5.2	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	90	94	4.3	80	79	1.3	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	127	131	3.1	104	95	9.0	70 - 130	30	l
1,2,4-Trimethylbenzene	ND	1.0	108	112	3.6	100	97	3.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	105	108	2.8	87	88	1.1	70 - 130	30	
1,2-Dibromoethane	ND	5.0	100	105	4.9	87	88	1.1	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	101	105	3.9	88	86	2.3	70 - 130	30	
1,2-Dichloroethane	ND	5.0	97	101	4.0	80	81	1.2	70 - 130	30	
1,2-Dichloropropane	ND	5.0	88	92	4.4	82	82	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	107	111	3.7	101	100	1.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	109	112	2.7	95	92	3.2	70 - 130	30	
1,3-Dichloropropane	ND	5.0	96	101	5.1	84	86	2.4	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	105	108	2.8	91	88	3.4	70 - 130	30	
2,2-Dichloropropane	ND	5.0	100	105	4.9	92	91	1.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	105	109	3.7	99	97	2.0	70 - 130	30	
2-Hexanone	ND	25	90	94	4.3	75	76	1.3	70 - 130	30	
2-Isopropyltoluene	ND	5.0	107	111	3.7	101	100	1.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	106	111	4.6	97	95	2.1	70 - 130	30	
4-Methyl-2-pentanone	ND	25	89	94	5.5	77	79	2.6	70 - 130	30	
Acetone	ND	10	75	75	0.0	53	56	5.5	70 - 130	30	m
Acrylonitrile	ND	5.0	82	86	4.8	66	68	3.0	70 - 130	30	m
Benzene	ND	1.0	95	100	5.1	91	91	0.0	70 - 130	30	
Bromobenzene	ND	5.0	101	106	4.8	93	93	0.0	70 - 130	30	
Bromochloromethane	ND	5.0	97	101	4.0	85	86	1.2	70 - 130	30	
Bromodichloromethane	ND	5.0	97	101	4.0	85	85	0.0	70 - 130	30	
Bromoform	ND	5.0	108	113	4.5	89	92	3.3	70 - 130	30	
Bromomethane	ND	5.0	96	103	7.0	100	98	2.0	70 - 130	30	
Carbon Disulfide	ND	5.0	91	94	3.2	87	86	1.2	70 - 130	30	
Carbon tetrachloride	ND	5.0	100	104	3.9	92	92	0.0	70 - 130	30	
Chlorobenzene	ND	5.0	100	105	4.9	92	93	1.1	70 - 130	30	
Chloroethane	ND	5.0	86	92	6.7	84	86	2.4	70 - 130	30	
Chloroform	ND	5.0	92	97	5.3	83	84	1.2	70 - 130	30	
Chloromethane	ND	5.0	84	86	2.4	81	82	1.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	93	97	4.2	87	87	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	99	105	5.9	87	90	3.4	70 - 130	30	
Dibromochloromethane	ND	3.0	104	109	4.7	89	91	2.2	70 - 130	30	
Dibromomethane	ND	5.0	97	101	4.0	82	85	3.6	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	112	118	5.2	120	119	0.8	70 - 130	30	
Ethylbenzene	ND	1.0	102	107	4.8	98	97	1.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	121	124	2.4	114	108	5.4	70 - 130	30	
Isopropylbenzene	ND	1.0	107	112	4.6	107	106	0.9	70 - 130	30	
m&p-Xylene	ND	2.0	106	109	2.8	100	99	1.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	75	78	3.9	59	61	3.3	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	87	92	5.6	77	78	1.3	70 - 130	30	
Methylene chloride	ND	5.0	74	79	6.5	74	76	2.7	70 - 130	30	
Naphthalene	ND	5.0	119	128	7.3	103	102	1.0	70 - 130	30	
n-Butylbenzene	ND	1.0	115	118	2.6	105	98	6.9	70 - 130	30	
n-Propylbenzene	ND	1.0	107	111	3.7	103	101	2.0	70 - 130	30	
o-Xylene	ND	2.0	107	111	3.7	101	101	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	115	118	2.6	108	104	3.8	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
sec-Butylbenzene	ND	1.0	107	111	3.7	104	102	1.9	70 - 130	30	
Styrene	ND	5.0	107	112	4.6	98	97	1.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	107	112	4.6	105	104	1.0	70 - 130	30	
Tetrachloroethene	ND	5.0	112	115	2.6	113	108	4.5	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	80	83	3.7	67	70	4.4	70 - 130	30	m
Toluene	ND	1.0	96	101	5.1	94	93	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	91	96	5.3	88	87	1.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	102	108	5.7	88	90	2.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	100	104	3.9	81	83	2.4	70 - 130	30	
Trichloroethene	ND	5.0	104	108	3.8	99	98	1.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	105	108	2.8	95	95	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	106	109	2.8	103	103	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	90	93	3.3	90	90	0.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	98	98	0.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	94	%	102	101	1.0	99	101	2.0	70 - 130	30	
% Dibromofluoromethane	104	%	105	104	1.0	103	104	1.0	70 - 130	30	
% Toluene-d8	98	%	99	100	1.0	100	101	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 609130H (ug/kg), QC Sample No: CK20129 50X (CK20124 (50X) , CK20125 (50X) , CK20131 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	120	116	3.4	114	116	1.7	70 - 130	30	
1,1,1-Trichloroethane	ND	250	107	104	2.8	104	105	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	250	108	105	2.8	105	108	2.8	70 - 130	30	
1,1,2-Trichloroethane	ND	250	108	105	2.8	108	108	0.0	70 - 130	30	
1,1-Dichloroethane	ND	250	99	95	4.1	96	99	3.1	70 - 130	30	
1,1-Dichloroethene	ND	250	77	74	4.0	84	81	3.6	70 - 130	30	
1,1-Dichloropropene	ND	250	116	115	0.9	116	117	0.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	250	142	142	0.0	130	139	6.7	70 - 130	30	l,m
1,2,3-Trichloropropane	ND	250	109	108	0.9	108	112	3.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	250	155	153	1.3	141	149	5.5	70 - 130	30	l,m
1,2,4-Trimethylbenzene	ND	250	126	123	2.4	122	126	3.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	250	122	120	1.7	117	126	7.4	70 - 130	30	
1,2-Dibromoethane	ND	250	117	114	2.6	113	116	2.6	70 - 130	30	
1,2-Dichlorobenzene	ND	250	119	116	2.6	113	119	5.2	70 - 130	30	
1,2-Dichloroethane	ND	250	105	102	2.9	101	102	1.0	70 - 130	30	
1,2-Dichloropropane	ND	250	99	98	1.0	100	102	2.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	250	125	123	1.6	122	126	3.2	70 - 130	30	
1,3-Dichlorobenzene	ND	250	128	125	2.4	121	126	4.0	70 - 130	30	
1,3-Dichloropropane	ND	250	113	110	2.7	109	111	1.8	70 - 130	30	
1,4-Dichlorobenzene	ND	250	124	121	2.4	117	123	5.0	70 - 130	30	
2,2-Dichloropropane	ND	250	110	106	3.7	104	107	2.8	70 - 130	30	
2-Chlorotoluene	ND	250	124	122	1.6	121	124	2.4	70 - 130	30	
2-Hexanone	ND	1300	109	105	3.7	105	107	1.9	70 - 130	30	
2-Isopropyltoluene	ND	250	125	122	2.4	121	125	3.3	70 - 130	30	
4-Chlorotoluene	ND	250	126	124	1.6	121	126	4.0	70 - 130	30	
4-Methyl-2-pentanone	ND	1300	101	98	3.0	102	103	1.0	70 - 130	30	
Acetone	ND	500	69	63	9.1	67	66	1.5	70 - 130	30	l,m
Acrylonitrile	ND	250	92	89	3.3	92	93	1.1	70 - 130	30	
Benzene	ND	250	108	107	0.9	109	111	1.8	70 - 130	30	
Bromobenzene	ND	250	120	120	0.0	119	122	2.5	70 - 130	30	

QA/QC Data

SDG I.D.: GCK20122

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromochloromethane	ND	250	105	103	1.9	103	107	3.8	70 - 130	30	
Bromodichloromethane	ND	250	105	103	1.9	102	105	2.9	70 - 130	30	
Bromoform	ND	250	123	117	5.0	114	118	3.4	70 - 130	30	
Bromomethane	ND	250	70	68	2.9	70	76	8.2	70 - 130	30	l
Carbon Disulfide	ND	250	71	68	4.3	78	77	1.3	70 - 130	30	l
Carbon tetrachloride	ND	250	108	104	3.8	102	105	2.9	70 - 130	30	
Chlorobenzene	ND	250	119	116	2.6	114	118	3.4	70 - 130	30	
Chloroethane	ND	250	31	30	3.3	32	32	0.0	70 - 130	30	l,m
Chloroform	ND	250	103	99	4.0	99	101	2.0	70 - 130	30	
Chloromethane	ND	250	96	91	5.3	95	98	3.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	105	102	2.9	103	106	2.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	111	109	1.8	109	111	1.8	70 - 130	30	
Dibromochloromethane	ND	150	118	115	2.6	114	116	1.7	70 - 130	30	
Dibromomethane	ND	250	107	104	2.8	104	106	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	250	127	120	5.7	127	131	3.1	70 - 130	30	m
Ethylbenzene	ND	250	121	119	1.7	118	121	2.5	70 - 130	30	
Hexachlorobutadiene	ND	250	148	144	2.7	141	146	3.5	70 - 130	30	l,m
Isopropylbenzene	ND	250	128	126	1.6	127	131	3.1	70 - 130	30	m
m&p-Xylene	ND	250	125	122	2.4	122	124	1.6	70 - 130	30	
Methyl ethyl ketone	ND	250	85	78	8.6	81	81	0.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	98	96	2.1	97	100	3.0	70 - 130	30	
Methylene chloride	ND	250	79	76	3.9	79	81	2.5	70 - 130	30	
Naphthalene	ND	250	146	145	0.7	140	151	7.6	70 - 130	30	l,m
n-Butylbenzene	ND	250	134	130	3.0	125	128	2.4	70 - 130	30	l
n-Propylbenzene	ND	250	127	124	2.4	123	127	3.2	70 - 130	30	
o-Xylene	ND	250	127	124	2.4	123	127	3.2	70 - 130	30	
p-Isopropyltoluene	ND	250	134	131	2.3	128	133	3.8	70 - 130	30	l,m
sec-Butylbenzene	ND	250	125	123	1.6	122	127	4.0	70 - 130	30	
Styrene	ND	250	128	125	2.4	124	127	2.4	70 - 130	30	
tert-Butylbenzene	ND	250	126	124	1.6	124	127	2.4	70 - 130	30	
Tetrachloroethene	ND	250	128	127	0.8	128	130	1.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	250	99	90	9.5	93	93	0.0	70 - 130	30	
Toluene	ND	250	110	109	0.9	110	112	1.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	250	103	100	3.0	101	104	2.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	250	114	111	2.7	110	112	1.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	117	113	3.5	110	113	2.7	70 - 130	30	
Trichloroethene	ND	250	118	116	1.7	117	119	1.7	70 - 130	30	
Trichlorofluoromethane	ND	250	26	25	3.9	26	26	0.0	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	250	94	89	5.5	99	98	1.0	70 - 130	30	
Vinyl chloride	ND	250	98	93	5.2	99	102	3.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	97	97	0.0	97	98	1.0	70 - 130	30	
% Bromofluorobenzene	94	%	102	101	1.0	99	99	0.0	70 - 130	30	
% Dibromofluoromethane	100	%	100	99	1.0	99	98	1.0	70 - 130	30	
% Toluene-d8	98	%	99	99	0.0	100	99	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 609485H (ug/kg), QC Sample No: CK21362 50X (CK20125 (500X))

Volatiles - Soil (High Level)

Tetrachloroethene	ND	250	131	128	2.3	128	130	1.6	70 - 130	30	l
% 1,2-dichlorobenzene-d4	99	%	99	97	2.0	97	98	1.0	70 - 130	30	
% Bromofluorobenzene	93	%	99	98	1.0	98	98	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCK20122

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Dibromofluoromethane	98	%		98	98	0.0	99	97	2.0	70 - 130	30
% Toluene-d8	96	%		98	98	0.0	100	98	2.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 26, 2022

Wednesday, January 26, 2022

Criteria: CT: GAM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCK20122 - BETA-CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK20123	$8260MAR	Tetrachloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	2500	320	100	100	ug/Kg
CK20124	$8260MAR	1,2-Dibromoethane	CT / RSR DEC I/C (mg/kg) / Volatiles	ND	140	67	67	ug/Kg
CK20124	$8260MAR	1,2-Dibromo-3-chloropropane	CT / RSR DEC RES (mg/kg) / APS Organics	ND	140	90	90	ug/Kg
CK20124	$8260MAR	1,2-Dibromoethane	CT / RSR DEC RES (mg/kg) / Volatiles	ND	140	7	7	ug/Kg
CK20124	$8260MAR	trans-1,3-Dichloropropene	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	140	10	10	ug/Kg
CK20124	$8260MAR	Tetrahydrofuran (THF)	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	360	80	80	ug/Kg
CK20124	$8260MAR	cis-1,3-Dichloropropene	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	140	10	10	ug/Kg
CK20124	$8260MAR	1,2-Dibromo-3-chloropropane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	140	5	5	ug/Kg
CK20124	$8260MAR	Bromomethane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	140	70	70	ug/Kg
CK20124	$8260MAR	Bromodichloromethane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	140	20	20	ug/Kg
CK20124	$8260MAR	Vinyl chloride	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	40	40	ug/Kg
CK20124	$8260MAR	1,1,1,2-Tetrachloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	20	20	ug/Kg
CK20124	$8260MAR	1,1,2-Trichloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	100	100	ug/Kg
CK20124	$8260MAR	1,2-Dibromoethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	10	10	ug/Kg
CK20124	$8260MAR	1,2-Dichloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	20	20	ug/Kg
CK20124	$8260MAR	Methylene chloride	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	360	100	100	ug/Kg
CK20124	$8260MAR	1,1,2,2-Tetrachloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	10	10	ug/Kg
CK20124	$8260MAR	1,2-Dichloropropane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	100	100	ug/Kg
CK20124	$8260MAR	Tetrachloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	100	100	ug/Kg
CK20124	$8260MAR	Dibromochloromethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	10	10	ug/Kg
CK20124	$8260MAR	Chloroform	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	120	120	ug/Kg
CK20124	$8260MAR	Carbon tetrachloride	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	100	100	ug/Kg
CK20124	$8260MAR	Bromoform	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	80	80	ug/Kg
CK20124	$8260MAR	Benzene	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	20	20	ug/Kg
CK20124	$8260MAR	Acrylonitrile	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	36	10	10	ug/Kg
CK20124	$8260MAR	Trichloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	140	100	100	ug/Kg
CK20125	$8260MAR	1,2-Dibromoethane	CT / RSR DEC I/C (mg/kg) / Volatiles	ND	160	67	67	ug/Kg
CK20125	$8260MAR	1,2-Dibromo-3-chloropropane	CT / RSR DEC RES (mg/kg) / APS Organics	ND	160	90	90	ug/Kg
CK20125	$8260MAR	1,2-Dibromoethane	CT / RSR DEC RES (mg/kg) / Volatiles	ND	160	7	7	ug/Kg
CK20125	$8260MAR	Tetrachloroethene	CT / RSR DEC RES (mg/kg) / Volatiles	57000	4100	12000	12000	ug/Kg
CK20125	$8260MAR	Bromodichloromethane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	160	20	20	ug/Kg
CK20125	$8260MAR	Bromomethane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	160	70	70	ug/Kg
CK20125	$8260MAR	trans-1,3-Dichloropropene	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	160	10	10	ug/Kg
CK20125	$8260MAR	cis-1,3-Dichloropropene	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	160	10	10	ug/Kg
CK20125	$8260MAR	Chloroethane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	160	150	150	ug/Kg
CK20125	$8260MAR	1,2-Dibromo-3-chloropropane	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	160	5	5	ug/Kg
CK20125	$8260MAR	Tetrahydrofuran (THF)	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	410	80	80	ug/Kg
CK20125	$8260MAR	1,1-Dichloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	140	140	ug/Kg
CK20125	$8260MAR	1,1,2,2-Tetrachloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	10	10	ug/Kg
CK20125	$8260MAR	1,2-Dichloropropane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	100	100	ug/Kg

Wednesday, January 26, 2022

Criteria: CT: GAM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCK20122 - BETA-CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK20125	$8260MAR	1,2-Dibromoethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	10	10	ug/Kg
CK20125	$8260MAR	Vinyl chloride	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	40	40	ug/Kg
CK20125	$8260MAR	1,2-Dichloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	20	20	ug/Kg
CK20125	$8260MAR	1,1,2-Trichloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	100	100	ug/Kg
CK20125	$8260MAR	Acrylonitrile	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	41	10	10	ug/Kg
CK20125	$8260MAR	Benzene	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	20	20	ug/Kg
CK20125	$8260MAR	Bromoform	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	80	80	ug/Kg
CK20125	$8260MAR	Carbon tetrachloride	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	100	100	ug/Kg
CK20125	$8260MAR	Chloroform	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	120	120	ug/Kg
CK20125	$8260MAR	Dibromochloromethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	10	10	ug/Kg
CK20125	$8260MAR	Methylene chloride	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	410	100	100	ug/Kg
CK20125	$8260MAR	Tetrachloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	57000	4100	100	100	ug/Kg
CK20125	$8260MAR	1,1,1,2-Tetrachloroethane	CT / RSR GA,GAA (mg/kg) / Volatiles	ND	160	20	20	ug/Kg
CK20125	$8260MAR	Trichloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	270	160	100	100	ug/Kg
CK20127	$8260MAR	Tetrachloroethene	CT / RSR GA,GAA (mg/kg) / Volatiles	2900	430	100	100	ug/Kg

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Beta Group

Project Location: 1355 MAIN ST HARTFORD ***Project Number:***

Laboratory Sample ID(s): CK20122-CK20131 ***Sampling Date(s):*** 1/19/2022

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8260

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 CT DEP 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 or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
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 ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☐ Yes ☑ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents 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 in the 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: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Wednesday, January 26, 2022

Name of Laboratory Phoenix Environmental Labs, Inc.

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

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

January 26, 2022

SDG I.D.: GCK20122

SDG Comments

Sample(s) required a dilution for Volatiles due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

VOA Narration

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January 26, 2022

SDG I.D.: GCK20122

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 609130 (Samples: CK20122, CK20123, CK20127, CK20128, CK20129, CK20130): -----

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (1,2,4-Trichlorobenzene)

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is likely. (Acetone, Acrylonitrile, Methyl ethyl ketone, Tetrahydrofuran (THF))

QC Batch 609130H: -----

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (n-Butylbenzene)

The LCS and/or the LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (Bromomethane, Carbon Disulfide)

The QC recoveries for one or more analytes is below the method criteria. A slight low bias is likely. (Acetone, Chloroethane, Trichlorofluoromethane)

The QC recovery for one or more analytes is above the upper range but were not reported in the sample(s), therefore no significant bias is suspected. (1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, Naphthalene, p-Isopropyltoluene)

QC Batch 609338 (Samples: CK20126): -----

The QC recoveries for one or more analytes is below the method criteria. A slight low bias is likely. (1,2,4-Trichlorobenzene, Acetone, Methyl ethyl ketone)

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (Naphthalene)

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is likely. (1,2,3-Trichlorobenzene, Hexachlorobutadiene, n-Butylbenzene, p-Isopropyltoluene, sec-Butylbenzene)

QC Batch 609338H: -----

The QC recovery for one or more analytes is above the upper range, therefore a slight high bias is possible. (Tetrachloroethene)

QC Batch 609485H: -----

The LCS and/or the LCSD recovery is above the upper range, therefore a slight high bias is possible. (Tetrachloroethene)

Instrument:

CHEM03 01/20/22-2 Jane Li, Chemist 01/20/22

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RCP Certification Report

January 26, 2022

SDG I.D.: GCK20122

VOA Narration

CK20122 (1X), CK20123 (1X), CK20124 (50X), CK20125 (50X), CK20127 (1X), CK20128 (1X), CK20129 (1X, 50X), CK20130 (1X), CK20131 (50X)

Initial Calibration Evaluation (CHEM03/VT-L011022P):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 25% (20%), Chloroethane 21% (20%), Methylene chloride 25% (20%), Naphthalene 22% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.067 (0.1), Tetrachloroethene 0.157 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM03/0120_12-VT-L011022P):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.049 (0.05)

CHEM03 01/21/22-1 Jane Li, Chemist 01/21/22

CK20123 (50X), CK20126 (1X, 50X), CK20127 (50X)

Initial Calibration Evaluation (CHEM03/VT-L011022P):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 25% (20%), Chloroethane 21% (20%), Methylene chloride 25% (20%), Naphthalene 22% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.067 (0.1), Tetrachloroethene 0.157 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM03/0121_02-VT-L011022P):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Acetone 34%L (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.044 (0.05)

CHEM03 01/24/22-1 Jane Li, Chemist 01/24/22

CK20125 (500X)

Initial Calibration Evaluation (CHEM03/VT-L011022P):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet Table 4 recommended minimum response factors: Tetrachloroethene 0.157 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM03/0124_02-VT-L011022P):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

January 26, 2022

SDG I.D.: GCK20122

VOA Narration

QC (Batch Specific):

Batch 609485H (CK21362) CHEM03 1/24/2022-1

CK20125(500X)

All LCS recoveries were within 70 - 130 with the following exceptions: Tetrachloroethene(131%)
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QC (Site Specific):

Batch 609130 (CK20129) CHEM03 1/20/2022-2

CK20122(1X), CK20123(1X), CK20127(1X), CK20128(1X), CK20129(1X), CK20130(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(131%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: Acetone(53%), Acrylonitrile(66%), Methyl ethyl ketone(59%), Tetrahydrofuran (THF)(67%)
All MSD recoveries were within 70 - 130 with the following exceptions: Acetone(56%), Acrylonitrile(68%), Methyl ethyl ketone(61%)
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 609130H (CK20129) CHEM03 1/20/2022-2

CK20124(50X), CK20125(50X), CK20131(50X)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(142%), 1,2,4-Trichlorobenzene(155%), Acetone(69%), Chloroethane(31%), Hexachlorobutadiene(148%), Naphthalene(146%), n-Butylbenzene(134%), p-Isopropyltoluene(134%), Trichlorofluoromethane(26%)
All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(142%), 1,2,4-Trichlorobenzene(153%), Acetone(63%), Bromomethane(68%), Carbon Disulfide(68%), Chloroethane(30%), Hexachlorobutadiene(144%), Naphthalene(145%), p-Isopropyltoluene(131%), Trichlorofluoromethane(25%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(141%), Acetone(67%), Chloroethane(32%), Hexachlorobutadiene(141%), Naphthalene(140%), Trichlorofluoromethane(26%)
All MSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(139%), 1,2,4-Trichlorobenzene(149%), Acetone(66%), Chloroethane(32%), Dichlorodifluoromethane(131%), Hexachlorobutadiene(146%), Isopropylbenzene(131%), Naphthalene(151%), p-Isopropyltoluene(133%), Trichlorofluoromethane(26%)
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 609338 (CK20126) CHEM03 1/21/2022-1

CK20126(1X)

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NY # 11301

RCP Certification Report

January 26, 2022

SDG I.D.: GCK20122

VOA Narration

All LCS recoveries were within 70 - 130 with the following exceptions: Acetone(66%), Methyl ethyl ketone(68%)
All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(135%), Naphthalene(135%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(56%), 1,2,4-Trichlorobenzene(60%), Acetone(63%), Hexachlorobutadiene(38%), Methyl ethyl ketone(68%), n-Butylbenzene(55%), p-Isopropyltoluene(69%), sec-Butylbenzene(64%)
All MSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(53%), 1,2,4-Trichlorobenzene(59%), Acetone(65%), Hexachlorobutadiene(44%), n-Butylbenzene(61%), sec-Butylbenzene(69%)
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 609338H (CK20126) CHEM03 1/21/2022-1

CK20123(50X), CK20127(50X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: Tetrachloroethene(132%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: None.
All MSD recoveries were within 70 - 130 with the following exceptions: Tetrachloroethene(132%)
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 2.0C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.0°C Pg of

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone: CHorin@Beta-inc.com
[X] Email: RSmith@Beta-inc.com

Customer: BETA Chicopee
Address: 1 Springfield St
Chicopee, MA

Project: 1355 Main St Hartford
Report to: Rob Smith, Chanler Horin
Invoice to: Rob Smith, Chanler Horin
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 1/20/22

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	Percent Solids	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
20122	SB-101 (6.2)	S	1/19	0915	X	X			3	1								
20123	SB-101 (16.5)	S	1/19	0920	X	X			3	1								
20124	SB-102 (8)	S	1/19	1000	X	X			3	1								
20125	SB-102 (16)	S	1/19	1005	X	X			3	1								
20126	SB-103 (1.5)	S	1/19	1115	X	X			3	1								
20127	SB-107 (25)	S	1/19	1200	X	X			3	1								
20128	SB-105 (20)	S	1/19	1315	X	X			3	1								
20129	SB-104 (3.5)	S	1/19	1430	X	X			3	1								
20130	TB 012920222 L		1/19	0730	X				3									
20131	TB High																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	ST	1/20/22	1300
ST	[signature]	1/20/22	14:22

Comments, Special Requirements or Regulations:

Additional Pollutant criteria

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] Standard
[ ] Other
* SURCHARGE APPLIES

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[X] RCP Cert
[ ] GW Protection
[ ] SW Protection
[ ] GA Mobility
[X] GB Mobility
[X] Residential DEC
[X] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[X] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[X] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2A31025
Client Project: 1355 Main St, Hartford

Report Date: 07-February-2022

Prepared for:

Rob Smith
BETA Group
315 Norwood Park South
Norwood, MA 02062

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 01/31/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2A31025. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2A31025-01	AS-1	Air	01/26/2022	01/31/2022
2A31025-02	AS-2	Air	01/26/2022	01/31/2022
2A31025-03	AS-3	Air	01/26/2022	01/31/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

AS-1 (Lab Number: 2A31025-01)

Analysis	Method
Toxic Organics in Air (Residential)	TO-15-Residential

AS-2 (Lab Number: 2A31025-02)

Analysis	Method
Toxic Organics in Air (Residential)	TO-15-Residential

AS-3 (Lab Number: 2A31025-03)

Analysis	Method
Toxic Organics in Air (Residential)	TO-15-Residential

Method References

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b), USEPA, 1999

Case Narrative

CASE NARRATIVE:

Sample Receipt:

The samples were received in the appropriate containers. The chain of custody was adequately completed and corresponded to the samples submitted.

TO-15:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control samples were within method specified quality control criteria.

Sample Canister Summary:

Sample ID: AS-1
Canister ID 1711
Flow Controller ID 0222/ 24 Hours
Flow Controller RPD <20% Yes
Collection Time 23 Hours 30 Minutes
Initial Laboratory Vacuum <-28"Hg
Initial Field Vacuum -28"Hg
Final Field Vacuum -0.5"Hg
Final Laboratory Vacuum -0.8"Hg

Sample ID: AS-2
Canister ID 8718
Flow Controller ID 0360/ 24 Hours
Flow Controller RPD <20% Yes
Collection Time 23 Hours 30 Minutes
Initial Laboratory Vacuum <-28"Hg
Initial Field Vacuum -28"Hg
Final Field Vacuum -2.5"Hg
Final Laboratory Vacuum -1.7"Hg

Sample ID: AS-3
Canister ID 4809
Flow Controller ID 0359/ 24 Hours
Flow Controller RPD <20% Yes
Collection Time 23 Hours 30 Minutes
Initial Laboratory Vacuum <-28"Hg
Initial Field Vacuum -28"Hg
Final Field Vacuum -0.1"Hg
Final Laboratory Vacuum -3.5"Hg

Analytical Results:
AIR-TO-15-Residential

Sample: 2A31025-01, AS-1 **Date Sampled: 01/26/22**

Analyte	CASNumber	Result ppb(v/v)	Result ug/m^3	MRL ppb(v/v)	MRL ug/m^3	Date Analyzed
Propylene	115-07-1	**1.20**	**2.1**	0.500	0.86	02/02/22
Dichlorodifluoromethane	75-71-8	ND	ND	0.500	2.5	02/02/22
Chloromethane	74-87-3	ND	ND	0.500	1.0	02/02/22
Freon-114	76-14-2	ND	ND	0.500	3.5	02/02/22
Vinyl Chloride	75-01-4	ND	ND	0.100	0.26	02/02/22
1,3-Butadiene	106-99-0	ND	ND	0.500	1.1	02/02/22
Bromomethane	74-83-9	ND	ND	0.150	0.58	02/02/22
Trichlorofluoromethane	75-69-4	**0.700**	**3.9**	0.500	2.8	02/02/22
Chloroethane	75-00-3	ND	ND	0.500	1.3	02/02/22
Ethanol	64-17-5	**4.02**	**7.6**	1.00	1.9	02/02/22
Acetone	67-64-1	**1.79**	**4.3**	1.00	2.4	02/02/22
Isopropyl alcohol	67-63-0	ND	ND	1.00	2.5	02/02/22
1,1-Dichloroethene	75-35-4	ND	ND	0.200	0.79	02/02/22
Methylene chloride	75-09-2	ND	ND	5.00	17	02/02/22
Freon-113	76-13-1	ND	ND	0.500	3.8	02/02/22
Methyl t-butyl ether (MTBE)	1634-04-4	ND	ND	0.500	1.8	02/02/22
Carbon Disulfide	75-15-0	ND	ND	0.500	1.6	02/02/22
trans-1,2-Dichloroethene	156-60-5	ND	ND	0.200	0.79	02/02/22
1,1-Dichloroethane	75-34-3	ND	ND	0.200	0.81	02/02/22
Vinyl acetate	108-05-4	ND	ND	0.500	1.8	02/02/22
2-Butanone	78-93-3	ND	ND	0.500	1.5	02/02/22
cis-1,2-Dichloroethene	156-59-2	ND	ND	0.200	0.79	02/02/22
Hexane	110-54-3	**1.48**	**5.2**	0.500	1.8	02/02/22
Chloroform	67-66-3	**0.370**	**1.8**	0.300	1.5	02/02/22
1,1,1-Trichloroethane	71-55-6	ND	ND	0.500	2.7	02/02/22
Carbon tetrachloride	56-23-5	ND	ND	0.086	0.54	02/02/22
Tetrahydrofuran	109-99-9	ND	ND	0.500	1.5	02/02/22
Benzene	71-43-2	ND	ND	0.500	1.6	02/02/22
1,2-Dichloroethane	107-06-02	ND	ND	0.025	0.10	02/02/22
Trichloroethene	79-01-6	ND	ND	0.075	0.40	02/02/22
Heptane	142-82-5	ND	ND	0.500	2.0	02/02/22
1,2-Dichloropropane	78-87-5	ND	ND	0.027	0.12	02/02/22
Bromodichloromethane	75-27-4	ND	ND	0.025	0.17	02/02/22
1,4-Dioxane	123-91-1	ND	ND	0.130	0.47	02/02/22
4-Methyl-2-pentanone	108-10-1	ND	ND	0.500	2.0	02/02/22
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.130	0.59	02/02/22
Toluene	108-88-3	ND	ND	0.500	1.9	02/02/22
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.500	2.3	02/02/22
1,1,2-Trichloroethane	79-00-5	ND	ND	0.027	0.15	02/02/22
1,2-Dibromoethane (EDB)	106-93-4	ND	ND	0.025	0.19	02/02/22
2-Hexanone	591-78-6	ND	ND	0.500	2.0	02/02/22
Tetrachloroethene	127-18-4	ND	ND	0.210	1.4	02/02/22
Chlorodibromomethane	124-48-1	ND	ND	0.025	0.21	02/02/22
Chlorobenzene	108-90-7	ND	ND	0.500	2.3	02/02/22
Ethylbenzene	100-41-4	ND	ND	0.500	2.2	02/02/22
m&p-Xylene	1330-20-7	ND	ND	1.00	4.3	02/02/22
o-Xylene	95-47-6	ND	ND	0.500	2.2	02/02/22
Styrene	100-42-5	ND	ND	0.320	1.4	02/02/22
Bromoform	75-25-2	ND	ND	0.200	2.1	02/02/22

Analytical Results:
AIR-TO-15-Residential (Continued)

Sample: 2A31025-01, AS-1 (Continued) **Date Sampled: 01/26/22**

Analyte	CASNumber	Result ppb(v/v)	Result ug/m^3	MRL ppb(v/v)	MRL ug/m^3	Date Analyzed
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.025	0.17	02/02/22
4-Ethyltoluene	622-96-8	ND	ND	0.500	2.5	02/02/22
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.500	2.5	02/02/22
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.500	2.5	02/02/22
Benzyl chloride	100-44-7	ND	ND	0.500	2.6	02/02/22
1,3-Dichlorobenzene	541-73-1	ND	ND	0.100	0.60	02/02/22
1,4-Dichlorobenzene	106-46-7	ND	ND	0.083	0.50	02/02/22
1,2-Dichlorobenzene	95-50-1	ND	ND	0.120	0.72	02/02/22
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.054	0.40	02/02/22
Hexachlorobutadiene	87-68-3	ND	ND	0.025	0.27	02/02/22
1,3-Dichloropropene (cis + trans)	542-75-6	ND	ND	0.500	2.3	02/02/22
Total xylenes	1330-20-7	ND	ND	0.500	2.2	02/02/22

Surrogate	Recovery, %	Recovery Limits
4-Bromofluorobenzene	94.0%	70-130

Analytical Results:
AIR-TO-15-Residential

Sample: 2A31025-02, AS-2 **Date Sampled: 01/26/22**

Analyte	CASNumber	Result ppb(v/v)	Result ug/m^3	MRL ppb(v/v)	MRL ug/m^3	Date Analyzed
Propylene	115-07-1	**1.13**	**1.9**	0.500	0.86	02/02/22
Dichlorodifluoromethane	75-71-8	ND	ND	0.500	2.5	02/02/22
Chloromethane	74-87-3	ND	ND	0.500	1.0	02/02/22
Freon-114	76-14-2	ND	ND	0.500	3.5	02/02/22
Vinyl Chloride	75-01-4	ND	ND	0.100	0.26	02/02/22
1,3-Butadiene	106-99-0	ND	ND	0.500	1.1	02/02/22
Bromomethane	74-83-9	ND	ND	0.150	0.58	02/02/22
Trichlorofluoromethane	75-69-4	**0.700**	**3.9**	0.500	2.8	02/02/22
Chloroethane	75-00-3	ND	ND	0.500	1.3	02/02/22
Ethanol	64-17-5	**6.97**	**13**	1.00	1.9	02/02/22
Acetone	67-64-1	**5.23**	**12**	1.00	2.4	02/02/22
Isopropyl alcohol	67-63-0	ND	ND	1.00	2.5	02/02/22
1,1-Dichloroethene	75-35-4	ND	ND	0.200	0.79	02/02/22
Methylene chloride	75-09-2	**16.6**	**58**	5.00	17	02/02/22
Freon-113	76-13-1	ND	ND	0.500	3.8	02/02/22
Methyl t-butyl ether (MTBE)	1634-04-4	ND	ND	0.500	1.8	02/02/22
Carbon Disulfide	75-15-0	ND	ND	0.500	1.6	02/02/22
trans-1,2-Dichloroethene	156-60-5	ND	ND	0.200	0.79	02/02/22
1,1-Dichloroethane	75-34-3	ND	ND	0.200	0.81	02/02/22
Vinyl acetate	108-05-4	ND	ND	0.500	1.8	02/02/22
2-Butanone	78-93-3	ND	ND	0.500	1.5	02/02/22
cis-1,2-Dichloroethene	156-59-2	ND	ND	0.200	0.79	02/02/22
Hexane	110-54-3	**17.1**	**60**	0.500	1.8	02/02/22
Chloroform	67-66-3	**1.62**	**7.9**	0.300	1.5	02/02/22
1,1,1-Trichloroethane	71-55-6	ND	ND	0.500	2.7	02/02/22
Carbon tetrachloride	56-23-5	ND	ND	0.086	0.54	02/02/22
Tetrahydrofuran	109-99-9	ND	ND	0.500	1.5	02/02/22
Benzene	71-43-2	ND	ND	0.500	1.6	02/02/22
1,2-Dichloroethane	107-06-02	ND	ND	0.025	0.10	02/02/22
Trichloroethene	79-01-6	ND	ND	0.075	0.40	02/02/22
Heptane	142-82-5	ND	ND	0.500	2.0	02/02/22
1,2-Dichloropropane	78-87-5	ND	ND	0.027	0.12	02/02/22
Bromodichloromethane	75-27-4	ND	ND	0.025	0.17	02/02/22
1,4-Dioxane	123-91-1	ND	ND	0.130	0.47	02/02/22
4-Methyl-2-pentanone	108-10-1	ND	ND	0.500	2.0	02/02/22
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.130	0.59	02/02/22
Toluene	108-88-3	ND	ND	0.500	1.9	02/02/22
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.500	2.3	02/02/22
1,1,2-Trichloroethane	79-00-5	ND	ND	0.027	0.15	02/02/22
1,2-Dibromoethane (EDB)	106-93-4	ND	ND	0.025	0.19	02/02/22
2-Hexanone	591-78-6	ND	ND	0.500	2.0	02/02/22
Tetrachloroethene	127-18-4	ND	ND	0.210	1.4	02/02/22
Chlorodibromomethane	124-48-1	ND	ND	0.025	0.21	02/02/22
Chlorobenzene	108-90-7	ND	ND	0.500	2.3	02/02/22
Ethylbenzene	100-41-4	ND	ND	0.500	2.2	02/02/22
m&p-Xylene	1330-20-7	ND	ND	1.00	4.3	02/02/22
o-Xylene	95-47-6	ND	ND	0.500	2.2	02/02/22
Styrene	100-42-5	ND	ND	0.320	1.4	02/02/22
Bromoform	75-25-2	ND	ND	0.200	2.1	02/02/22

Analytical Results:
AIR-TO-15-Residential (Continued)

Sample: 2A31025-02, AS-2 (Continued) **Date Sampled: 01/26/22**

Analyte	CASNumber	Result ppb(v/v)	Result ug/m^3	MRL ppb(v/v)	MRL ug/m^3	Date Analyzed
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.025	0.17	02/02/22
4-Ethyltoluene	622-96-8	ND	ND	0.500	2.5	02/02/22
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.500	2.5	02/02/22
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.500	2.5	02/02/22
Benzyl chloride	100-44-7	ND	ND	0.500	2.6	02/02/22
1,3-Dichlorobenzene	541-73-1	ND	ND	0.100	0.60	02/02/22
1,4-Dichlorobenzene	106-46-7	ND	ND	0.083	0.50	02/02/22
1,2-Dichlorobenzene	95-50-1	ND	ND	0.120	0.72	02/02/22
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.054	0.40	02/02/22
Hexachlorobutadiene	87-68-3	ND	ND	0.025	0.27	02/02/22
1,3-Dichloropropene (cis + trans)	542-75-6	ND	ND	0.500	2.3	02/02/22
Total xylenes	1330-20-7	ND	ND	0.500	2.2	02/02/22

Surrogate	Recovery, %	Recovery Limits
4-Bromofluorobenzene	95.4%	70-130

Analytical Results:
AIR-TO-15-Residential

Sample: 2A31025-03, AS-3 **Date Sampled: 01/26/22**

Analyte	CASNumber	Result ppb(v/v)	Result ug/m^3	MRL ppb(v/v)	MRL ug/m^3	Date Analyzed
Propylene	115-07-1	**1.15**	**2.0**	0.500	0.86	02/02/22
Dichlorodifluoromethane	75-71-8	ND	ND	0.500	2.5	02/02/22
Chloromethane	74-87-3	ND	ND	0.500	1.0	02/02/22
Freon-114	76-14-2	ND	ND	0.500	3.5	02/02/22
Vinyl Chloride	75-01-4	ND	ND	0.100	0.26	02/02/22
1,3-Butadiene	106-99-0	ND	ND	0.500	1.1	02/02/22
Bromomethane	74-83-9	ND	ND	0.150	0.58	02/02/22
Trichlorofluoromethane	75-69-4	ND	ND	0.500	2.8	02/02/22
Chloroethane	75-00-3	ND	ND	0.500	1.3	02/02/22
Ethanol	64-17-5	**10.0**	**19**	1.00	1.9	02/02/22
Acetone	67-64-1	**7.98**	**19**	1.00	2.4	02/02/22
Isopropyl alcohol	67-63-0	ND	ND	1.00	2.5	02/02/22
1,1-Dichloroethene	75-35-4	ND	ND	0.200	0.79	02/02/22
Methylene chloride	75-09-2	**27.8**	**97**	20.0	69	02/02/22
Freon-113	76-13-1	ND	ND	0.500	3.8	02/02/22
Methyl t-butyl ether (MTBE)	1634-04-4	ND	ND	0.500	1.8	02/02/22
Carbon Disulfide	75-15-0	ND	ND	0.500	1.6	02/02/22
trans-1,2-Dichloroethene	156-60-5	ND	ND	0.200	0.79	02/02/22
1,1-Dichloroethane	75-34-3	ND	ND	0.200	0.81	02/02/22
Vinyl acetate	108-05-4	ND	ND	0.500	1.8	02/02/22
2-Butanone	78-93-3	ND	ND	0.500	1.5	02/02/22
cis-1,2-Dichloroethene	156-59-2	ND	ND	0.200	0.79	02/02/22
Hexane	110-54-3	**26.6**	**94**	5.00	18	02/02/22
Chloroform	67-66-3	**2.71**	**13**	0.300	1.5	02/02/22
1,1,1-Trichloroethane	71-55-6	ND	ND	0.500	2.7	02/02/22
Carbon tetrachloride	56-23-5	ND	ND	0.086	0.54	02/02/22
Tetrahydrofuran	109-99-9	ND	ND	0.500	1.5	02/02/22
Benzene	71-43-2	ND	ND	0.500	1.6	02/02/22
1,2-Dichloroethane	107-06-02	ND	ND	0.025	0.10	02/02/22
Trichloroethene	79-01-6	ND	ND	0.075	0.40	02/02/22
Heptane	142-82-5	ND	ND	0.500	2.0	02/02/22
1,2-Dichloropropane	78-87-5	ND	ND	0.027	0.12	02/02/22
Bromodichloromethane	75-27-4	ND	ND	0.025	0.17	02/02/22
1,4-Dioxane	123-91-1	ND	ND	0.130	0.47	02/02/22
4-Methyl-2-pentanone	108-10-1	ND	ND	0.500	2.0	02/02/22
cis-1,3-Dichloropropene	10061-01-5	ND	ND	0.130	0.59	02/02/22
Toluene	108-88-3	ND	ND	0.500	1.9	02/02/22
trans-1,3-Dichloropropene	10061-02-6	ND	ND	0.500	2.3	02/02/22
1,1,2-Trichloroethane	79-00-5	ND	ND	0.027	0.15	02/02/22
1,2-Dibromoethane (EDB)	106-93-4	ND	ND	0.025	0.19	02/02/22
2-Hexanone	591-78-6	ND	ND	0.500	2.0	02/02/22
Tetrachloroethene	127-18-4	ND	ND	0.210	1.4	02/02/22
Chlorodibromomethane	124-48-1	ND	ND	0.025	0.21	02/02/22
Chlorobenzene	108-90-7	ND	ND	0.500	2.3	02/02/22
Ethylbenzene	100-41-4	ND	ND	0.500	2.2	02/02/22
m&p-Xylene	1330-20-7	ND	ND	1.00	4.3	02/02/22
o-Xylene	95-47-6	ND	ND	0.500	2.2	02/02/22
Styrene	100-42-5	ND	ND	0.320	1.4	02/02/22
Bromoform	75-25-2	ND	ND	0.200	2.1	02/02/22

Analytical Results:
AIR-TO-15-Residential (Continued)

Sample: 2A31025-03, AS-3 (Continued) **Date Sampled: 01/26/22**

Analyte	CASNumber	Result ppb(v/v)	Result ug/m^3	MRL ppb(v/v)	MRL ug/m^3	Date Analyzed
1,1,2,2-Tetrachloroethane	79-34-5	ND	ND	0.025	0.17	02/02/22
4-Ethyltoluene	622-96-8	ND	ND	0.500	2.5	02/02/22
1,3,5-Trimethylbenzene	108-67-8	ND	ND	0.500	2.5	02/02/22
1,2,4-Trimethylbenzene	95-63-6	ND	ND	0.500	2.5	02/02/22
Benzyl chloride	100-44-7	ND	ND	0.500	2.6	02/02/22
1,3-Dichlorobenzene	541-73-1	ND	ND	0.100	0.60	02/02/22
1,4-Dichlorobenzene	106-46-7	ND	ND	0.083	0.50	02/02/22
1,2-Dichlorobenzene	95-50-1	ND	ND	0.120	0.72	02/02/22
1,2,4-Trichlorobenzene	120-82-1	ND	ND	0.054	0.40	02/02/22
Hexachlorobutadiene	87-68-3	ND	ND	0.025	0.27	02/02/22
1,3-Dichloropropene (cis + trans)	542-75-6	ND	ND	0.500	2.3	02/02/22
Total xylenes	1330-20-7	ND	ND	0.500	2.2	02/02/22

Surrogate	Recovery, %	Recovery Limits
4-Bromofluorobenzene	93.0%	70-130

Quality Control

EPA TO-15 (Residential)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2B0080 - TO-15 Preparation										
Blank (B2B0080-BLK1)					Prepared & Analyzed: 02/02/22					
Propylene	ND		0.500	ppb (v/v)						
Dichlorodifluoromethane	ND		0.500	ppb (v/v)						
Chloromethane	ND		0.500	ppb (v/v)						
Freon-114	ND		0.500	ppb (v/v)						
Vinyl Chloride	ND		0.100	ppb (v/v)						
1,3-Butadiene	ND		0.500	ppb (v/v)						
Bromomethane	ND		0.150	ppb (v/v)						
Trichlorofluoromethane	ND		0.500	ppb (v/v)						
Chloroethane	ND		0.500	ppb (v/v)						
Ethanol	ND		1.00	ppb (v/v)						
Acetone	ND		1.00	ppb (v/v)						
Isopropyl alcohol	ND		1.00	ppb (v/v)						
1,1-Dichloroethene	ND		0.200	ppb (v/v)						
Methylene chloride	ND		5.00	ppb (v/v)						
Freon-113	ND		0.500	ppb (v/v)						
Methyl t-butyl ether (MTBE)	ND		0.500	ppb (v/v)						
Carbon Disulfide	ND		0.500	ppb (v/v)						
trans-1,2-Dichloroethene	ND		0.200	ppb (v/v)						
Vinyl acetate	ND		0.500	ppb (v/v)						
1,1-Dichloroethane	ND		0.200	ppb (v/v)						
2-Butanone	ND		0.500	ppb (v/v)						
cis-1,2-Dichloroethene	ND		0.200	ppb (v/v)						
Hexane	ND		0.500	ppb (v/v)						
Chloroform	ND		0.300	ppb (v/v)						
1,1,1-Trichloroethane	ND		0.500	ppb (v/v)						
Carbon tetrachloride	ND		0.086	ppb (v/v)						
Tetrahydrofuran	ND		0.500	ppb (v/v)						
Benzene	ND		0.500	ppb (v/v)						
1,2-Dichloroethane	ND		0.025	ppb (v/v)						
Trichloroethene	ND		0.075	ppb (v/v)						
Heptane	ND		0.500	ppb (v/v)						
1,2-Dichloropropane	ND		0.027	ppb (v/v)						
Bromodichloromethane	ND		0.025	ppb (v/v)						
1,4-Dioxane	ND		0.130	ppb (v/v)						
4-Methyl-2-pentanone	ND		0.500	ppb (v/v)						
cis-1,3-Dichloropropene	ND		0.130	ppb (v/v)						
Toluene	ND		0.500	ppb (v/v)						
trans-1,3-Dichloropropene	ND		0.500	ppb (v/v)						
1,1,2-Trichloroethane	ND		0.027	ppb (v/v)						
1,2-Dibromoethane (EDB)	ND		0.025	ppb (v/v)						
2-Hexanone	ND		0.500	ppb (v/v)						
Tetrachloroethene	ND		0.210	ppb (v/v)						
Chlorodibromomethane	ND		0.025	ppb (v/v)						
Chlorobenzene	ND		0.500	ppb (v/v)						
Ethylbenzene	ND		0.500	ppb (v/v)						
m&p-Xylene	ND		1.00	ppb (v/v)						
o-Xylene	ND		0.500	ppb (v/v)						
Styrene	ND		0.320	ppb (v/v)						
Bromoform	ND		0.200	ppb (v/v)						
1,1,2,2-Tetrachloroethane	ND		0.025	ppb (v/v)						
4-Ethyltoluene	ND		0.500	ppb (v/v)						
1,3,5-Trimethylbenzene	ND		0.500	ppb (v/v)						
1,2,4-Trimethylbenzene	ND		0.500	ppb (v/v)						
Benzyl chloride	ND		0.500	ppb (v/v)						

EPA TO-15 (Residential) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2B0080 - TO-15 Preparation (Continued)										
Blank (B2B0080-BLK1)					Prepared & Analyzed: 02/02/22					
1,3-Dichlorobenzene	ND		0.100	ppb (v/v)						
1,4-Dichlorobenzene	ND		0.083	ppb (v/v)						
1,2-Dichlorobenzene	ND		0.120	ppb (v/v)						
1,2,4-Trichlorobenzene	ND		0.054	ppb (v/v)						
Hexachlorobutadiene	ND		0.025	ppb (v/v)						
1,3-Dichloropropene (cis + trans)	ND		0.500	ppb (v/v)						
Total xylenes	ND		0.500	ppb (v/v)						
Surrogate: 4-Bromofluorobenzene			*4.66*	ppb (v/v)	*5.00*		*93.2*	*70-130*		
LCS (B2B0080-BS1)					Prepared & Analyzed: 02/02/22					
Propylene	4.70			ppb (v/v)	5.00		94.0	70-130		
Dichlorodifluoromethane	4.74			ppb (v/v)	5.00		94.8	70-130		
Chloromethane	3.97			ppb (v/v)	5.00		79.4	70-130		
Freon-114	4.63			ppb (v/v)	5.00		92.6	70-130		
Vinyl Chloride	4.65			ppb (v/v)	5.00		93.0	70-130		
1,3-Butadiene	4.15			ppb (v/v)	5.00		83.0	70-130		
Bromomethane	4.48			ppb (v/v)	5.00		89.6	70-130		
Trichlorofluoromethane	4.64			ppb (v/v)	5.00		92.8	70-130		
Chloroethane	4.25			ppb (v/v)	5.00		85.0	70-130		
Ethanol	4.21			ppb (v/v)	5.00		84.2	70-130		
Acetone	4.74			ppb (v/v)	5.00		94.8	70-130		
Isopropyl alcohol	4.98			ppb (v/v)	5.00		99.6	70-130		
1,1-Dichloroethene	4.61			ppb (v/v)	5.00		92.2	70-130		
Methylene chloride	5.43			ppb (v/v)	5.00		109	70-130		
Freon-113	4.59			ppb (v/v)	5.00		91.8	70-130		
Methyl t-butyl ether (MTBE)	4.78			ppb (v/v)	5.00		95.6	70-130		
Carbon Disulfide	4.55			ppb (v/v)	5.00		91.0	70-130		
trans-1,2-Dichloroethene	4.57			ppb (v/v)	5.00		91.4	70-130		
Vinyl acetate	3.70			ppb (v/v)	5.00		74.0	70-130		
1,1-Dichloroethane	4.48			ppb (v/v)	5.00		89.6	70-130		
2-Butanone	4.39			ppb (v/v)	5.00		87.8	70-130		
cis-1,2-Dichloroethene	4.63			ppb (v/v)	5.00		92.6	70-130		
Hexane	5.34			ppb (v/v)	5.00		107	70-130		
Chloroform	4.65			ppb (v/v)	5.00		93.0	70-130		
1,1,1-Trichloroethane	4.72			ppb (v/v)	5.00		94.4	70-130		
Carbon tetrachloride	4.42			ppb (v/v)	5.00		88.4	70-130		
Tetrahydrofuran	4.41			ppb (v/v)	5.00		88.2	70-130		
Benzene	4.54			ppb (v/v)	5.00		90.8	70-130		
1,2-Dichloroethane	4.58			ppb (v/v)	5.00		91.6	70-130		
Trichloroethene	4.72			ppb (v/v)	5.00		94.4	70-130		
Heptane	4.47			ppb (v/v)	5.00		89.4	70-130		
1,2-Dichloropropane	4.59			ppb (v/v)	5.00		91.8	70-130		
Bromodichloromethane	4.62			ppb (v/v)	5.00		92.4	70-130		
1,4-Dioxane	4.92			ppb (v/v)	5.00		98.4	70-130		
4-Methyl-2-pentanone	4.70			ppb (v/v)	5.00		94.0	70-130		
cis-1,3-Dichloropropene	4.95			ppb (v/v)	5.00		99.0	70-130		
Toluene	5.06			ppb (v/v)	5.00		101	70-130		
trans-1,3-Dichloropropene	5.00			ppb (v/v)	5.00		100	70-130		
1,1,2-Trichloroethane	4.90			ppb (v/v)	5.00		98.0	70-130		
1,2-Dibromoethane (EDB)	5.01			ppb (v/v)	5.00		100	70-130		
2-Hexanone	4.84			ppb (v/v)	5.00		96.8	70-130		
Tetrachloroethene	5.13			ppb (v/v)	5.00		103	70-130		
Chlorodibromomethane	4.60			ppb (v/v)	5.00		92.0	70-130		
Chlorobenzene	4.92			ppb (v/v)	5.00		98.4	70-130		
Ethylbenzene	5.13			ppb (v/v)	5.00		103	70-130		
m&p-Xylene	10.6			ppb (v/v)	10.0		106	70-130		
o-Xylene	5.28			ppb (v/v)	5.00		106	70-130		

Quality Control
(Continued)

EPA TO-15 (Residential) (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2B0080 - TO-15 Preparation (Continued)										
LCS (B2B0080-BS1)					Prepared & Analyzed: 02/02/22					
Styrene	5.31			ppb (v/v)	5.00		106	70-130		
Bromoform	4.10			ppb (v/v)	5.00		82.0	70-130		
1,1,2,2-Tetrachloroethane	4.87			ppb (v/v)	5.00		97.4	70-130		
4-Ethyltoluene	5.63			ppb (v/v)	5.00		113	70-130		
1,3,5-Trimethylbenzene	5.83			ppb (v/v)	5.00		117	70-130		
1,2,4-Trimethylbenzene	5.62			ppb (v/v)	5.00		112	70-130		
Benzyl chloride	4.65			ppb (v/v)	5.00		93.0	70-130		
1,3-Dichlorobenzene	5.23			ppb (v/v)	5.00		105	70-130		
1,4-Dichlorobenzene	5.20			ppb (v/v)	5.00		104	70-130		
1,2-Dichlorobenzene	5.24			ppb (v/v)	5.00		105	70-130		
1,2,4-Trichlorobenzene	5.23			ppb (v/v)	5.00		105	70-130		
Hexachlorobutadiene	5.73			ppb (v/v)	5.00		115	70-130		
Surrogate: 4-Bromofluorobenzene			*4.93*	ppb (v/v)	*5.00*		*98.6*	*70-130*		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory
59 Greenhill Street
West Warwick, RI 02893
1-888-863-8522

2 A 3 10251

Chain of Custody Record

Project No.	Project Name/Location: 1355 Main St, Hartford				Matrix					Tests**
Client: BETA of Chicopee										
Report To: RSmith@Beta-inc.com, Cflorian@Beta-inc.com										
Invoice To: RSmith										
Date	Time	Comp	Grab	Sample I.D.	Aqueous	Soil	Other AIR	No. of Containers	Preservative	TO-15 (24hr reg)
1/26/22	0900		X	AS-1			X	1		X
1/26/22	0900		X	AS-2			X	1		X
1/26/22	0900		X	AS-3			X	1		X

Sampled By:	Date/Time 1/26/22	Received By:	Date/Time 1/31 1405	Laboratory Remarks:	Special Instructions:
Relinquished By:	Date/Time 1/31 1555	Received By:	Date/Time 1/31 1555	Temp. Received: ON ICE U	

**Netlab Subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

Turnaround Time [Business Days]: **5 Days**

GF
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