

**Summary Report
Cleanup of PCB Remediation Waste Notification**

**Charlotte Smith Property
881 Main Street, Meddybemps, Maine**



Prepared for:

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Submitted: June 6, 2022
Revised June 24, 2022

CAMPBELL
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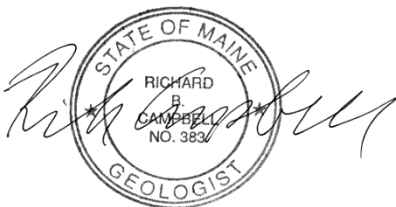
Re: Summary Report
Cleanup of PCB Remediation Waste
Charlotte Smith Property
Meddybemps, Maine

Dear Mr. Mayhew and Ms. Woodward:

Campbell Environmental Group, Inc. (CEG) has prepared this Summary Report to correspond with the Cleanup Notification, on behalf of the Maine Department of Environmental Protection (MEDEP) PCB Approval dated December 13, 2021.

If you have any questions or require additional information, please contact us at 207-253-1990.

Sincerely,

A circular professional seal for the State of Maine, Geologist. The seal contains the text "STATE OF MAINE" at the top, "RICHARD B. CAMPBELL" in the center, and "GEOLOGIST" at the bottom. The number "NO. 3837" is also visible. A handwritten signature in cursive is written over the seal.

Richard Campbell
Maine Licensed Geologist
President

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Executive Summary

Campbell Environmental Group, Inc. (CEG) on the behalf of the Maine Department of Environmental Protection (MEDEP) performed a Self-Implementing cleanup of polychlorinated biphenyls (PCBs) at the Charlotte Smith Property (Site) located at 881 Main Street, Meddybemps, Maine. CEG followed the work that was outlined in the Self-Implementing Notification Cleanup of PCB Remediation Waste that was approved by the MEDEP and the United States Environmental Protection Agency (USEPA) in correspondence titled, *PCB Cleanup and Disposal Approval under 40 CFR § 761.61(a) Charlotte Smith Property Meddybemps, Maine* and dated December 13, 2021.

The Site is a former residence which has been vacant and not utilized for approximately 20 years. The area is surrounded by residential property, the Dennys River and the Eastern Surplus Superfund Site. Low levels of PCB-impacted soil were discovered within the barn and near two former transformers located north of the residence.

CEG completed further characterization that was initially performed by the MEDEP. The CEG characterization consisted of a 10-foot grid surrounding the previously MEDEP identified PCB-impacted area. CEG collected approximately 117 characterization samples between September 17, 2021 through December 3, 2021 to complete the assessment of the lateral extent of PCB-impacted soils that were greater than 1 milligram per kilogram (mg/kg). Two samples were collected for waste profiling to allow for the soil to be accepted at the licensed Crossroads and Juniper Ridge waste disposal facilities. A non-porous wipe sample was also collected from the interior of each of the two on-site discarded transformers. No liquids were present within the transformers which were open to the elements.

Following the characterization of the PCB-impacted soil, remediation by excavation commenced. Immediately following the excavation, CEG collected confirmation samples on a 1.5-meter grid so that the soils would not freeze prior to collection. Approximately one foot of soil was removed to the extent of the samples exhibiting greater than 1 mg/kg PCBs. Excavation exceeded 1-foot thick in many areas due to the depth of frost at the time of excavation. The perimeter of this delineation for removal was estimated at 7,940 square feet. Excavation and disposal of PCB-impacted soil ended when the area was within the Toxic Substances Control Act (TSCA) high occupancy cleanup goal of 1 mg/kg. A total of 566.21 tons of soil classified as PCB Remediation Waste were transported to the licensed disposal facilities between January 20, 2022 and March 24, 2022. All soil analyzed contained PCB concentrations less than 50 mg/kg. The site restoration which consisted of providing an erosion control mix on the area that bordered the Dennys River, leveling the site, and applying four to six inches of loam and hay on the area where soil was disturbed was completed on May 25, 2022.

1.0 INTRODUCTION

1.1 Background

The Site is an approximately 0.7-acre parcel with an address of 881 Main Street and identified by the Town of Meddybemps's tax assessor as Map 12, Lot 9. The ownership of the property transferred from Charlotte Smith to her granddaughter, Dawn Smith, following her death in January 2000. The deed documenting the transfer is recorded in the Washington County Registry of Deeds: Book 2132, Page 138. Dawn Smith passed away in October of 2021 during the course of this work and the property is now managed by her relative, Chip Smith. The geographic coordinates for the approximate center of the property are latitude 45° 02'18.91" North, longitude 67°21'26.33" West.

The site is generally flat with the exception of an embankment which slopes toward the Dennys River. The parcel is bounded by Main Street (Route 191) to the south, by the Dennys River to the north and west, and by Lombard Road to the east. The area surrounding the Site is primarily residential or undeveloped. Homes in the area are serviced by private water supply wells. The Site had a water supply well located approximately 15 feet from the southeast corner of the house. The water supply well was not abandoned as part of this work. The closest occupied residence is approximately 600 feet southeast of the Site boundary.

The Dennys River which is adjacent to the Site is protected under the Clean Water Act. The Dennys River is one of the "Distinct Population Segments" for the Atlantic Salmon, which has been listed on the Federal Endangered Species list.

Under the Maine Department of Environmental Protection (MEDEP) *Designation of Uncontrolled Hazardous Substance Site CHARLOTTE SMITH PROPERTY SITE*, dated June 24, 2004, the geology of the Site consists of glacio-marine till of the Presumpscot Formation which is characterized by low permeability and poor drainage. The underlying bedrock is Devonian-age Meddybemps granite. The surficial tills at the site are relatively thin, and the relatively low relief of the area keeps the water table close to the surface. The groundwater flow is west-southwest of the Site.

1.2 Previous Site Assessments and Cleanup

The following text outlines the results of the historical environmental work that was available from documents provided by the MEDEP. It is not a complete history. Some sampling events and or summaries of work that detail removal of wastes were not available for review. This review, however, provides a representation of impacts of contaminants to the buildings and the soils outside of the buildings.

The Site is adjacent to the Eastern Surplus (Harry Smith) Superfund Site located northwest from the Site across the Dennys River. According to a Memorandum from Jean Firth of the MEDEP to Denny Harnish, Assistant Attorney General, dated February 3, 2004, "*in 2000 an Environmental Protection Agency (EPA) contractor working at the Eastern Surplus Site reported that there were drums of chemicals located in the basement of the Charlotte Smith residence.*" In January 2002, the EPA was granted permission to enter the basement of Charlotte Smith's residence accompanied by Harry Smith. EPA personnel noted drums

and containers of liquid chemicals. Some contents from labels were noted as petroleum products, fungicides, ketone, and perchloroethylene (PCE). EPA did not pursue removal of the chemicals at the time; however, in 2002 when MEDEP requested permission to access and remove the chemicals, they were denied permission by both Harry and Dawn Smith.

On June 3, 2004, MEDEP obtained a search warrant allowing access to the Charlotte Smith property. On June 8, 2004, MEDEP conducted an initial inventory of the site. According to a letter from Mark Hyland to Dawn Smith, dated June 15, 2004, MEDEP, "*revealed the presence of hazardous waste in the basement, in the barn/garage, in the bus and on the grounds of the site. The waste materials and their containers were found to be in generally poor condition, some of the containers having discharged their contents*". According to the MEDEP, more than 200 5-gallon containers of solvents including tetrachloroethylene (PCE) from the basement of the home were removed. The date of the removal was not specified.

In October 2004, Hank Andolsek, of the MEDEP, supervised and logged overburden soil and bedrock borings at the Site. The boring logs (CS-1A, CS-1B, CS-2A, CS-2B, and CS-3B) indicated approximately 20 feet of fill or clay existed over till until bedrock was encountered between 22 and 28 feet below grade.

On November 28, 2006, EPA On-Scene Coordinator AmyJean McKeown and Weston Solutions, Inc. which represented the Superfund Technical Assessment and Response Team (START) conducted a preliminary assessment of the Site. START collected 11 samples from concrete dust, soil gas and subsurface soil for on-site and off-site analysis of volatile organic compounds (VOCs). Most of the samples were collected from the house basement. In addition, four air samples were collected using Summa canisters from the basement of the building. With one ambient sample collected from outside the basement for VOC laboratory analysis. The results of the soil sampling indicated the presence of cis-1,2-dichloroethylene (cis-1,2-DCE), trichloroethylene (TCE), and tetrachloroethylene (PCE). The highest cis-1,2-DCE concentration was 340 parts per billion by volume (ppb/v). The highest TCE concentration was 1,940 ppb/v and the highest PCE concentration was 642,000 ppb/v. The results of the air samples collected from the Summa canisters indicated the presence of PCE at a highest concentration of 10,700 ppb/v. Cis-1,2-DCE and TCE were not detected in the Summa canister analytical testing. Field screening of the concrete dust samples indicated the presence of PCE. The highest concentration was 110,500 micrograms per kilogram (ug/kg). PCE was detected in all of the soil samples with the highest concentration being 2,300,000 ug/kg. Bromomethane was also detected in one subsurface sample at a concentration of 310 ug/kg.

On June 3, 2015, MEDEP conducted sampling at the Site. The purpose was to characterize the groundwater, soil, and soil gas/indoor air relative to the historical contaminants of concern for the purpose of identifying relative risk to future site occupants. Samples of groundwater, surface soil, sub-slab soil gas and indoor air were collected from the Site. Previous sampling of groundwater from the onsite monitoring wells indicates the presence of PCE. Sampling of site soils had previously shown isolated areas with VOC, PAH and PCB contamination. Seven shallow soil samples previously collected exceeded the PCBs Toxic Substances Control Act (TSCA) high occupancy cleanup values of >1 milligrams per kilogram (mg/kg). The concentrations exceeding this value ranged from 1.03 mg/kg in SS-104 to 10 mg/kg in SB-104. Two deeper samples (5 to 7 feet below grade) were also analyzed for PCBs in soil borings, but were below the instrument detection limit.

During the June 2015 sampling round, four monitoring wells (including the site water supply well) were sampled for VOCs. Groundwater sampling showed minimal impact from historical site practices. Chloromethane was the only compound detected at locations CS-1A, CS-2B, and Supply Well. Chloromethane and PCE were detected in the groundwater samples from monitoring well CS-1. The concentrations of all detected compounds in the groundwater samples were well below the associated MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances, dated May 10, 2013 (RAGS).

Surface soil samples were collected in June 2015 from four locations between the house and the barn located on the Site and two were collected from the dirt floor within the barn. All surface soil samples were tested for VOCs, semi-volatile organic compounds (SVOCs) and PCBs. Low level VOCs and SVOCs, primarily PAHs and bis(2-ethylhexyl) phthalate, were detected in the soil samples at concentrations below the associated RAG values. PCBs were detected at five locations (SS-101, SS-103, SS-104, SS-105, and SS-106) above the TSCA high occupancy cleanup values. The sample results and locations are included on **Figure 2**.

MEDEP also collected near surface soil samples for laboratory analysis of PCBs in 13 borings completed in the area where PCB-impacted soil was observed. The samples that exceeded 1 mg/kg of PCBs were in SB-104 at 1.03 mg/kg, SB-105 at 6.55 mg/kg, SB-106 at 1.28 mg/kg, SB-107 at 1.56 mg/kg, and SB-112 at 3.47 mg/kg. Two deeper soil samples collected at five to seven feet below grade from SB-104 and SB-111 were below 0.04 mg/kg for PCBs. The sample results are included on **Figure 2**.

Sub-slab soil gas and indoor air samples were collected in June 2015 from the on-site house. All samples were tested for VOCs. Two sub-slab soil gas samples (SG-101, SG-102) were collected from beneath the concrete basement floor. TCE and PCE were detected at both locations above the RAG values. Chloroform was detected in sample SG-102 at the residential RAG value. One indoor air sample was collected from the basement (Basement Ambient) and two indoor air samples were collected from the first floor living space (1st Floor Kitchen, 1st Floor Bedroom). Several VOCs were detected in the samples, including PCE which was detected in all three samples above the associated RAG value. Sample results show that, in isolated areas, soils at the Site remain impacted by historical poor housekeeping practices onsite. Surface soil in the area directly to the north of the house is contaminated with PCBs above regulatory guidelines. Sub-slab soil gas and indoor air sample results indicate that the soils underlying the house foundation floor are likely highly contaminated and are resulting in contaminated indoor air within the house.

1.3 Current and Future Use Of The Property

Currently, there are no activities occurring at the Site. The residential structure and barn were demolished and the wastes located within and below the residence were removed for off-site disposal to a licensed facility. Following demolition of the residence and environmental remediation, it is assumed the site will remain vacant with no future structure.

2.0 CHARACTERIZATION, EXCAVATION AND DISPOSAL, AND CONFIRMATION SAMPLING

2.1 Scope of Work

The work as detailed in the USEPA approved *PCB Cleanup and Disposal Approval under 40 CFR § 761.61(a), Charlotte Smith Property, Meddybemps, Maine*, dated December 13, 2021 was completed between September 2021 and May 2022 and consisted of the following general tasks:

- Further characterized areas of soil where the concentration of PCBs were greater than (>) 1 mg/kg for waste disposal evaluation. Soil samples were collected from approximately 0.5 to 1.0 feet below grade;
- Collected two soil samples for waste profiling to allow each licensed waste disposal facility to accept the waste into their respective facility.
- Removed and transported all soil that contained PCB concentrations of > 1 mg/kg but < 50 mg/kg to off-site licensed waste disposal facilities. This soil was managed as PCB remediation waste and characterized in accordance with Subpart O – Sampling to Verify Completion of Self-Implementing Cleanup and On-Site Disposal of Bulk PCB remediation waste and Porous Surfaces in Accordance With (§761.61 (a) (6)). Cleanup confirmation samples were sampled at 1.5-meter linear intervals using 9 discrete adjoining grid points that were composited for analysis by the laboratory to confirm cleanup effectiveness. Additional remediation by removal was required due to elevated PCB concentrations from some of the cleanup confirmation samples and an additional 1.5- meter grid sampling at a 1-meter offset from the impacted sample(s) was completed. This process continued until the PCB results were all less than or equal to 1 mg/kg;
- Removed and properly disposed of decontamination wastes, verified all excavation equipment was decontaminated prior to mobilizing off the site; and
- Prepared and submitted this post-remediation summary report detailing the procedures, results, and conclusions of activities performed in association with the USEPA approved December 13, 2021 notification.

2.2 Nature of Contamination

PCBs detected at the Site were likely related to an unauthorized release of transformer oil. MEDEP encountered dry soil at depths up to 22 feet below grade during the installation of monitoring wells conducted in 2004 and no groundwater issues were encountered during the remediation of the shallow PCB-impacted soil.

2.3 Laboratory Analysis

Sample containers were labeled with the sample identification, the date and time of collection, requested testing parameter(s), and Site location. Samples were submitted for analysis of PCBs in accordance with EPA extraction/analysis Method 3540C/8082. Wipe samples were analyzed in accordance with EPA Extraction/Analytical Method 3550/8082. Wipe samples were collected from non-porous surfaces of equipment used for remediation to demonstrate effective decontamination prior to allowing the equipment to be removed from the site.

The disposal facilities required a representative sample of the PCB remediation waste to be analyzed for various parameters prior to acceptance at the facility. The following parameters were analyzed by Katahdin Analytical Services for samples collected on October 5 and November 9, 2021:

- Volatile organic compounds (VOCs) by EPA Method SW846 8260B (VOC samples are not composited);
- Semi-volatile organic compounds (SVOCs) via SW846 Method 8270C;
- Eight total Resource Conservation and Recovery Act toxic metals (RCRA8) and total vanadium by EPA Method SW846 200.7 (total mercury by EPA Method 7471A);
- Toxicity characteristic leaching procedure (TCLP) extraction via EPA Method 1311, with extract analysis for SVOCs, RCRA 8 metals, pesticides by EPA Methods 8081A & herbicides by EPA Method 8151A;
- Flashpoint via EPA Method SW846 1010;
- Corrosivity (pH) by EPA Method SW846 9045C; and
- Cyanide & sulfide reactivity via EPA Method SW846 Ch. 7.3.

3.0 RESULTS

3.1 Site Characterization

Site characterization activities were focused on the area where PCBs were formerly detected by the MEDEP (**Figure 2**). The area surrounding the previously identified PCB-impacted area was characterized by CEG using a 10-foot grid. An initial grid centered near the proximity of the original MEDEP detected PCB concentrations was conducted on September 17, 2021. When these concentrations demonstrated additional PCB impacts that exceeded the TSCA 1 mg/kg *High Occupancy Use with No Land Use Restrictions*, additional sampling was conducted to determine the full extent of PCBs greater than 1 mg/kg. Five additional sampling events were necessary to fully characterize the area and these samplings took place on October 5, October 28, November 9, November 19, and December 3.

A separate grid was conducted in the interior of the barn's dirt floor which did not follow a magnetic north orientation due to structural restrictions within the barn that prevented the exterior grid to be effectively extended within the barn. In addition, the back portion of the barn (9 feet long by 20 feet across) was not sampled as it was constructed of a wooden floor office area and was not suspected to contain any activities where PCBs were handled or disposed. Approximately 117 characterization samples were collected between September 17, 2021 through December 3, 2021. Two samples were collected for waste profiling to allow for the soil to be accepted at the licensed waste disposal facilities. The waste profile analysis reports are included in **Appendix B**. The characterization sampling results are outlined in **Table 1** and the complete laboratory reports are included in **Appendix B**.

Table 1 Characterization Sampling			
Initial Sampling September 17, 2021			
Sample Identification	Aroclor 1260 mg/kg	Aroclor 1254 mg/kg	Total PCB mg/kg
F10	<0.15	< 0.15	<0.15
F20	<0.16	<0.16	<0.16
F40	<0.18	<0.18	<0.18
F50	< 0.18	<0.18	<0.18
H10	5.9	<0.19	5.9
H20	6.7	<0.23	6.7
H30	1.3	<0.17	1.3
H40	0.31	0.86	1.17
H50	0.21	<0.20	0.21
J10	23	<3.3	23 J*
J20	11	<0.78	11
J30	3.9	<0.15	3.9
J40	1.3	<0.16	1.3
J50	0.22	<0.15	0.22
L10	11	<0.81	11
L20	16	<1.8	16
L30	3.4	4	7.4
L40	1.1	3.3	4.4
L40 Dup	1.2	4.7	5.9
L50	1.1	0.75	1.85
N10	1.1	0.42	1.52
N20	3.7	<0.16	3.7
N30	0.2	<0.16	0.2
N40	0.36	1.2	1.56
F20 Dup	<0.15	<0.15	<0.15
N50	0.81	<0.16	0.81

Notes: J*-sample surrogate diluted out of calibration range

Second Round of Characterization Sampling			
October 5, 2021			
Sample Identification	Aroclor 1260 mg/kg	Aroclor 1254 mg/kg	Total PCB mg/kg
F0	0.57	<0.17	0.57
F0 Dup	0.73	<0.17	0.73
H0	4.1	<0.19	4.1
J0	5.8	<0.17	5.8
L0	3.8	1.2	5
N0	2.5	3.3	5.8
P0	0.26	<0.17	0.26
P10	0.19	<0.17	0.19
P20	2.5	1.5	4
P30	0.45	<0.18	0.45
P40	2.1	<0.18	2.1
P50	2.5	1.2	3.7
P60	0.2	<0.18	0.2
N60	<3.4	25	25 J*
L60	0.27	<0.17	0.27
J60	0.35	0.27	0.62
R60	1.3	<0.18	1.3
R50	<4.1	27	27 J*
B1	0.21	0.37	0.58
B2	0.41	0.26	0.67
B3	0.87	0.54	1.41
B4	0.69	0.31	1.0
B5	0.77	1.6	2.37
B6	<0.16	5.1	5.1
L60 Dup	0.19	<0.17	0.19

Notes: J*-sample surrogate diluted out of calibration range

Third Round of Characterization Sampling October 28, 2021			
Sample Identification	Aroclor 1260 mg/kg	Aroclor 1254 mg/kg	Total PCB mg/kg
L(10)	0.73	<0.19	0.73
N70	0.37	<0.17	0.37
N(10)	0.51	<0.16	0.51
J(10)	1.9	<0.17	1.9
P(10)	<0.19	<0.19	<0.19
H(10)	1.3	<0.17	1.3
F(10)	1.4	<0.21	1.4
L70	<0.20	<0.20	<0.20
P70	0.28	<0.17	0.28
P70 Dup	0.41	<0.22	0.41
R10	0.43	<0.18	0.43
T40	<0.22	<0.22	<0.22
N(20)	0.2	<0.16	0.2
L(20)	<0.18	<0.18	<0.18
J(20)	<0.18	<0.18	<0.18
H(20)	1.1	<0.21	1.1
F(20)	<0.18	<0.18	<0.18
F(20) Dup	1.5	<0.20	1.5
V30	<0.20	<0.20	<0.20
V40	<0.17	<0.17	<0.17
V50	<0.16	<0.16	<0.16
V60	<0.17	<0.17	<0.17
V70	<0.23	<0.23	<0.23
R80	3	<0.21	3
R40	0.27	<0.16	0.27
R70	3.4	<0.19	3.4
N80	0.27	<0.21	0.27
P80	<0.17	<0.17	<0.17
T70	<0.17	<0.17	<0.17
T60	0.57	0.52	1.09
T50	<0.20	0.53	0.53

Fourth Round of Characterization Sampling			
November 9, 2021			
Sample Identification	Aroclor 1260 mg/kg	Aroclor 1254 mg/kg	Total PCB mg/kg
U60	<0.21	0.26	0.26
U70	<0.19	<0.19	<0.19
U50	0.53	3.5	4.03
T70A	0.24	<0.18	0.24
T80A	0.67	<0.18	0.67
T85A	2.7	<0.18	2.7
R85	0.27	<0.19	0.27
R90	0.35	<0.17	0.35
P90	<0.17	<0.17	<0.17
K(10)	1.5	<0.19	1.5
K(10) Dup	1.7	<0.20	1.7
K(20)	1.5	<0.15	1.5
I(20)	<0.18	<0.18	<0.18
I(25)	<0.17	<0.17	<0.17
H(25)	<0.19	<0.19	<0.19
F(25)	3	<0.21	3
D(20)	2.2	<0.19	2.2
D(25)	0.63	<0.16	0.63
D0	0.2	<0.19	0.2
D(10)	0.42	<0.19	0.42
P85	<0.17	<0.17	<0.17
D(25) Dup	0.7	<0.16	0.7

Fifth Round of Characterization Sampling November 19, 2021			
Sample Identification	Aroclor 1260 mg/kg	Aroclor 1254 mg/kg	Total PCB mg/kg
B(10)	0.42	<0.20	0.42
B(20)	1.6	<0.21	1.6
B(20) Dup	1.5	<0.17	1.5
B(25)	<0.22	<0.22	<0.22
H(30)	<0.16	<0.16	<0.16
Z(10)	<0.15	<0.15	<0.15
Z(20)	0.66	<0.16	0.66
Z(25)	2.5	<0.20	2.5
F(30)	<0.22	<0.22	<0.22
T80	<0.16	<0.16	<0.16
T90A	0.56	<0.19	0.56
Sixth Round of Characterization Sampling December 3, 2021			
Sample Identification	Aroclor 1260 mg/kg	Aroclor 1254 mg/kg	Total PCB mg/kg
T85	0.29	<0.20	0.29
X(20)	0.19	<0.14	0.19
X(20) Dup	0.27	<0.18	0.27
X(25)	0.37	<0.16	0.37
X(30)	0.81	<0.15	0.81
B(30)	<0.24	<0.24	<0.24
J(30)	<0.17	<0.17	<0.17
K(30)	<0.16	<0.16	<0.16
L(30)	<0.15	<0.15	<0.15
Z(30)	0.21	<0.16	0.21



Two Transformers each wipe sampled

On October 5 one 10 by 10 centimeter non-porous wipe sample was collected from the interior of each of the two on-site discarded transformers. No liquids were present within the transformers which were open to the elements and each had a plate that was attached indicating they were manufactured in 1952. These samples were labeled CP-1 and CP-2. A depiction of the characterization sample locations and corresponding concentrations is reflected on **Figure 3** and the data is included on **Table 2**.

In March 2022, non-porous surfaces located on the remediation excavation equipment was wipe sampled to demonstrate effective equipment decontamination. The remediation equipment consisted of two excavators which were used to excavate and load PCB-impacted soil into containers for off-site disposal. These samples were labeled as Decon BKT and Decon TRK followed by the date of sampling. The data for those samplings are included in Table 2.

Table 2 Non-Porous Wipe Samples			
Sample Identification	PCB Concentration in micrograms per 10 x 10 cm wipe	Sample Identification	PCB Concentration in micrograms per 10 x 10 cm wipe
CP-1 10/5/21	< 0.5 ug/wipe	Decon BKT 3/16/22	< 0.5 ug/wipe
CP-2 10/5/21	< 0.5 ug/wipe	Decon-TRK 3/16/22	< 0.5 ug/wipe
Notes < = less than		Decon BKT322 3/24/22	< 0.5 ug/wipe

CEG contracted Absolute Resource Associates (ARA), of Portsmouth, New Hampshire, to conduct off-site laboratory analysis of soil samples. Samples submitted to ARA were analyzed for PCBs using EPA Method SW846 3540C/8082 with a soxlet extraction. Each sample was labeled for laboratory identification. The sample labels included the site name, sample number, analysis requested, preservation/filtering information, time, date, and sampler's initials. Information concerning preservation methods, matrix, and sample location was also included on chain of custody forms. Chain of custody forms accompanied the samples to the off-site laboratory. Off-site samples were stored on ice for delivered to the laboratory. They were maintained at approximately 4 degrees Celsius (C) from time of sample collection until analysis.

3.2 Data Quality Assessment Summary

The Quality Assurance Quality Control (QA/QC) samples were evaluated to confirm if the data was useable and that the data quality objectives for the sampling program were achieved. During the collection of soil, sample duplicates were collected at a frequency of 1 per 20 samples. The data for each sample and its accompanying duplicate is displayed below in Table 3 along with the relative percent difference (RPD) for each sample set. Three of the duplicate sample pairs exceeded the MEDEP suggested RPD values of 50 percent. The RPD calculated for two of these sample pairs were only slightly above 50 percent, while one was 157.14 percent. During each of these sampling events, additional duplicate pairs were collected for analysis. These additional duplicate pairs were also evaluated and all corresponding analytes were within the suggested RPD value of 50 percent. As a result, CEG attributes the three RPD exceedances to the heterogeneity of the duplicate sample matrix and does not believe the accompanying samples should be “J” flagged.

Table 3 QA/QC Samples and Duplicates							
Sample ID & Dup	Concentration in Mg/Kg	Duplicate Concentration in Mg/Kg	RPD	Sample ID & Dup	Concentration in Mg/Kg	Duplicate Concentration in Mg/Kg	RPD
L40 & DUP	4.4	5.9	29.13	J45A & DUP	<0.18	<0.17	5.71
F20 & DUP	<0.16	< 0.15	6.45	G(25)A & DUP	0.76	0.42	57.63
F0 & DUP	0.57	0.73	24.62	G45A & DUP	<0.16	<0.19	17.14
L60 & DUP	0.27	0.19	34.78	L20A & DUP	1.1	1.4	24
P70 & DUP	0.28	0.41	37.68	P60A & DUP	<0.18	<0.15	18.18
F(20) & DUP	<0.18	1.5	157.14	J20A & DUP	2.0	2.62	26.84
K(10) & DUP	1.5	1.7	12.5	G35A & DUP	0.55	0.32	52.87
D(25) & DUP	0.63	0.7	10.53	F(10)A & DUP	<0.14	<0.18	25.0
B(20) & DUP	1.6	1.5	6.45	L20B & DUP	0.23	0.21	9.09
X(20) & DUP	0.19	0.27	34.78	L50A & DUP	<0.15	<0.17	12.5

Notes: RPD = relative percent difference, Mg/Kg = milligrams per kilogram, < = Less than

Equipment blanks were collected from sampling equipment when appropriate in addition to the sample duplicates. The results are included below in Table 4. CEG followed the MEDEP Standard Operating Procedure (SOP) for data validation. Based on the CEG review, the data was deemed valid.

Table 4 Quality Assurance/Quality Control Equipment Blanks			
Sample Identification	PCB Concentration in micrograms per liter (ug/L)	Sample Identification	PCB Concentration in micrograms per liter (ug/L)
EQ BLK 10/28/21	< 0.4 ug/L	EQ BLK 11/19/21	< 0.4 ug/L
11/9 EQ BLK	< 0.2 ug/L	EQ BLK 12/3/21	< 0.2 ug/L

3.3 Removal of PCB Waste Areas

Once the area was fully delineated, remediation by excavation commenced. Immediately following the excavation, CEG collected confirmation samples on a 1.5-meter grid so that the soils would not freeze prior to collection. Approximately one foot of soil was removed to the extent of the samples exhibiting greater than 1 mg/kg PCBs. Excavation exceeded 1-foot thick in many areas due to the depth of frost at the time of excavation. The perimeter of this delineation for removal was estimated at 7,300 square feet and expanded to 7,940 square feet after the first confirmation sampling event (**Figures 4 and 5**). A summary of the waste removed and its destination to the specific licensed disposal facility is included below in **Table 5**. All soil analyzed contained PCB concentrations less than 50 mg/kg. Two disposal facilities accepted the waste which also included any personal protective equipment and any decontamination materials, Juniper Ridge Landfill located in Oldtown, Maine (Juniper Ridge) and Crossroads Landfill, located in Norridgewock, Maine (Crossroads).

The activities completed for this work were designed to comply with MEDEP guidelines and USEPA cleanup standards. MEDEP manages soil with concentrations of ≤ 1 mg/kg as unregulated material suitable for on-Site reuse. Soil with concentrations of ≤ 1 mg/kg remained in place. The soil removed consisted of the impacted sample area and extended to the sample that is within a regulatory removal value. For example, removal of all material > 1 mg/kg was conducted up to the adjoining sample that is ≤ 1 mg/kg.

Excavated contaminated materials were either live loaded or temporarily stockpiled atop and covered with polyethylene sheeting with a minimum 6-mm thickness. Erosion control was installed around the perimeter of the excavated area. No erosion control was necessary for the stockpiles which were within the erosion control outer perimeter, due to the frigid temperatures, short term duration of the stockpiles which were removed within 48 hours of creation, and the placement within the area surrounded by erosion control. Several iterations of excavation, disposal, and post-excavation confirmation sampling were necessary to remove the soil containing PCB concentrations > 1 mg/kg. The extent of the remediation area ended when all soil samples achieved the goal of ≤ 1 mg/kg.

CEG, through its subcontractor Allstate Environmental Services, Inc., completed site restoration following excavation and disposal of the PCB-impacted soil. A small portion of the excavation work impacted the driveway that connected Main Street to the camps that are located north of the Site adjacent to Meddybemps Lake. It was important to not restrict access to those camps, so the road was repaired using gravel which was then compacted to allow travel to the camps. This work was done in January and March 2022 immediately following excavation of the small portions of the driveway. Since the excavation and removal work was completed when ground conditions were still frozen and reasonably priced loam

was not available, it was not feasible to complete restoration of the other portions of the site at that time. Therefore, the site restoration was completed on May 25, 2022. Site restoration consisted of leaving the erosion control barrier in place, spreading and leveling four to six inches of loam and hay over the entire area where excavated soil was removed for disposal.



Excavating PCB-impacted soil and using clean fill to repair the driveway

Table 5 PCB-Impacted Soil Disposal		
Date of Disposal	Mass of Soil in Tons	Licensed Disposal Facility
January 20,2022	51.92	Crossroads
January 21,2022	62.58	Crossroads
January 24,2022	114.78	Crossroads
January 25,2022	57.47	Crossroads
January 26,2022	106.72	Crossroads
January 27,2022	58.69	Crossroads
March 15, 2022	104.74	Juniper Ridge
March 24, 2022	9.31	Juniper Ridge
Total	566.21	Crossroads & Juniper Ridge



PCB-impacted soil pile



Removing PCB-impacted soil for off-site disposal



Final Site Restoration



3.4 Post Excavation Confirmation Sampling of PCB Remediation Waste Areas

Post-removal PCB confirmation sampling was conducted in areas where PCB remediation wastes were removed for off-site disposal in accordance with Subpart O – *Sampling to Verify Completion of Self-Implementing Cleanup and On-Site Disposal of Bulk PCB Remediation Waste and Porous Surfaces* of 40 CFR 761 (§761.280-761.298). The soil confirmation samples collected by CEG staff following the PCB cleanup was in accordance with a 1.5-meter sampling grid system as specified in 40 CFR 761 Subpart O. Each sample collected was within 0-2 inches from exposed surface grade after the soil has been removed. The collected confirmation soil samples were composited using nine discrete samples. If the sample exceeded the cleanup criteria, then, 1 to 0.5 feet of additional soil was removed for disposal in the impacted area. Following the removal, sampling was repeated in the same manner using a 1.5-meter grid combined with a 1-meter north and 1-meter east offset from the original grid. Results of the confirmation sampling are included below and each sample identification contains a suffix that indicates the iteration of cleanup. The letter “A”, except for samples T70A, T80A, T85A and T90A, are indicative of a confirmation sample that followed the first round of excavation. Subsequent letters, for instance “B” and “C”, indicate a second and third round respectively of cleanup was necessary to remove the soil that exceeded the cleanup criteria. Samples with a “d” designation indicated that this sample was collected as a discrete sample. A discrete sample did not follow the 9-point composite grid sampling strategy. **Figure 4** depicts the first round of excavation and disposal of impacted soil as well as the analytical data for the confirmation sampling. **Figure 5** depicts the second and third rounds of excavation and disposal of impacted soil as well as the analytical data for the corresponding confirmation samples.

**Table 6 First Round of Cleanup Confirmation Sampling
January 19 and 20, 2022**

Sample Identification	Aroclor 1254	Aroclor 1260	Total PCB mg/kg
T50A	<0.16	<0.16	<0.16
V50Ad	0.53	<0.15	0.53
R50A	<0.17	<0.17	<0.17
B4A	0.28	<0.16	0.28
N50A	<0.15	<0.15	<0.15
R60A	<0.18	<0.18	<0.18
B3A	<0.17	<0.17	<0.17
B2A	<0.18	<0.18	<0.18
S75A	<0.15	0.26	0.26
R70A	<0.18	1.2	1.2
K(20)A	<0.18	0.41	0.41
V55Ad	3.9	<0.16	3.9
N70Ad	<0.16	<0.16	<0.16
T65A	<0.17	0.22	0.22
R45A	0.47	<0.17	0.47
P50A	<0.18	<0.18	<0.18
P60A	<0.18	<0.18	<0.18
M45A	2.2	0.41	2.61
Q80A	<0.18	0.22	0.22

Table 6 First Round of Cleanup Confirmation Sampling January 19 and 20, 2022			
Sample Identification	Aroclor 1254	Aroclor 1260	Total PCB mg/kg
S45A	<0.17	<0.17	<0.17
B6A	0.98	<0.16	0.98
H(20)A	<0.16	0.92	0.92
U55A	<0.17	<0.17	<0.17
R80A	<0.18	0.19	0.19
R45A	0.67	<0.18	0.67
K(25)A	<0.15	0.19	0.19
T85AA	<0.15	0.56	0.56
I(25)A	<0.18	0.42	0.42
L50A	<0.15	<0.15	<0.15
L50A Dup	<0.17	<0.17	<0.17
U65A	<0.16	<0.16	<0.16
S70A	<0.18	0.31	0.31
U45A	<0.14	<0.14	<0.14
T60A	<0.16	<0.16	<0.16
T55A	0.48	<0.16	0.48
S55A	<0.17	<0.17	<0.17
P40A	<0.18	<0.18	<0.18
P60A Dup	<0.15	<0.15	<0.15
N40A	0.5	0.26	0.76
B5A	1.1	1.7	2.8
Q40A	<0.16	<0.16	<0.16
U50A	<0.17	<0.17	<0.17
L60A	<0.18	<0.18	<0.18
P70Ad	<0.15	<0.15	<0.15
K55d	0.32	0.20	0.52
J45A	<0.18	<0.18	<0.18
J45A Dup	<0.17	<0.17	<0.17
G(25)A	<0.15	0.76	0.76
G45A	<0.16	<0.10	<0.16
B1A	<0.18	<0.18	<0.18
G45A Dup	<0.16	<0.16	<0.16
E(25)A	0.97	<0.15	0.97
M65Ad	<0.19	<0.19	<0.19
F(20)A	0.80	<0.18	0.80
H45A	<0.18	<0.18	<0.18
C(25)A	0.54	<0.20	0.54
F(25)A	0.98	<0.17	0.98
G(25)A DUP	0.42	<0.17	0.42

Table 5 First Round of Cleanup Confirmation Sampling			
January 24, 2022			
Sample Identification	Aroclor 1254	Aroclor 1260	Total PCB mg/kg
L30A	3.8	0.46	4.26
L10A	<0.19	0.41	0.41
L40A	2.5	0.32	2.82
L(5)A	<0.17	1.2	1.2
L20A	<0.18	1.1	1.1
L5A	<0.14	<0.14	<0.14
L0A	<0.19	0.20	0.2
L20A Dup	<0.18	1.4	1.4
N(5)A	0.76	0.87	1.63
N0A	0.30	0.20	0.5
N60A	<0.16	<0.16	<0.16
N30A	<0.17	<0.17	<0.17
N20A	<0.18	<0.18	<0.18
N10A	<0.14	<0.14	<0.14
Q15A	<0.17	0.22	0.22
P30A	<0.16	<0.16	<0.16
S65A	<0.16	0.16	0.16
P20A	<0.19	<0.19	<0.19
O10A	<0.17	<0.17	<0.17
O(5)A	<0.21	0.89	0.89
O0A	<0.22	<0.22	<0.22

Table 5 First Round of Cleanup Confirmation Sampling			
January 26 & 27, 2022			
Sample Identification	Aroclor 1254	Aroclor 1260	Total PCB mg/kg
I45A	<0.18	<0.18	<0.18
G35A	0.34	0.21	0.55
J40A	0.19	0.35	0.54
J30A	0.30	0.67	0.97
H30A	0.98	1.1	2.08
G15A	<0.16	0.68	0.68
I15A	<0.19	0.75	0.75
J20A	<0.19	2.0	2.0
I35A	<0.16	0.56	0.56
Y(25)A	<0.18	0.62	0.62
S85A	<0.17	0.24	0.24
G(5)A	<0.18	0.21	0.21
A(15)A	<0.16	0.19	0.19
J10A	<0.16	1.6	1.6
G5A	0.32	0.52	0.84
J0A	<0.16	0.25	0.25
H(10)A	<0.18	0.43	0.43
M65A	<0.18	<0.18	<0.18
A(25)A	<0.18	0.5	0.5
O65A	<0.20	<0.20	<0.20
E(5)A	<0.17	<0.17	<0.17
I(5)A	<0.17	<0.17	<0.17
K(10)A	<0.17	0.39	0.39
F(10)A	<0.14	<0.14	<0.14
D(15)A	<0.17	0.19	0.19
B(15)A	<0.16	0.24	0.24
I(15)A	<0.20	<0.20	<0.20
I25A	0.43	1.5	1.93
G25A	<0.18	0.19	0.19
L55A	<0.17	0.33	0.33
J20A Dup	0.42	2.2	2.62
K55A	0.56	0.81	1.37
G35A Dup	0.17	0.15	0.32
F(10)A Dup	<0.18	<0.18	<0.18

Table 5 Second Round of Cleanup Confirmation Sampling March 14, 2022			
Sample Identification	Aroclor 1254	Aroclor 1260	Total PCB mg/kg
V55B	<0.18	<0.18	<0.18
B5B	1.8	0.46	2.26
R70B	<0.17	<0.17	<0.17
N(5)B	<0.18	<0.18	<0.18
L(5)B	<0.18	1.0	1.0
J(10)B	<0.17	<0.17	<0.17
K55B	<0.15	<0.15	<0.15
M45B	<0.15	<0.15	<0.15
L40B	0.25	<0.14	0.25
L30B	0.28	<0.18	0.28
L20B	<0.16	0.23	0.23
L20B Dup	<0.15	0.21	0.21
J10B	<0.15	0.63	0.63
J20B	<0.18	0.20	0.20
I25B	0.22	0.70	0.92
H30B	0.31	0.68	0.99
I5A	<0.15	0.38	0.38

Table 5 Third Round of Cleanup Confirmation Sampling March 18, 2022			
Sample Identification	Aroclor 1254	Aroclor 1260	Total PCB mg/kg
B-5C	<0.19	<0.19	<0.19



Confirmation Soil sampling following initial excavation

3.5 Conclusion

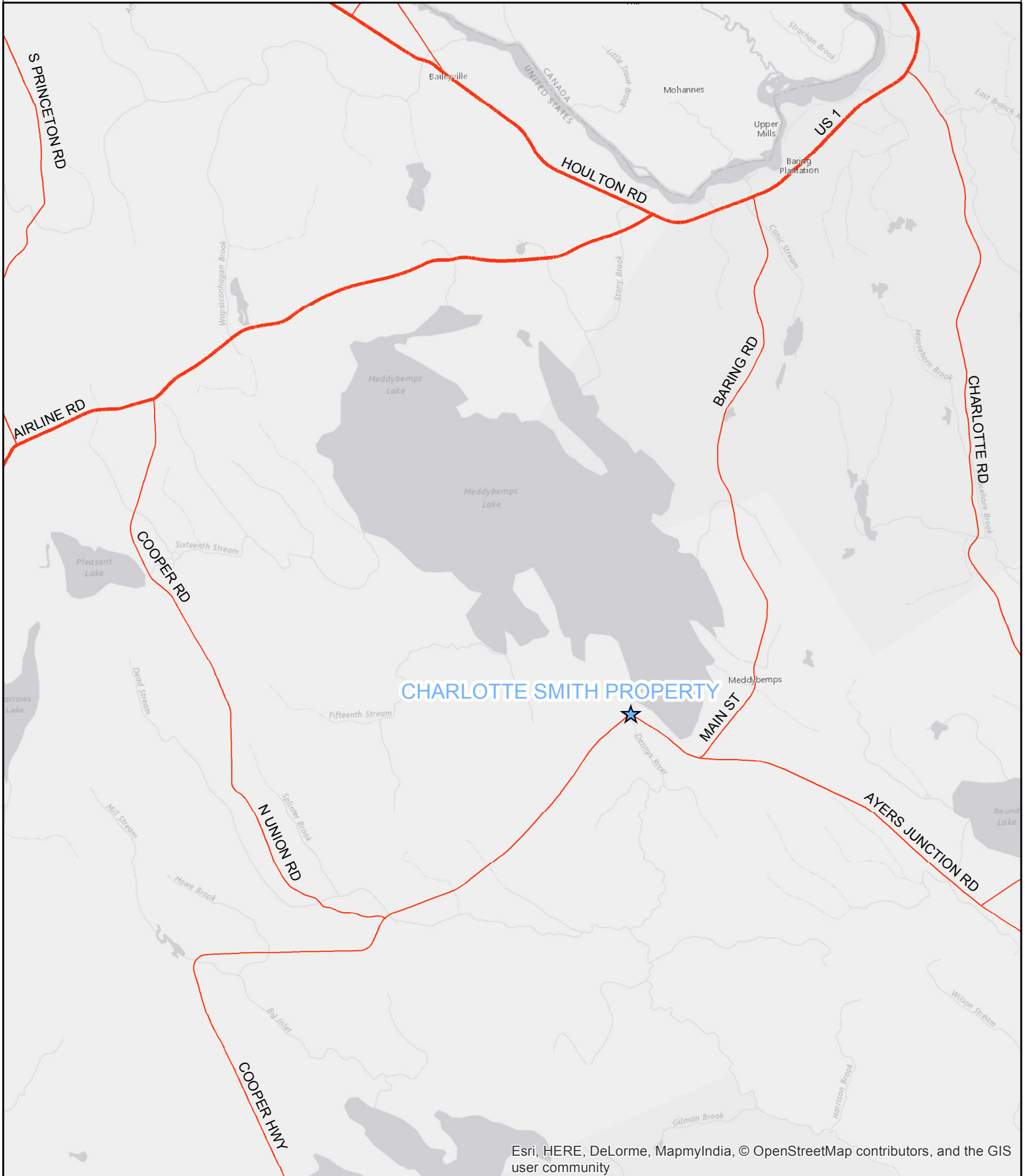
CEG completed the work required to fulfill the components outlined in the Self-Implementing Notification Cleanup of PCB Remediation Waste that was approved by the MEDEP and the United States Environmental Protection Agency (USEPA) in correspondence titled, *PCB Cleanup and Disposal Approval under 40 CFR § 761.61(a) Charlotte Smith Property Meddybemps, Maine* and dated December 13, 2021. The costs to complete these services was approximately \$289,000.

APPENDIX A

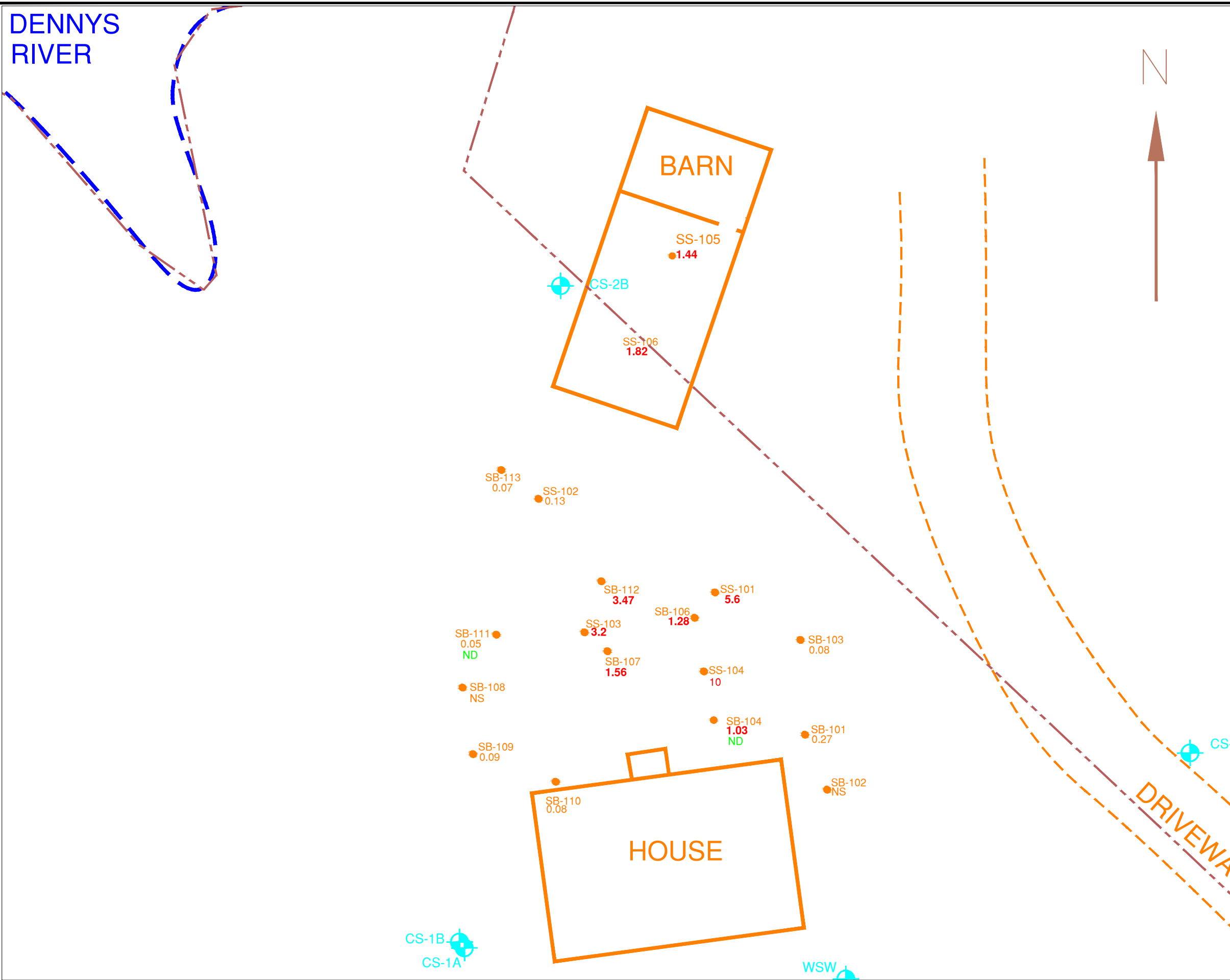
FIGURES



Charlotte Smith Property Meddybemps



DENNYS RIVER



LEGEND

- - MEDEP APPROXIMATE SAMPLE LOCATION & PCB RESULTS IN MG/KG
- ▲ - TRANSFORMERS

⊕ - MONITORING WELL/WATER SUPPLY WELL

--- APPROXIMATE PROPERTY BOUNDARY

< - LESS THAN

5.8 - GREATER THAN 1 MG/KG

Dup - DUPLICATE

PCBs - POLYCHLORINATED BIPHENYLS

MG/KG - MILLIGRAM PER KILOGRAM

NS - NOT SAMPLED

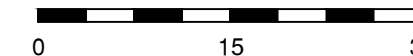
ND - NOT DETECTED @ 5-7 FEET BELOW GRADE

ug/Wipe - MICROGRAM PER WIPE

MAP SOURCE: 1] AERIAL PHOTOGRAPHY

2] FIELD SURVEY & GPS

APPROXIMATE
SCALE IN FEET



CLIENT:

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

LOCATION:

C. SMITH
881 MAIN STREET
MEDDYBEMPS, MAINE

PM:

RC

DETAILED:

DK

PROJECT NO.:

0921-391-00

REV. NO.:

DRAWING DATE:

9/20/21

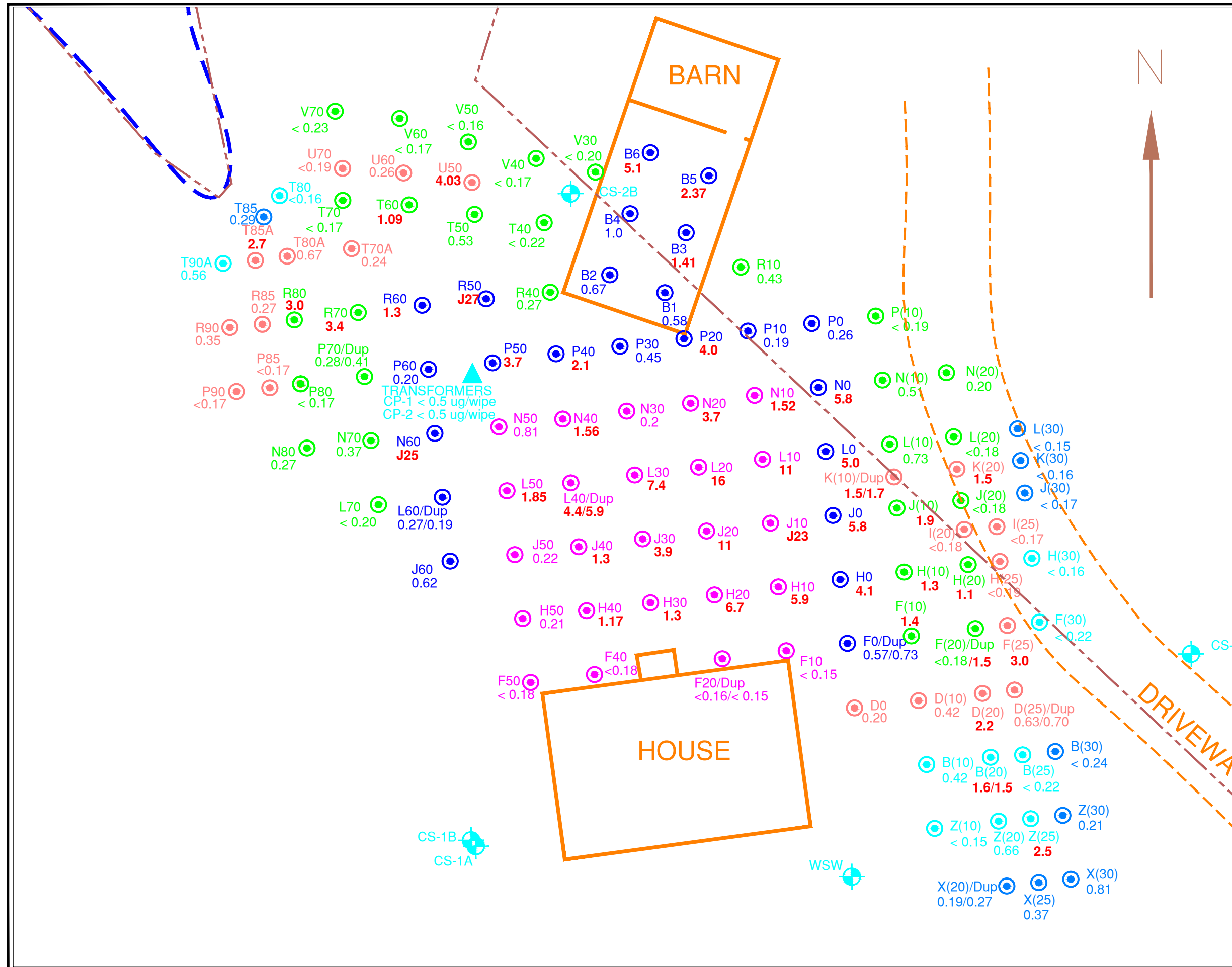
ACAD FILE:

DEP S MDDYBEMPS

FIGURE 2
MEDEP INITIAL CHARACTERIZATION SAMPLES



173 GRAY ROAD
FALMOUTH, MAINE 04105
(207) 253-1990



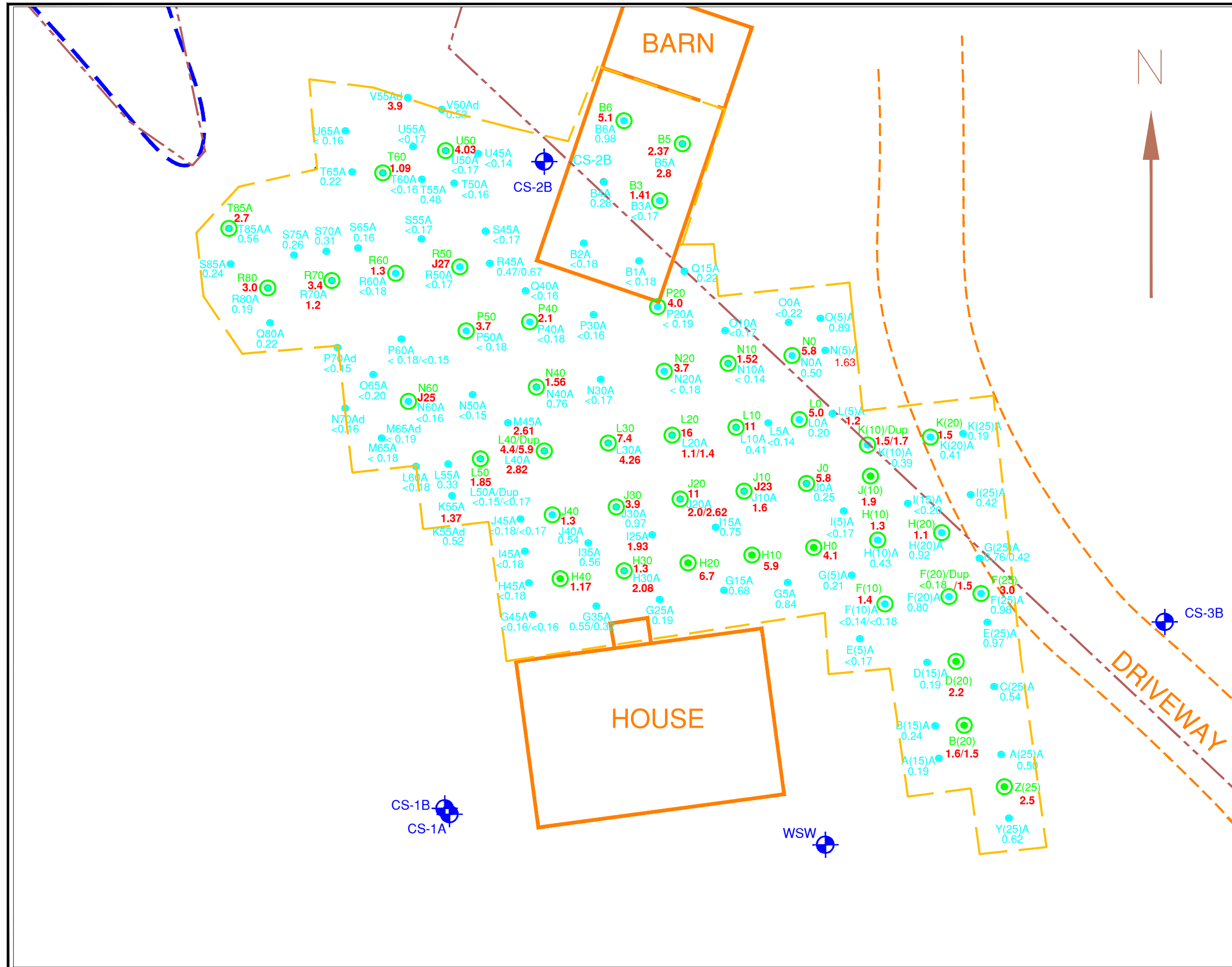
LEGEND

- ▲ - TRANSFORMERS
- - SAMPLES COLLECTED 9/17/21
- - SAMPLES COLLECTED 10/5/21
- - SAMPLES COLLECTED 10/28/21
- - SAMPLES COLLECTED 11/9/21
- - SAMPLES COLLECTED 11/19/21
- - SAMPLES COLLECTED 12/03/21
- ⊕ - MONITORING WELL/WATER SUPPLY WELL
- - - - - APPROXIMATE PROPERTY BOUNDARY
- < - LESS THAN
- 5.8 - GREATER THAN 1 MG/KG
- Dup - DUPLICATE
- PCBs - POLYCHLORINATED BIPHENYLS
- MG/KG - MILLIGRAM PER KILOGRAM
- NS - NOT SAMPLED
- ND - NOT DETECTED @ 5-7 FEET BELOW GRADE
- ug/Wipe - MICROGRAM PER WIPE
- MAP SOURCE: 1] AERIAL PHOTOGRAPHY
2] FIELD SURVEY & GPS

APPROXIMATE SCALE IN FEET

CLIENT: MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION		
LOCATION: C. SMITH 881 MAIN STREET MEDDYBEMPS, MAINE		
PM: RC	DETAILED: DK	PROJECT NO.: 0921-391-00
REV. NO.:	DRAWING DATE: 9/20/21	ACAD FILE: DEP S MDDYBEMPS

**FIGURE 3
CEG SUBSEQUENT
CHARACTERIZATION
SAMPLES**

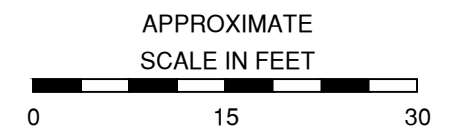


LEGEND

- - CHARACTERIZATION SAMPLES > 1 MG/KG COLLECTED 9/17/2021-12/3/2021
- - CONFIRMATION SAMPLES POST EXCAVATION COLLECTED 1/19-27/2022
- - CONFIRMATION SAMPLES CO-LOCATED WITH CHARACTERIZATION SAMPLE POST EXCAVATION

- INITIAL EXTENT OF EXCAVATION
- ⊕ - WATER SUPPLY WELL/MONITORING WELL
- WSW - WATER SUPPLY WELL
- < - LESS THAN
- 5.8 - GREATER THAN 1 MG/KG
- Dup - DUPLICATE
- PCBs - POLYCHLORINATED BIPHENYLS
- MG/KG - MILLIGRAM PER KILOGRAM
- ug/Wipe - MICROGRAM PER WIPE

MAP SOURCE: 1] AERIAL PHOTOGRAPHY
2] FIELD SURVEY & GPS

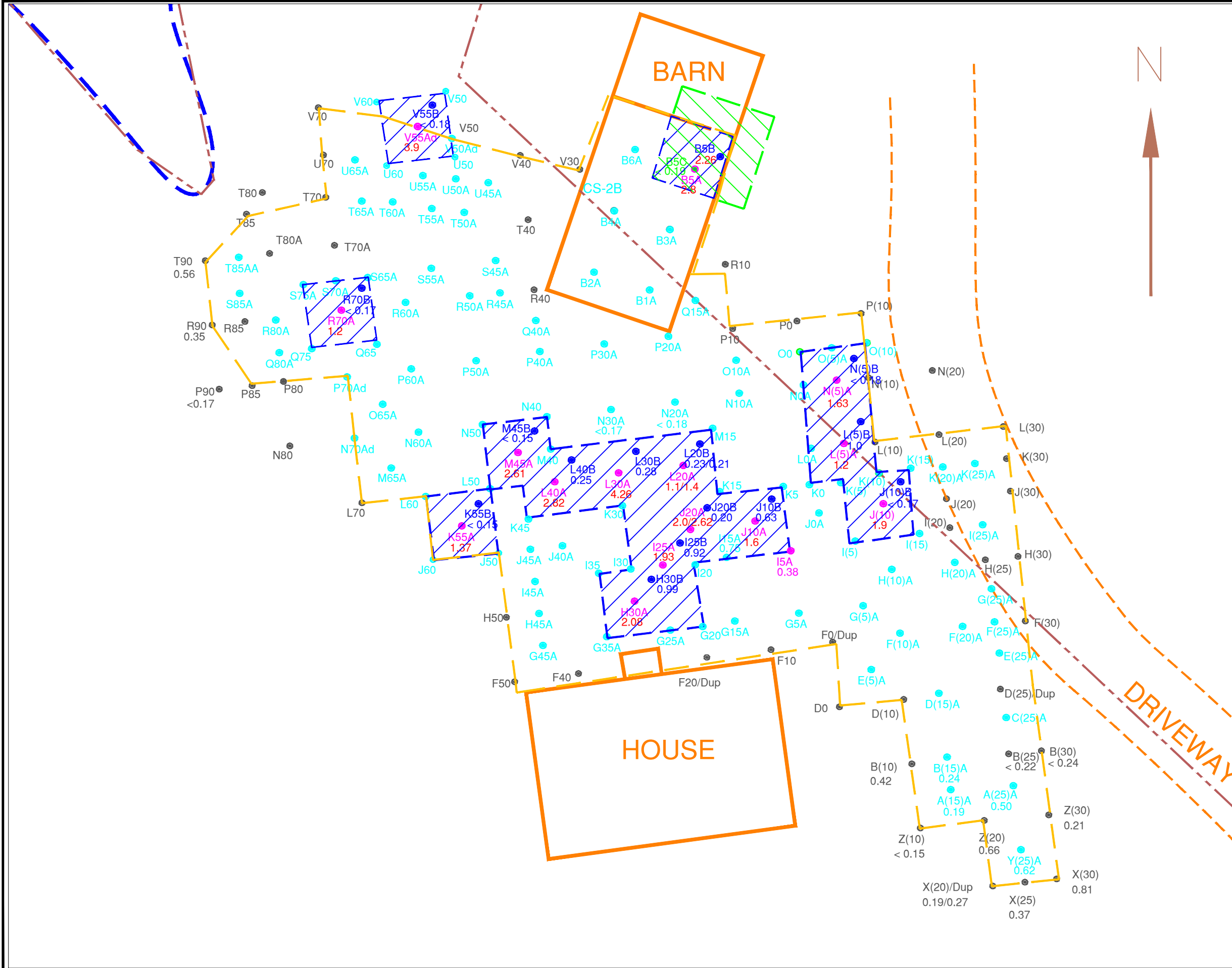


CLIENT: MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION		
LOCATION: C. SMITH 881 MAIN STREET MEDDYBEMPS, MAINE		
PM: RC	DETAILED: DK	PROJECT NO.: 0921-391-00
REV. NO.:	DRAWING DATE: 9/20/21	ACAD FILE: DEP S MDDYBEMPS

FIGURE 4
CONFIRMATION SAMPLES
POST INITIAL SOIL REMOVAL



173 GRAY ROAD
FALMOUTH, MAINE 04105
(207) 253-1990



- LEGEND**
- - CEG CHARACTERIZATION SAMPLES COLLECTED 09/17/21-12/3/2021
 - - CEG CONFIRMATION SAMPLES 01/19-27/2022 LESS THAN OR EQUAL TO 1 MG/KG
 - - CEG CONFIRMATION SAMPLES 01/19-27/2022 GREATER THAN 1 MG/KG
 - - CEG 2nd ROUND CONFIRMATION SAMPLES COLLECTED 03/14/2022
 - - CEG 3rd ROUND CONFIRMATION SAMPLES COLLECTED 03/18/2022
 - - - INITIAL EXTENT OF REMEDIATION EXCAVATION
 - - - SECOND EXTENT OF REMEDIATION EXCAVATION
 - - - THIRD EXTENT OF REMEDIATION EXCAVATION
 - - - SECOND EXTENT OF REMEDIATION EXCAVATION
 - - - THIRD EXTENT OF REMEDIATION EXCAVATION
- 1.63 - PCB CONCENTRATION > 1 MG/KG
 PCBs - POLYCHLORINATED BIPHENYLS
 MG/KG - MILLIGRAM PER KILOGRAM

MAP SOURCE: 1] AERIAL PHOTOGRAPHY
 2] FIELD SURVEY & GPS

APPROXIMATE
 SCALE IN FEET

CLIENT:
 MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

LOCATION: C. SMITH
 881 MAIN STREET
 MEDDYBEMPS, MAINE

PM: RC	DETAILED: DK	PROJECT NO.: 0921-391-00
REV. NO.:	DRAWING DATE: 9/20/21	ACAD FILE: DEP S MDDYBEMPS

FIGURE 5
 CONFIRMATION SAMPLES
 POST SECOND AND THIRD
 SOIL REMOVAL

CAMPBELL ENVIRONMENTAL GROUP

173 GRAY ROAD
 FALMOUTH, MAINE 04105
 (207) 253-1990

APPENDIX B

LABORATORY REPORTS

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 58689
Date Received: 9/20/21

Project: DEP C. Smith Meddy 0821-391-01

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Willie Stone', with a long, sweeping underline.

Willie Stone
Authorized Signature

Date of Approval: 10/1/2021
Total number of pages: 25

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
F-10	Solid	9/17/2021 13:34	58689-001	PCBs in solids by Soxhlet 8082
F-20	Solid	9/17/2021 13:36	58689-002	PCBs in solids by Soxhlet 8082
F-40	Solid	9/17/2021 13:37	58689-003	PCBs in solids by Soxhlet 8082
F-50	Solid	9/17/2021 13:38	58689-004	PCBs in solids by Soxhlet 8082
F-20 DUP	Solid	9/17/2021 13:36	58689-005	PCBs in solids by Soxhlet 8082
H-10	Solid	9/17/2021 13:47	58689-006	PCBs in solids by Soxhlet 8082
H-20	Solid	9/17/2021 13:46	58689-007	PCBs in solids by Soxhlet 8082
H-30	Solid	9/17/2021 13:45	58689-008	PCBs in solids by Soxhlet 8082
H-40	Solid	9/17/2021 13:43	58689-009	PCBs in solids by Soxhlet 8082
H-50	Solid	9/17/2021 13:40	58689-010	PCBs in solids by Soxhlet 8082
J-10	Solid	9/17/2021 13:48	58689-011	PCBs in solids by Soxhlet 8082
J-20	Solid	9/17/2021 13:57	58689-012	PCBs in solids by Soxhlet 8082
J-30	Solid	9/17/2021 13:58	58689-013	PCBs in solids by Soxhlet 8082
J-40	Solid	9/17/2021 14:01	58689-014	PCBs in solids by Soxhlet 8082
J-50	Solid	9/17/2021 14:03	58689-015	PCBs in solids by Soxhlet 8082
L-10	Solid	9/17/2021 14:09	58689-016	PCBs in solids by Soxhlet 8082
L-20	Solid	9/17/2021 14:08	58689-017	PCBs in solids by Soxhlet 8082
L-30	Solid	9/17/2021 14:07	58689-018	PCBs in solids by Soxhlet 8082
L-40	Solid	9/17/2021 14:05	58689-019	PCBs in solids by Soxhlet 8082
L-50	Solid	9/17/2021 14:04	58689-020	PCBs in solids by Soxhlet 8082
L-40 DUP	Solid	9/17/2021 14:05	58689-021	PCBs in solids by Soxhlet 8082
N-10	Solid	9/17/2021 14:10	58689-022	PCBs in solids by Soxhlet 8082
N-20	Solid	9/17/2021 14:12	58689-023	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
N-30	Solid	9/17/2021 14:13	58689-024	PCBs in solids by Soxhlet 8082
N-40	Solid	9/17/2021 14:15	58689-025	PCBs in solids by Soxhlet 8082
N-50	Solid	9/17/2021 14:17	58689-026	PCBs in solids by Soxhlet 8082

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-001

Sample ID: F-10

Matrix: Solid Percent Dry: 90% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:34

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	111	30-150	%	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A
decachlorobiphenyl SUR	84	30-150	%	1	DBV	9/21/21	14287	9/22/21	19:34	SW3540C8082A

Sample#: 58689-002

Sample ID: F-20

Matrix: Solid Percent Dry: 92.6% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:36

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	73	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A
decachlorobiphenyl SUR	68	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:02	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-003

Sample ID: F-40

Matrix: Solid Percent Dry: 90.3% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:37

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A
decachlorobiphenyl SUR	61	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:14	SW3540C8082A

Sample#: 58689-004

Sample ID: F-50

Matrix: Solid Percent Dry: 88.6% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:38

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A
decachlorobiphenyl SUR	63	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:27	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-005

Sample ID: F-20 DUP

Matrix: Solid Percent Dry: 92.3% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:36

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:40	SW3540C8082A

Sample#: 58689-006

Sample ID: H-10

Matrix: Solid Percent Dry: 81.4% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:47

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
PCB-1260	5.9	0.19	ug/g	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	9/22/21	14287	9/23/21	14:52	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-007

Sample ID: H-20

Matrix: Solid Percent Dry: 68% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:46

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.23	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
PCB-1221	< 0.23	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
PCB-1232	< 0.23	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
PCB-1242	< 0.23	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
PCB-1248	< 0.23	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
PCB-1254	< 0.23	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
PCB-1260	6.7	0.23	ug/g	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A
decachlorobiphenyl SUR	62	30-150	%	1	DBV	9/22/21	14287	9/23/21	15:05	SW3540C8082A

Sample#: 58689-008

Sample ID: H-30

Matrix: Solid Percent Dry: 74% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:45

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
PCB-1260	1.3	0.17	ug/g	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A
decachlorobiphenyl SUR	57	30-150	%	1	DBV	9/22/21	14287	9/23/21	15:17	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-009

Sample ID: H-40

Matrix: Solid Percent Dry: 79.9% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:43

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
PCB-1254	0.86	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
PCB-1260	0.31	0.18	ug/g	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	76	30-150	%	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	9/22/21	14287	9/23/21	15:30	SW3540C8082A

Sample#: 58689-010

Sample ID: H-50

Matrix: Solid Percent Dry: 75.7% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:40

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
PCB-1260	0.21	0.20	ug/g	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A
decachlorobiphenyl SUR	65	30-150	%	1	DBV	9/22/21	14287	9/23/21	16:21	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-011

Sample ID: J-10

Matrix: Solid Percent Dry: 83% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:48

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 3.3	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
PCB-1221	< 3.3	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
PCB-1232	< 3.3	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
PCB-1242	< 3.3	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
PCB-1248	< 3.3	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
PCB-1254	< 3.3	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
PCB-1260	23	3.3	ug/g	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	DOR	30-150	%	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A
decachlorobiphenyl SUR	DOR	30-150	%	20	DBV	9/22/21	14287	9/27/21	17:06	SW3540C8082A

DOR = Diluted out of range.

Sample#: 58689-012

Sample ID: J-20

Matrix: Solid Percent Dry: 81.6% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:57

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.78	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
PCB-1221	< 0.78	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
PCB-1232	< 0.78	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
PCB-1242	< 0.78	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
PCB-1248	< 0.78	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
PCB-1254	< 0.78	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
PCB-1260	11	0.78	ug/g	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	76	30-150	%	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A
decachlorobiphenyl SUR	86	30-150	%	5	DBV	9/22/21	14287	9/27/21	17:19	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-013

Sample ID: J-30

Matrix: Solid Percent Dry: 92.4% Results expressed on a dry weight basis.

Sampled: 9/17/21 13:58

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
PCB-1260	3.9	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A
decachlorobiphenyl SUR	94	30-150	%	1	DBV	9/23/21	14292	9/27/21	15:50	SW3540C8082A

Sample#: 58689-014

Sample ID: J-40

Matrix: Solid Percent Dry: 92% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:01

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
PCB-1260	1.3	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A
decachlorobiphenyl SUR	85	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:03	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-015

Sample ID: J-50

Matrix: Solid Percent Dry: 94.1% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:03

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
PCB-1260	0.22	0.15	ug/g	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	67	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:16	SW3540C8082A

Sample#: 58689-016

Sample ID: L-10

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:09

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.81	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
PCB-1221	< 0.81	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
PCB-1232	< 0.81	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
PCB-1242	< 0.81	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
PCB-1248	< 0.81	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
PCB-1254	< 0.81	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
PCB-1260	11	0.81	ug/g	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A
decachlorobiphenyl SUR	87	30-150	%	5	DBV	9/23/21	14292	9/27/21	17:32	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-017

Sample ID: L-20

Matrix: Solid Percent Dry: 86.9% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:08

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 1.8	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
PCB-1221	< 1.8	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
PCB-1232	< 1.8	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
PCB-1242	< 1.8	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
PCB-1248	< 1.8	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
PCB-1254	< 1.8	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
PCB-1260	16	1.8	ug/g	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A
decachlorobiphenyl SUR	101	30-150	%	10	DBV	9/23/21	14292	9/27/21	17:44	SW3540C8082A

Sample#: 58689-018

Sample ID: L-30

Matrix: Solid Percent Dry: 89.4% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:07

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
PCB-1254	4.0	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
PCB-1260	3.4	0.17	ug/g	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:28	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-019

Sample ID: L-40

Matrix: Solid Percent Dry: 93.6% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:05

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
PCB-1254	3.3	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
PCB-1260	1.1	0.16	ug/g	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	73	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:41	SW3540C8082A

Sample#: 58689-020

Sample ID: L-50

Matrix: Solid Percent Dry: 83.4% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:04

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
PCB-1254	0.75	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
PCB-1260	1.1	0.20	ug/g	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	78	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	9/23/21	14292	9/27/21	16:54	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-021

Sample ID: L-40 DUP

Matrix: Solid Percent Dry: 94% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:05

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.68	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
PCB-1221	< 0.68	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
PCB-1232	< 0.68	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
PCB-1242	< 0.68	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
PCB-1248	< 0.68	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
PCB-1254	4.7	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
PCB-1260	1.2	0.68	ug/g	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A
decachlorobiphenyl SUR	85	30-150	%	5	DBV	9/23/21	14292	9/27/21	18:35	SW3540C8082A

Sample#: 58689-022

Sample ID: N-10

Matrix: Solid Percent Dry: 92.4% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
PCB-1254	0.42	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
PCB-1260	1.1	0.17	ug/g	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	121	30-150	%	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A
decachlorobiphenyl SUR	125	30-150	%	1	DBV	9/24/21	14292	9/27/21	18:48	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-023

Sample ID: N-20

Matrix: Solid Percent Dry: 91.5% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
PCB-1260	3.7	0.16	ug/g	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	116	30-150	%	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A
decachlorobiphenyl SUR	115	30-150	%	1	DBV	9/24/21	14292	9/27/21	19:00	SW3540C8082A

Sample#: 58689-024

Sample ID: N-30

Matrix: Solid Percent Dry: 94% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:13

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
PCB-1260	0.20	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A
decachlorobiphenyl SUR	85	30-150	%	1	DBV	9/24/21	14292	9/28/21	13:08	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01

Job ID: 58689

Sample#: 58689-025

Sample ID: N-40

Matrix: Solid Percent Dry: 93.1% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:15

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
PCB-1254	1.2	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
PCB-1260	0.36	0.18	ug/g	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	73	30-150	%	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	9/24/21	14292	9/27/21	19:26	SW3540C8082A

Sample#: 58689-026

Sample ID: N-50

Matrix: Solid Percent Dry: 94.4% Results expressed on a dry weight basis.

Sampled: 9/17/21 14:17

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
PCB-1260	0.81	0.16	ug/g	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	9/24/21	14292	9/28/21	13:21	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 58689

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

PCB: The surrogates were diluted out of the calibration range in the following sample: 58689-011.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

www.absoluteresourceassociates.com

- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14287	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			89	%			30	150		
		decachlorobiphenyl SUR			82	%			30	150		
SW3540C8082A	LCS14287	PCB-1016			2.7	ug/g	3.33	82	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.7	ug/g	3.33	80	40	140		
		tetrachloro-m-xylene SUR			68	%			30	150		
		decachlorobiphenyl SUR			78	%			30	150		
SW3540C8082A	LCSD14287	PCB-1016			2.6	ug/g	3.33	79	40	140	4	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	77	40	140	3	30
		tetrachloro-m-xylene SUR			60	%			30	150		
		decachlorobiphenyl SUR			76	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14292	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			67	%			30	150		
		decachlorobiphenyl SUR			82	%			30	150		
SW3540C8082A	LCS14292	PCB-1016			2.5	ug/g	3.33	75	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.5	ug/g	3.33	74	40	140		
		tetrachloro-m-xylene SUR			68	%			30	150		
		decachlorobiphenyl SUR			86	%			30	150		
SW3540C8082A	LCSD14292	PCB-1016			2.6	ug/g	3.33	78	40	140	4	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.4	ug/g	3.33	72	40	140	3	30
		tetrachloro-m-xylene SUR			68	%			30	150		
		decachlorobiphenyl SUR			76	%			30	150		

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124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

58689

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth ME 04105
Report To: AARON BRIGNULL
Phone #: 207 253 1990
Invoice to: Same
Email: ABrignull@cegenvironmental.com
PO #:

Project Name: DEP C. Smith meddy
Project #: 0821-391-01
Project Location: NH MA ME VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list:		
<input type="checkbox"/> Dissolved Metals-list:		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> Subcontract	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides
<input type="checkbox"/> Grab (G)	<input type="checkbox"/> Composite (C)	

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
-01	F-10	1		X							9/17	13:34	RS
-02	F-20											13:36	
-03	F-30												
-03	F-40											13:37	
-04	F-50											13:38	
-05	F-20 DUP											13:36	
-06	H-10											13:47	
-07	H-20											13:46	
-08	H-30											13:45	
-09	H-40											13:43	
-10	H-50											13:40	

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard
(10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
Soxlet Extraction

REPORTING INSTRUCTIONS PDF (e-mail address) Same as Above
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
TEMPERATURE 2 °C

CUSTODY RECORD
QSD-01 Revision 03/09/2020

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>9/20/21</u>	Time: <u>10:00</u>	Received by: <u>[Signature]</u>	Date: <u>9/20</u>	Time: <u>10:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>9/20</u>	Time: <u>15:55</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Laboratory:	Date: <u>9/20</u>	Time: <u>1555</u>

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth ME 04105
Report To: AARON BRIGNULL
Phone #: 207 253 1990
Invoice to: same
Email: A.Brignull@cegenvironmental.com
PO #:

Project Name: DEP C. Smith Medley
Project #: 0821-391-01
Project Location: NH MA ME VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MIBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list:		
<input type="checkbox"/> Dissolved Metals-list:		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides
<input type="checkbox"/> Grab (G) or Composite (C)		

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
-11	J-10	1		X						9/17	13:48	RCM	
-12	J-20										13:57		
-13	J-30										13:58		
-14	J-40										14:01		
-15	J-50										14:03		
-16	L-10										14:09		
-17	L-20										14:08		
-18	L-30										14:07		
-19	L-40										14:05		
-20	L-50										14:04		
-21	L-40DUP										14:05		

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard
(10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
Soxlet Extraction

REPORTING INSTRUCTIONS PDF (e-mail address) A.Brignull@cegenvironmental.com
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE _____ °C

CUSTODY RECORD
QSD-01 Revision 03/09/2020

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>9/20/24</u> Time: <u>10:00</u>	Received by: <u>[Signature]</u>	Date: <u>9/20</u> Time: <u>10:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>9/20</u> Time: <u>15:55</u>	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Laboratory: <u>[Signature]</u>	Date: <u>9/20</u> Time: <u>15:55</u>

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth ME 04105
Report To: AARON BRIGNULL
Phone #: 207 253 1990
Invoice to: Same
Email: ABRIGNULL@CEGENVIRONMENTAL.COM
PO #:

Project Name: DEPC Smith Meddy
Project #: 0821-391-01
Project Location: NH MA ME VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting Limits: QAPP GW-1 S-1
EPA DW Other
Quote #:
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 MHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MMBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
-22	N-10	1		X						9/17/21	14:10	20	
-23	N-20	1									14:12		
-24	N-30	1									14:13		
-25	N-40	1									14:15		
-26	N-50	1									14:17		

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard
(10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
SPECIAL INSTRUCTIONS
Saxlet Extraction
REPORTING INSTRUCTIONS PDF (e-mail address) Same as Above
 HARD COPY REQUIRED EDD _____
RECEIVED ON ICE YES NO
TEMPERATURE _____ °C

CUSTODY RECORD
QSD-01 Revision 03/09/2020

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>9/20/21</u>	Time: <u>10:00 am</u>	Received by: <u>[Signature]</u>	Date: <u>9/20</u>	Time: <u>10:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>9/20</u>	Time: <u>15:55</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Laboratory:	Date:	Time:

Sample Receipt Condition Report

58689

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 2 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PEAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓ by analyst PC Dry applicable? Y N
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G) <u>20</u>	4oz(G)	8oz(G)	Syringe			
None (water)	40ml(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)	1L(G) 1L(P)	
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?				
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/ <i>E. coli</i> (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?			X	
Subcontract note on login board?				
Pesticides EPA 608 pH5-9?				
Compliance samples have no discrepancies/require no flags?				(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: RLM

 Date/Time: 9/21 0850
Peer Review Checklist

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Client ID/Project Manager | <input type="checkbox"/> On Ice, Temperature OK? | <input type="checkbox"/> Sample IDs | <input type="checkbox"/> Analyses in Correctly |
| <input type="checkbox"/> Project Name | <input type="checkbox"/> PO# (if provided) | <input type="checkbox"/> Matrix | -references |
| <input type="checkbox"/> TAT/rushes communicated | <input type="checkbox"/> Sub samples sent? Shipping Charge? | <input type="checkbox"/> Date/Time collected | -wastewater methods |
| <input type="checkbox"/> Received Date/Time | <input type="checkbox"/> Issues noted above communicated? | <input type="checkbox"/> Short HT's communicated | <input type="checkbox"/> Notes from CoC in LIMS |

Reviewed By: _____ Date: _____

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 58915
Date Received: 10/6/21

Project: DEP C Smith Meddy 0821-391-01

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Willie Stone', with a long, sweeping underline.

Willie Stone
Authorized Signature

Date of Approval: 10/22/2021
Total number of pages: 27

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
F-0	Solid	10/5/2021 13:08	58915-001	PCBs in solids by Soxhlet 8082
H-0	Solid	10/5/2021 13:11	58915-002	PCBs in solids by Soxhlet 8082
J-0	Solid	10/5/2021 13:13	58915-003	PCBs in solids by Soxhlet 8082
L-0	Solid	10/5/2021 13:15	58915-004	PCBs in solids by Soxhlet 8082
N-0	Solid	10/5/2021 13:17	58915-005	PCBs in solids by Soxhlet 8082
P-0	Solid	10/5/2021 13:18	58915-006	PCBs in solids by Soxhlet 8082
P-10	Solid	10/5/2021 13:22	58915-007	PCBs in solids by Soxhlet 8082
P-20	Solid	10/5/2021 13:24	58915-008	PCBs in solids by Soxhlet 8082
P-30	Solid	10/5/2021 13:25	58915-009	PCBs in solids by Soxhlet 8082
P-40	Solid	10/5/2021 13:26	58915-010	PCBs in solids by Soxhlet 8082
P-50	Solid	10/5/2021 13:27	58915-011	PCBs in solids by Soxhlet 8082
P-60	Solid	10/5/2021 13:28	58915-012	PCBs in solids by Soxhlet 8082
N-60	Solid	10/5/2021 13:35	58915-013	PCBs in solids by Soxhlet 8082
L-60	Solid	10/5/2021 13:33	58915-014	PCBs in solids by Soxhlet 8082
J-60	Solid	10/5/2021 13:37	58915-015	PCBs in solids by Soxhlet 8082
R-60	Solid	10/5/2021 14:32	58915-016	PCBs in solids by Soxhlet 8082
R-50	Solid	10/5/2021 14:30	58915-017	PCBs in solids by Soxhlet 8082
B-1	Solid	10/5/2021 14:36	58915-018	PCBs in solids by Soxhlet 8082
B-2	Solid	10/5/2021 14:39	58915-019	PCBs in solids by Soxhlet 8082
B-3	Solid	10/5/2021 14:41	58915-020	PCBs in solids by Soxhlet 8082
B-4	Solid	10/5/2021 14:42	58915-021	PCBs in solids by Soxhlet 8082
B-5	Solid	10/5/2021 14:44	58915-022	PCBs in solids by Soxhlet 8082
F-0 DUP	Solid	10/5/2021 13:13	58915-023	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
L-60 DUP	Solid	10/5/2021 13:33	58915-024	PCBs in solids by Soxhlet 8082
B-6	Solid	10/5/2021 14:45	58915-025	PCBs in solids by Soxhlet 8082
CP-1	Wipe	10/5/2021 14:55	58915-026	PCBs in wipe by Soxhlet 8082 Report on Weight As Received basis
CP-2	Wipe	10/5/2021 14:56	58915-027	PCBs in wipe by Soxhlet 8082 Report on Weight As Received basis

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-001

Sample ID: F-0

Matrix: Solid Percent Dry: 89.1% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:08

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
PCB-1260	0.57	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	94	30-150	%	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A
decachlorobiphenyl SUR	104	30-150	%	1	DBV	10/12/21	14346	10/13/21	14:13	SW3540C8082A

Sample#: 58915-002

Sample ID: H-0

Matrix: Solid Percent Dry: 79.6% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:11

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.19	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
PCB-1260	4.1	0.19	ug/g	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A
decachlorobiphenyl SUR	105	30-150	%	1	DBV	10/12/21	14346	10/13/21	14:26	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-003

Sample ID: J-0

Matrix: Solid Percent Dry: 81.4% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:13

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
PCB-1260	5.8	0.17	ug/g	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A
decachlorobiphenyl SUR	90	30-150	%	1	DBV	10/12/21	14346	10/13/21	14:39	SW3540C8082A

Sample#: 58915-004

Sample ID: L-0

Matrix: Solid Percent Dry: 81.2% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:15

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
PCB-1254	1.2	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
PCB-1260	3.8	0.20	ug/g	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	106	30-150	%	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A
decachlorobiphenyl SUR	116	30-150	%	1	DBV	10/13/21	14352	10/14/21	12:52	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-005

Sample ID: N-0

Matrix: Solid Percent Dry: 90.6% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:17

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
PCB-1254	3.3	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
PCB-1260	2.5	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A
decachlorobiphenyl SUR	87	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:05	SW3540C8082A

Sample#: 58915-006

Sample ID: P-0

Matrix: Solid Percent Dry: 88.8% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:18

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
PCB-1260	0.26	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	94	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A
decachlorobiphenyl SUR	93	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:17	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-007

Sample ID: P-10

Matrix: Solid Percent Dry: 90.3% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:22

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
PCB-1260	0.19	0.17	ug/g	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	101	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A
decachlorobiphenyl SUR	97	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:30	SW3540C8082A

Sample#: 58915-008

Sample ID: P-20

Matrix: Solid Percent Dry: 89.5% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:24

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.16	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
PCB-1254	1.5	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
PCB-1260	2.5	0.16	ug/g	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A
decachlorobiphenyl SUR	112	30-150	%	1	DBV	10/13/21	14352	10/14/21	13:43	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-009

Sample ID: P-30

Matrix: Solid Percent Dry: 84.8% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:25

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
PCB-1260	0.45	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A
decachlorobiphenyl SUR	90	30-150	%	1	DBV	10/13/21	14352	10/14/21	17:51	SW3540C8082A

Sample#: 58915-010

Sample ID: P-40

Matrix: Solid Percent Dry: 79.2% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:26

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
PCB-1260	2.1	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A
decachlorobiphenyl SUR	96	30-150	%	1	DBV	10/13/21	14352	10/14/21	14:08	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-011

Sample ID: P-50

Matrix: Solid Percent Dry: 85.6% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:27

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
PCB-1254	1.2	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
PCB-1260	2.5	0.15	ug/g	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A
decachlorobiphenyl SUR	96	30-150	%	1	DBV	10/13/21	14352	10/14/21	14:21	SW3540C8082A

Sample#: 58915-012

Sample ID: P-60

Matrix: Solid Percent Dry: 88.6% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:28

Parameter	Reporting		Instr Dil'n		Prep			Analysis		Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
PCB-1260	0.20	0.18	ug/g	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A
decachlorobiphenyl SUR	103	30-150	%	1	DBV	10/13/21	14352	10/14/21	14:33	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-013

Sample ID: N-60

Matrix: Solid Percent Dry: 95.4% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 3.4	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
PCB-1221	< 3.4	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
PCB-1232	< 3.4	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
PCB-1242	< 3.4	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
PCB-1248	< 3.4	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
PCB-1254	25	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
PCB-1260	< 3.4	3.4	ug/g	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	DOR	30-150	%	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A
decachlorobiphenyl SUR	DOR	30-150	%	20	DBV	10/14/21	14352	10/15/21	14:33	SW3540C8082A

DOR = Diluted out of range.

Sample#: 58915-014

Sample ID: L-60

Matrix: Solid Percent Dry: 91% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:33

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
PCB-1260	0.27	0.17	ug/g	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A
decachlorobiphenyl SUR	94	30-150	%	1	DBV	10/14/21	14352	10/15/21	11:27	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-015

Sample ID: J-60

Matrix: Solid Percent Dry: 83.4% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:37

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
PCB-1254	0.27	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
PCB-1260	0.35	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A
decachlorobiphenyl SUR	104	30-150	%	1	DBV	10/14/21	14352	10/15/21	11:40	SW3540C8082A

Sample#: 58915-016

Sample ID: R-60

Matrix: Solid Percent Dry: 88.2% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:32

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
PCB-1260	1.3	0.18	ug/g	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	106	30-150	%	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A
decachlorobiphenyl SUR	108	30-150	%	1	DBV	10/14/21	14352	10/15/21	11:53	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-017

Sample ID: R-50

Matrix: Solid Percent Dry: 75.7% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 4.1	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
PCB-1221	< 4.1	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
PCB-1232	< 4.1	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
PCB-1242	< 4.1	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
PCB-1248	< 4.1	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
PCB-1254	27	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
PCB-1260	< 4.1	4.1	ug/g	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	DOR	30-150	%	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A
decachlorobiphenyl SUR	DOR	30-150	%	20	DBV	10/14/21	14352	10/15/21	14:46	SW3540C8082A

DOR = Diluted out of range.

Sample#: 58915-018

Sample ID: B-1

Matrix: Solid Percent Dry: 97.5% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:36

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
PCB-1254	0.37	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
PCB-1260	0.21	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A
decachlorobiphenyl SUR	106	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:18	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-019

Sample ID: B-2

Matrix: Solid Percent Dry: 96.8% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:39

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
PCB-1254	0.26	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
PCB-1260	0.41	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A
decachlorobiphenyl SUR	102	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:31	SW3540C8082A

Sample#: 58915-020

Sample ID: B-3

Matrix: Solid Percent Dry: 98.4% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:41

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
PCB-1254	0.54	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
PCB-1260	0.87	0.16	ug/g	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	99	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A
decachlorobiphenyl SUR	104	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:43	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-021

Sample ID: B-4

Matrix: Solid Percent Dry: 96.3% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:42

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.13	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
PCB-1221	< 0.13	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
PCB-1232	< 0.13	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
PCB-1242	< 0.13	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
PCB-1248	< 0.13	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
PCB-1254	0.31	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
PCB-1260	0.69	0.13	ug/g	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	95	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A
decachlorobiphenyl SUR	105	30-150	%	1	DBV	10/14/21	14352	10/15/21	12:56	SW3540C8082A

Sample#: 58915-022

Sample ID: B-5

Matrix: Solid Percent Dry: 97.1% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:44

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.15	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
PCB-1254	1.6	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
PCB-1260	0.77	0.15	ug/g	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	100	30-150	%	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A
decachlorobiphenyl SUR	114	30-150	%	1	DBV	10/14/21	14352	10/15/21	13:09	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-023

Sample ID: F-0 DUP

Matrix: Solid Percent Dry: 86.5% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:13

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
PCB-1260	0.73	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A
decachlorobiphenyl SUR	103	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:14	SW3540C8082A

Sample#: 58915-024

Sample ID: L-60 DUP

Matrix: Solid Percent Dry: 90.1% Results expressed on a dry weight basis.

Sampled: 10/5/21 13:33

Parameter	Reporting		Instr Dil'n		Prep		Analysis		Reference	
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date		Time
PCB-1016	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
PCB-1260	0.19	0.17	ug/g	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A
decachlorobiphenyl SUR	91	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:27	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-025

Sample ID: B-6

Matrix: Solid Percent Dry: 98.3% Results expressed on a dry weight basis.

Sampled: 10/5/21 14:45

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
PCB-1254	5.1	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A
decachlorobiphenyl SUR	97	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:40	SW3540C8082A

Sample#: 58915-026

Sample ID: CP-1

Matrix: Wipe

Sampled: 10/5/21 14:55

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
PCB-1221	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
PCB-1232	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
PCB-1242	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
PCB-1248	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
PCB-1254	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
PCB-1260	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	78	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A
decachlorobiphenyl SUR	88	30-150	%	1	DBV	10/18/21	14367	10/19/21	15:52	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-01

Job ID: 58915

Sample#: 58915-027

Sample ID: CP-2

Matrix: Wipe

Sampled: 10/5/21 14:56

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
PCB-1221	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
PCB-1232	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
PCB-1242	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
PCB-1248	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
PCB-1254	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
PCB-1260	< 0.5	0.5	ug/wipe	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	105	30-150	%	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A
decachlorobiphenyl SUR	119	30-150	%	1	DBV	10/18/21	14367	10/19/21	16:05	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 58915

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

PCB: The surrogates were diluted out of the calibration range in the following sample: 58915-013, and -017.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit	
SW3540C8082A	BLK14346	PCB-1016		< 0.17	ug/g						
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		< 0.17	ug/g						
		tetrachloro-m-xylene SUR		95	%			30	150		
		decachlorobiphenyl SUR		112	%			30	150		
SW3540C8082A	LCS14346	PCB-1016		2.9	ug/g	3.33	87	40	140		
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.9	ug/g	3.33	87	40	140		
		tetrachloro-m-xylene SUR		76	%			30	150		
		decachlorobiphenyl SUR		80	%			30	150		
SW3540C8082A	LCSD14346	PCB-1016		3.2	ug/g	3.33	95	40	140	8	30
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		3.3	ug/g	3.33	99	40	140	14	30
		tetrachloro-m-xylene SUR		84	%			30	150		
		decachlorobiphenyl SUR		96	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14352	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			69	%			30	150		
		decachlorobiphenyl SUR			78	%			30	150		
SW3540C8082A	LCS14352	PCB-1016			3.0	ug/g	3.33	89	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.8	ug/g	3.33	84	40	140		
		tetrachloro-m-xylene SUR			75	%			30	150		
		decachlorobiphenyl SUR			84	%			30	150		
SW3540C8082A	LCSD14352	PCB-1016			3.1	ug/g	3.33	92	40	140	3	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.1	ug/g	3.33	93	40	140	10	30
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			88	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14367	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			77	%			30	150		
		decachlorobiphenyl SUR			82	%			30	150		
SW3540C8082A	LCS14367	PCB-1016			3.1	ug/g	3.33	94	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.3	ug/g	3.33	98	40	140		
		tetrachloro-m-xylene SUR			90	%			30	150		
		decachlorobiphenyl SUR			96	%			30	150		
SW3540C8082A	LCSD14367	PCB-1016			3.9	ug/g	3.33	116	40	140	20	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			4.1	ug/g	3.33	122	40	140	22	30
		tetrachloro-m-xylene SUR			103	%			30	150		
		decachlorobiphenyl SUR			122	%			30	150		



124 Heritage Avenue #16
 Portsmouth, NH 03801
 603-436-2001
 absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
 AND ANALYSIS REQUEST**

58915

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
 Company Address: 173 Gray Rd. Falmouth, ME 04105
 Report To: AARON BRIGNULL
 Phone #: 207 253 1990
 Invoice to: same
 Email: abrignull@cegevvironmental.com
 PO #:

Project Name: DEP C Smith meddy
 Project #: 0821-391-01
 Project Location: NH MA ME VT VT
 Accreditation Required? N/Y: Y
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MIBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list:		
<input type="checkbox"/> Dissolved Metals-list:		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides
<input type="checkbox"/> Asbestos		

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
58915-01	F-0	1		✓							10/5/21	13:08	102
02	H-0											13:11	
03	J-0											13:13	
04	L-0											13:15	
05	N-0											13:17	
06	P-0											13:18	
07	P-10											13:22	
08	P-20											13:24	
09	P-30											13:25	
10	P-40											13:26	
11	P-50											13:27	

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

SPECIAL INSTRUCTIONS
Soxlet Extraction

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
 TEMPERATURE 0 °C

CUSTODY RECORD
 QSD-01 Revision 03/09/2020

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>10/6</u>	Time: <u>13:25</u>	Received by: <u>Mary Johnson</u>	Date: <u>10/6</u>	Time: <u>13:25</u>
Relinquished by: <u>[Signature]</u>	Date: <u>10/6</u>	Time: <u>15:05</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Laboratory: <u>[Signature]</u>	Date: <u>10/6</u>	Time: <u>1505</u>

Absolute Resource associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

SS915

ANALYSIS REQUEST

Company Name: **Campbell Environmental Group**
Company Address: **1736 Ray Rd. Falmouth, ME 04105**
Report To: **AARON BRIGNALL**
Phone #: **207 253 1990**
Invoice to: **Same**
Email: **ABrignall@cegenvironmental.com**
 Hard Copy Invoice Required PO # _____

Project Name: **DEPC. Smith Meddy**
Project #: **0821-391-01**
Project Location: **NH MA ME VT**
Accreditation Required? N/Y: **Y**
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote # _____
 NH Reimbursement Pricing

<input type="checkbox"/>	VOC 8260	<input type="checkbox"/>	VOC 8260 NHDDES	<input type="checkbox"/>	VOC 8260 MADEP	<input type="checkbox"/>	VOC 624	<input type="checkbox"/>	VOC BTEX MIBE, only	<input type="checkbox"/>	VOC 8021VT	<input type="checkbox"/>	VPH MADEP	<input type="checkbox"/>	GRO 8015	<input type="checkbox"/>	1,4-Dioxane	<input type="checkbox"/>	VOC 524.2	<input type="checkbox"/>	VOC 524.2 NH List	<input type="checkbox"/>	Gases-List:	<input type="checkbox"/>	TPH	<input type="checkbox"/>	DRG 8015	<input type="checkbox"/>	EPH MADEP	<input type="checkbox"/>	TPH Fingerprint	<input type="checkbox"/>	8270PAH	<input type="checkbox"/>	8270ABN	<input type="checkbox"/>	625	<input type="checkbox"/>	EDB	<input checked="" type="checkbox"/>	6082 PCB	<input type="checkbox"/>	8081 Pesticides	<input type="checkbox"/>	608 Pest/PCB	<input type="checkbox"/>	O&G 1664	<input type="checkbox"/>	Mineral O&G SM5520F	<input type="checkbox"/>	pH	<input type="checkbox"/>	BOD	<input type="checkbox"/>	Conductivity	<input type="checkbox"/>	Turbidity	<input type="checkbox"/>	Apparent Color	<input type="checkbox"/>	TSS	<input type="checkbox"/>	TDS	<input type="checkbox"/>	TS	<input type="checkbox"/>	TVS	<input type="checkbox"/>	Alkalinity	<input type="checkbox"/>	Acidity	<input type="checkbox"/>	RCRA Metals	<input type="checkbox"/>	Priority Pollutant Metals	<input type="checkbox"/>	TAL Metals	<input type="checkbox"/>	Hardness	<input type="checkbox"/>	Total Metals-list:	<input type="checkbox"/>	Dissolved Metals-list:	<input type="checkbox"/>	Ammonia	<input type="checkbox"/>	COD	<input type="checkbox"/>	TKN	<input type="checkbox"/>	TN	<input type="checkbox"/>	TON	<input type="checkbox"/>	TOC	<input type="checkbox"/>	T-Phosphorus	<input type="checkbox"/>	Phenols	<input type="checkbox"/>	Bacteria P/A	<input type="checkbox"/>	Bacteria MPN	<input type="checkbox"/>	Cyanide	<input type="checkbox"/>	Sulfide	<input type="checkbox"/>	Nitrate + Nitrite	<input type="checkbox"/>	Ortho P	<input type="checkbox"/>	Nitrate	<input type="checkbox"/>	Nitrite	<input type="checkbox"/>	Chloride	<input type="checkbox"/>	Sulfate	<input type="checkbox"/>	Bromide	<input type="checkbox"/>	Fluoride	<input type="checkbox"/>	Corrosivity	<input type="checkbox"/>	Reactive CN	<input type="checkbox"/>	Reactive S-	<input type="checkbox"/>	Ignitibility/FP	<input type="checkbox"/>	TCLP Metals	<input type="checkbox"/>	TCLP VOC	<input type="checkbox"/>	TCLP SVOC	<input type="checkbox"/>	TCLP Pesticide	<input type="checkbox"/>	Subcontract:	<input type="checkbox"/>	Grain Size	<input type="checkbox"/>	Herbicides	<input type="checkbox"/>	Formaldehyde	<input type="checkbox"/>	PFC
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
SS915-12	P-60	1		✓							10/6/21	13:28	ABR
13	N-60	1		✓								13:25	
14	L-60	1		✓								13:33	
15	J-60	1										13:37	
16	R-60	1										14:32	
17	R-50	1										14:30	
18	R-20 B-1	1										14:36	
19	R-20 B-2	1										14:39	
20	T-20 B-3	1										14:41	
21	T-20 B-4	1										14:42	
22	V-20 B-5	1										14:44	

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
 HARD COPY REQUIRED EDD _____

SPECIAL INSTRUCTIONS
Soxlet Extraction

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
TEMPERATURE **0** °C

CUSTODY RECORD
QSD-01 Revision 12/22/16

Relinquished by Sampler: <i>RA Gentry</i>	Date 10/6/21	Time 13:25	Received by: <i>Mary A Johnson</i>
Relinquished by: <i>Mary A Johnson</i>	Date 10/6	Time 15:05	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Date 10/6	Time 15:05
--------------	---------------

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

58915
Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 1736 Gray Rd. Falmouth, ME 04005
Report To: AARON BRIGNOLI
Phone #: 207 253 9990
Invoice to: SANC
Email: abrignoli@cegenvironmental.com
PO #:

Project Name: DEPC Smith meddy
Project #: 0821-391-01
Project Location: NH MA ME VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260 NIDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH
<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB
<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> O&G 1664
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD
<input type="checkbox"/> pH	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness
<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD
<input type="checkbox"/> Ammonia	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos
<input type="checkbox"/> PFAS			

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling					
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER			
58915-23	V-20	1		X												
-24	X-10	1		X												
-65	X-20	1		X												
-26	CONCRETE	1														
-27	SUB BC	1														
-23-28	F-0 Dup	1											13:13			
-24-29	L-60 Dup	1											13:33			
-25-30	B-6	1											14:45			
-26-31	CP-1	1											14:55			
-27-32	CP-2	1											14:56			
-28-33	TBSM 10/7/21	1														

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
SPECIAL INSTRUCTIONS
Soxlet extraction for PCBs

REPORTING INSTRUCTIONS PDF (e-mail address)
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 0 °C

CUSTODY RECORD
QSD-01 Revision 11/06/19

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	10/6/21	13:25	<u>[Signature]</u>	10/6	13:25
Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	10/6	15:05			
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
			<u>[Signature]</u>	10/6	15:05

Sample Receipt Condition Report

58915

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -
 Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No
 Receipt Temp: 10 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No
 PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:	
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 Pest608 Bacteria ResCl ✓ by analyst PC Dry applicable? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
HNO ₃	125mL(P)	250mL(P)	500mL(P)					
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)			
NaOH	125mL(P)	250mL(P)						
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)					
ZnAc-NaOH	125mL(P)	250mL(P)						
Trizma	125mL(P)	250mL (P)						
NH ₄ Ac	125mL(P)	250mL (P)						
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)						
MeOH	20mL(G)	40mL(G)						
None (solid)	2oz(G)	4oz(G)	8oz(G)	Syringe				
None (water)	40ml (G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)			
						1L(G)		1L (P)
Mold	Cassette	Bulk	Plate	Tape Lift				
Asbestos	Cassette	Bulk						
Lead	Cassette	Bulk	Wipe					

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	<input checked="" type="checkbox"/>			
Analyses marked on COC match bottles received?	<input checked="" type="checkbox"/>			
VOC & TOC Water-no headspace?			<input checked="" type="checkbox"/>	
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			<input checked="" type="checkbox"/>	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			<input checked="" type="checkbox"/>	Lot ID#: _____
Bacteria bottles provided by ARA?			<input checked="" type="checkbox"/>	
Samples within holding time?	<input checked="" type="checkbox"/>			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/ <i>E. coli</i> (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			<input checked="" type="checkbox"/>	
Date, time & ID on samples match CoC?	<input checked="" type="checkbox"/>			
Rushes communicated to analyst in writing?			<input checked="" type="checkbox"/>	
Subcontract note on login board?			<input checked="" type="checkbox"/>	
Pesticides EPA 608 pH5-9?			<input checked="" type="checkbox"/>	
Compliance samples have no discrepancies/require no flags?			<input checked="" type="checkbox"/>	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			<input checked="" type="checkbox"/>	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: SEM

 Date/Time: 10/12/21 9:21

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HT's communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 59196
Date Received: 10/29/21

Project: DEP C Smith Meddy 0821-391-00 #11

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'A. DeWees', written in a cursive style.

Aaron DeWees
Chief Operating Officer

Date of Approval: 11/8/2021
Total number of pages: 29

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
L-(10)	Solid	10/28/2021 11:36	59196-001	PCBs in solids by Soxhlet 8082 Rush TAT Surcharge (50%) 22 Samples @ 72hr TAT
N-70	Solid	10/28/2021 12:40	59196-002	PCBs in solids by Soxhlet 8082
N(10)	Solid	10/28/2021 11:46	59196-003	PCBs in solids by Soxhlet 8082
J(10)	Solid	10/28/2021 11:42	59196-004	PCBs in solids by Soxhlet 8082
P(10)	Solid	10/28/2021 11:47	59196-005	PCBs in solids by Soxhlet 8082
H(10)	Solid	10/28/2021 11:37	59196-006	PCBs in solids by Soxhlet 8082
F(10)	Solid	10/28/2021 11:39	59196-007	PCBs in solids by Soxhlet 8082
L70	Solid	10/28/2021 12:44	59196-008	PCBs in solids by Soxhlet 8082
P70	Solid	10/28/2021 12:35	59196-009	PCBs in solids by Soxhlet 8082
R-10	Solid	10/28/2021 11:51	59196-010	PCBs in solids by Soxhlet 8082
T-40	Solid	10/28/2021 12:17	59196-011	PCBs in solids by Soxhlet 8082
EQ Blk	Water	10/28/2021 12:48	59196-012	PCBs in water by 8082
N(20)	Solid	10/28/2021 11:30	59196-013	PCBs in solids by Soxhlet 8082
L(20)	Solid	10/28/2021 11:28	59196-014	PCBs in solids by Soxhlet 8082
J(20)	Solid	10/28/2021 11:26	59196-015	PCBs in solids by Soxhlet 8082
H(20)	Solid	10/28/2021 11:22	59196-016	PCBs in solids by Soxhlet 8082
F(20)	Solid	10/28/2021 11:18	59196-017	PCBs in solids by Soxhlet 8082
V-30	Solid	10/28/2021 12:02	59196-018	PCBs in solids by Soxhlet 8082
V-40	Solid	10/28/2021 12:04	59196-019	PCBs in solids by Soxhlet 8082
V-50	Solid	10/28/2021 12:06	59196-020	PCBs in solids by Soxhlet 8082
V-60	Solid	10/28/2021 12:08	59196-021	PCBs in solids by Soxhlet 8082
V-70	Solid	10/28/2021 12:10	59196-022	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
F(20)DUP	Solid	10/28/2021 11:18	59196-023	PCBs in solids by Soxhlet 8082
R80	Solid	10/28/2021 12:31	59196-024	PCBs in solids by Soxhlet 8082
R-40	Solid	10/28/2021 12:21	59196-025	PCBs in solids by Soxhlet 8082
R-70	Solid	10/28/2021 12:27	59196-026	PCBs in solids by Soxhlet 8082
N-80	Solid	10/28/2021 12:38	59196-027	PCBs in solids by Soxhlet 8082
P-80	Solid	10/28/2021 12:37	59196-028	PCBs in solids by Soxhlet 8082
T-70	Solid	10/28/2021 12:23	59196-029	PCBs in solids by Soxhlet 8082
T-60	Solid	10/28/2021 12:21	59196-030	PCBs in solids by Soxhlet 8082
P-70 DUP	Solid	10/28/2021 12:35	59196-031	PCBs in solids by Soxhlet 8082
T-50	Solid	10/28/2021 12:18	59196-032	PCBs in solids by Soxhlet 8082

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-001

Sample ID: L-(10)

Matrix: Solid Percent Dry: 83.7% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:36

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
PCB-1260	0.73	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A
decachlorobiphenyl SUR	91	30-150	%	1	ACA	11/1/21	14409	11/2/21	18:22	SW3540C8082A

Sample#: 59196-002

Sample ID: N-70

Matrix: Solid Percent Dry: 87.9% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:40

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
PCB-1260	0.37	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A
decachlorobiphenyl SUR	66	30-150	%	1	ACA	11/1/21	14409	11/2/21	18:35	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-003

Sample ID: N(10)

Matrix: Solid Percent Dry: 84.1% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:46

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
PCB-1260	0.51	0.16	ug/g	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	ACA	11/1/21	14409	11/2/21	18:47	SW3540C8082A

Sample#: 59196-004

Sample ID: J(10)

Matrix: Solid Percent Dry: 78.1% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:42

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
PCB-1260	1.9	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A
decachlorobiphenyl SUR	66	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:00	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-005

Sample ID: P(10)

Matrix: Solid Percent Dry: 83.6% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:47

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:12	SW3540C8082A

Sample#: 59196-006

Sample ID: H(10)

Matrix: Solid Percent Dry: 86.8% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:37

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
PCB-1260	1.3	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:25	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-007

Sample ID: F(10)

Matrix: Solid Percent Dry: 79.2% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:39

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
PCB-1260	1.4	0.21	ug/g	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:38	SW3540C8082A

Sample#: 59196-008

Sample ID: L70

Matrix: Solid Percent Dry: 75.7% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:44

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
PCB-1260	< 0.20	0.20	ug/g	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	72	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A
decachlorobiphenyl SUR	58	30-150	%	1	ACA	11/1/21	14409	11/2/21	19:50	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-009

Sample ID: P70

Matrix: Solid Percent Dry: 78% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:35

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
PCB-1260	0.28	0.17	ug/g	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A
decachlorobiphenyl SUR	65	30-150	%	1	ACA	11/1/21	14409	11/2/21	20:03	SW3540C8082A

Sample#: 59196-010

Sample ID: R-10

Matrix: Solid Percent Dry: 81.4% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:51

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.18	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
PCB-1260	0.43	0.18	ug/g	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	97	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A
decachlorobiphenyl SUR	94	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:03	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-011

Sample ID: T-40

Matrix: Solid Percent Dry: 75.2% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:17

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
PCB-1221	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
PCB-1232	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
PCB-1242	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
PCB-1248	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
PCB-1254	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
PCB-1260	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:16	SW3540C8082A

Sample#: 59196-012

Sample ID: EQ Blk

Matrix: Water

Sampled: 10/28/21 12:48

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
PCB-1221	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
PCB-1232	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
PCB-1242	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
PCB-1248	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
PCB-1254	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
PCB-1260	< 0.4	0.4	ug/L	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	70	30-150	%	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A
decachlorobiphenyl SUR	80	30-150	%	1	ACA	11/2/21	14403	11/2/21	16:02	SW3510C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-013

Sample ID: N(20)

Matrix: Solid Percent Dry: 90.3% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:30

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
PCB-1260	0.20	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A
decachlorobiphenyl SUR	89	30-150	%	1	ACA	11/2/21	14409	11/3/21	13:13	SW3540C8082A

Sample#: 59196-014

Sample ID: L(20)

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:28

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	ACA	11/3/21	14419	11/4/21	12:26	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-015

Sample ID: J(20)

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:26

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A
decachlorobiphenyl SUR	78	30-150	%	1	ACA	11/3/21	14419	11/4/21	12:39	SW3540C8082A

Sample#: 59196-016

Sample ID: H(20)

Matrix: Solid Percent Dry: 77.3% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:22

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.21	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
PCB-1260	1.1	0.21	ug/g	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	92	30-150	%	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A
decachlorobiphenyl SUR	85	30-150	%	1	ACA	11/3/21	14419	11/4/21	12:51	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-017

Sample ID: F(20)

Matrix: Solid Percent Dry: 79% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:18

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	98	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A
decachlorobiphenyl SUR	84	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:04	SW3540C8082A

Sample#: 59196-018

Sample ID: V-30

Matrix: Solid Percent Dry: 80.9% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:02

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
PCB-1260	< 0.20	0.20	ug/g	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	89	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:16	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-019

Sample ID: V-40

Matrix: Solid Percent Dry: 88.4% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:04

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	89	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:29	SW3540C8082A

Sample#: 59196-020

Sample ID: V-50

Matrix: Solid Percent Dry: 84.7% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:06

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A
decachlorobiphenyl SUR	62	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:42	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-021

Sample ID: V-60

Matrix: Solid Percent Dry: 91% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:08

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	11/3/21	14419	11/4/21	13:54	SW3540C8082A

Sample#: 59196-022

Sample ID: V-70

Matrix: Solid Percent Dry: 66.5% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:10

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
PCB-1221	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
PCB-1232	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
PCB-1242	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
PCB-1248	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
PCB-1254	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
PCB-1260	< 0.23	0.23	ug/g	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A
decachlorobiphenyl SUR	66	30-150	%	1	ACA	11/3/21	14419	11/4/21	14:07	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-023

Sample ID: F(20)DUP

Matrix: Solid Percent Dry: 77.9% Results expressed on a dry weight basis.

Sampled: 10/28/21 11:18

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
PCB-1260	1.5	0.20	ug/g	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A
decachlorobiphenyl SUR	59	30-150	%	1	ACA	11/4/21	14419	11/5/21	10:42	SW3540C8082A

Sample#: 59196-024

Sample ID: R80

Matrix: Solid Percent Dry: 80.1% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:31

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
PCB-1260	3.0	0.21	ug/g	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	116	30-150	%	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A
decachlorobiphenyl SUR	78	30-150	%	1	ACA	11/4/21	14419	11/5/21	10:54	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-025

Sample ID: R-40

Matrix: Solid Percent Dry: 83.3% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:21

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
PCB-1260	0.27	0.16	ug/g	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A
decachlorobiphenyl SUR	68	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:28	SW3540C8082A

Sample#: 59196-026

Sample ID: R-70

Matrix: Solid Percent Dry: 80.4% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:27

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
PCB-1260	3.4	0.19	ug/g	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	98	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:41	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-027

Sample ID: N-80

Matrix: Solid Percent Dry: 78.1% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:38

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
PCB-1260	0.27	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	11/2/21	14409	11/3/21	10:54	SW3540C8082A

Sample#: 59196-028

Sample ID: P-80

Matrix: Solid Percent Dry: 90.7% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:37

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A
decachlorobiphenyl SUR	64	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:06	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-029

Sample ID: T-70

Matrix: Solid Percent Dry: 83.5% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:23

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	95	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A
decachlorobiphenyl SUR	82	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:19	SW3540C8082A

Sample#: 59196-030

Sample ID: T-60

Matrix: Solid Percent Dry: 73.2% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:21

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
PCB-1254	0.52	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
PCB-1260	0.57	0.21	ug/g	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	94	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A
decachlorobiphenyl SUR	92	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:32	SW3540C8082A

Project ID: DEP C Smith Meddy 0821-391-00 #11

Job ID: 59196

Sample#: 59196-031

Sample ID: P-70 DUP

Matrix: Solid Percent Dry: 73.4% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:35

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
PCB-1221	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
PCB-1232	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
PCB-1242	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
PCB-1248	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
PCB-1254	< 0.22	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
PCB-1260	0.41	0.22	ug/g	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	105	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:44	SW3540C8082A

Sample#: 59196-032

Sample ID: T-50

Matrix: Solid Percent Dry: 81.1% Results expressed on a dry weight basis.

Sampled: 10/28/21 12:18

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
PCB-1254	0.53	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
PCB-1260	< 0.20	0.20	ug/g	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	95	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	ACA	11/2/21	14409	11/3/21	11:57	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
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Case Narrative

Lab # 59196

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3510C8082A	BLK14403	PCB-1016		<	0.40	ug/L						
		PCB-1221		<	0.40	ug/L						
		PCB-1232		<	0.40	ug/L						
		PCB-1242		<	0.40	ug/L						
		PCB-1248		<	0.40	ug/L						
		PCB-1254		<	0.40	ug/L						
		PCB-1260		<	0.40	ug/L						
		tetrachloro-m-xylene SUR			67	%			30	150		
		decachlorobiphenyl SUR			66	%			30	150		
SW3510C8082A	LCS14403	PCB-1016			0.8	ug/L	1	75	40	140		
		PCB-1221		<	0.4	ug/L						
		PCB-1232		<	0.4	ug/L						
		PCB-1242		<	0.4	ug/L						
		PCB-1248		<	0.4	ug/L						
		PCB-1254		<	0.4	ug/L						
		PCB-1260			0.7	ug/L	1	71	40	140		
		tetrachloro-m-xylene SUR			64	%			30	150		
		decachlorobiphenyl SUR			68	%			30	150		
SW3510C8082A	LCSD14403	PCB-1016			0.7	ug/L	1	72	40	140	5	20
		PCB-1221		<	0.4	ug/L						
		PCB-1232		<	0.4	ug/L						
		PCB-1242		<	0.4	ug/L						
		PCB-1248		<	0.4	ug/L						
		PCB-1254		<	0.4	ug/L						
		PCB-1260			0.7	ug/L	1	74	40	140	4	20
		tetrachloro-m-xylene SUR			66	%			30	150		
		decachlorobiphenyl SUR			73	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14409	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			82	%			30	150		
		decachlorobiphenyl SUR			74	%			30	150		
SW3540C8082A	LCS14409	PCB-1016			2.9	ug/g	3.33	88	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	79	40	140		
		tetrachloro-m-xylene SUR			79	%			30	150		
		decachlorobiphenyl SUR			68	%			30	150		
SW3540C8082A	LCSD14409	PCB-1016			2.9	ug/g	3.33	88	40	140	0	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.8	ug/g	3.33	84	40	140	7	30
		tetrachloro-m-xylene SUR			74	%			30	150		
		decachlorobiphenyl SUR			78	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14419	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			70	%			30	150		
SW3540C8082A	LCS14419	PCB-1016			3.2	ug/g	3.33	95	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.8	ug/g	3.33	85	40	140		
		tetrachloro-m-xylene SUR			88	%			30	150		
		decachlorobiphenyl SUR			76	%			30	150		
SW3540C8082A	LCSD14419	PCB-1016			3.1	ug/g	3.33	93	40	140	2	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.8	ug/g	3.33	84	40	140	2	30
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			72	%			30	150		



124 Heritage Avenue #16
 Portsmouth, NH 03801
 603-436-2001
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**CHAIN-OF-CUSTODY RECORD
 AND ANALYSIS REQUEST**

59196

ANALYSIS REQUEST

Company Name: Campbell Environ mental 680 P
 Company Address: 173 Gray Rd Falmouth ME
 Report To: A Brignull
 Phone #: 207 253 1990
 Invoice to: same
 Email: abrignull@ceyenviromental.com
 PO #:

Project Name: DEP Smith Medley
 Project #: 0821-391-00 #11
 Project Location: NH MA/ME VT
 Accreditation Required? N/Y: Y
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote # _____
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MIBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list:		
<input type="checkbox"/> Dissolved Metals-list:		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides
<input type="checkbox"/> Grab (G) or Composite (C)		

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59196-01	L-10	1		X							10/28	11:36	RMP
-02	N-70											12:40	
-03	N-70 N(10)											11:46	
-04	J(10)											11:42	
-05	P(10)											11:47	
-06	H(10)											11:37	
-07	F(10)											11:39	
-08	L 70											12:44	
-09	P 70											12:35	
-10	R-10											11:51	
-11	T-40											12:17	

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

SPECIAL INSTRUCTIONS
Soxlet please

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
 TEMPERATURE 2 °C

CUSTODY RECORD
 QSD-01 Revision 09/16/2021

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>10/29/24</u>	Time: <u>13:25</u>	Received by: <u>[Signature]</u>	Date: <u>10/29</u>	Time: <u>1:25</u>
Relinquished by: <u>[Signature]</u>	Date: <u>10/29</u>	Time: <u>13:26</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Laboratory:	Date: <u>10/29</u>	Time: <u>1506</u>

Absolute Resource

associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group

Company Address: 173 Gray Rd. Falmouth ME

Report To: ARON BRIGNOLI

Phone #: 207 253 1990

Invoice to: SAME

Email: abrignoli@cegenviromental.com

PO #:

Project Name: DEPC Smith meddy

Project #: 0821-391-00 #11

Project Location: NH MA ME VT

Accreditation Required? N/Y: Y

Protocol: RCRA SDWA NPDES
MCP NHDES DOD

Reporting Limits: QAPP GW-1 S-1
EPA DW Other

Quote #

NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT	
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRP 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664		
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness
<input type="checkbox"/> Total Metals-list:			
<input type="checkbox"/> Dissolved Metals-list:			
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP		
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos
<input type="checkbox"/> Grab (G) or Composite (C)			

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
-12	EQ BIK	1	X								10/28/21	12:48	ABRC
-13	N (20)			X								11:30	
-14	L (20)											11:28	
-15	J (20)											11:26	
-16	H (20)											11:22	
-17	F (20)											11:18	
-18	V-30											12:02	
-19	V-40											12:04	
-20	V-50											12:06	
-21	V-60											12:08	
-22	V-70											12:10	

TAT REQUESTED

Priority (24 hr)*

Expedited (48 hr)*

Standard (10 Business Days)

*Date Needed _____

SPECIAL INSTRUCTIONS

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SOXlet please

REPORTING INSTRUCTIONS PDF (e-mail address) _____

HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO

TEMPERATURE _____ °C

CUSTODY RECORD

OSD-01 Revision 09/16/2021

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>10/24</u>	Time: <u>13:25</u>	Received by: <u>[Signature]</u>	Date: <u>10/29</u>	Time: <u>12:25</u>
Relinquished by: <u>[Signature]</u>	Date: <u>10/29</u>	Time: <u>15:06</u>	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by Laboratory: <u>[Signature]</u>	Date: <u>10/29</u>	Time: <u>15:06</u>

Absolute Resource
associates

124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth ME
Report To: ARON BRIGMILL
Phone #: 207 253 1990
Invoice to: Same
Email: Abrigmill@cegenvironmental.com
PO #:

Project Name:
Project #: 0021-391-00#11
Project Location: NH MA ME VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

ANALYSIS REQUEST

- VOC 8260 VOC 8260 NHDES VOC 8260 MADEP
- VOC 624.1 VOC BTEX MBE, only VOC 8021VT
- VPH MADEP GRO 8015 1,4-Dioxane
- VOC 524.2 VOC 524.2 NH List Gases-List:
- TPH 8100 DRO 8015 EPH MADEP TPH Fingerprint
- 8270PAH 8270ABN 625.1 EDB
- 8082 PCB 8081 Pesticides 608.3 Pest/PCB
- PFAS 537.1 PFAS 533 PFAS isotope dilution
- O&G 1664 Mineral O&G 1664
- pH BOD Conductivity Turbidity Apparent Color
- TSS TDS TS TVS Alkalinity Acidity
- RCRA Metals Priority Pollutant Metals TAL Metals Hardness
- Total Metals-list:
- Dissolved Metals-list:
- Ammonia COD TKN TN TOC TOC Ferrous Iron
- T-Phosphorus Bacteria P/A Bacteria MPN Enterococci
- Cyanide Sulfide Nitrate + Nitrite Ortho P Phenols
- Nitrate Nitrite Chloride Sulfate Bromide Fluoride
- Corrosivity Ignitibility/FP
- TCLP Metals TCLP VOC TCLP SVOC TCLP Pesticide
- Subcontract: Grain Size Herbicides Asbestos

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
-23	F (20) DUP 1	1	X								10/28/21	11:18	39C
-24	R 80											12:31	
-25	R-40 R-40											12:21	
-26	R-70 R-70											12:27	
-27	N-80											12:38	
-28	P-80											12:37	
-29	T-70											12:23	
-30	T-60											12:21	
-31	P-70 DUP											12:35	
-32	T-50											12:18	

Expedite 48-hr all BUT 1ST TWO

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed _____

SPECIAL INSTRUCTIONS
Expedite 48hr → R-70, R-40, T-70, P-70, P-70 DUP → T-60, T-50
soxlet please

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE _____ °C

CUSTODY RECORD
QSD-01 Revision 09/16/2021

Relinquished by Sampler: <i>[Signature]</i>	Date <u>10/29/21</u>	Time <u>13:25</u>	Received by: <i>[Signature]</i>	Date <u>10/29</u>	Time <u>1:25</u>
Relinquished by: <i>[Signature]</i>	Date <u>10/29</u>	Time <u>15:06</u>	Received by:	Date	Time
Relinquished by:	Date	Time	Received by Laboratory: <i>[Signature]</i>	Date <u>10/29</u>	Time <u>15:06</u>

Sample Receipt Condition Report

59196

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 2 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:			
HCl	40mL(G)		250mL(P)		500mL(P)		1L(G)			
HNO ₃	125mL(P)		250mL(P)		500mL(P)					
H ₂ SO ₄	40mL(G)		60mL(P)		125mL(P)		250mL(P)		500mL(P)	
NaOH	125mL(P)		250mL(P)							
(NH ₄) ₂ SO ₄	60mL(P)		125mL(P)		250mL(P)					
ZnAc-NaOH	125mL(P)		250mL(P)							
Trizma	125mL(P)		250mL (P)							
NH ₄ Ac	125mL(P)		250mL (P)							
Na ₂ S ₂ O ₃	40mL(G)		120mL(P)							
MeOH	20mL(G)		40mL(G)							
None (solid)	2oz(G)	31	4oz(G)	8oz(G)	Syringe					
None (water)	40ml (G)		60mL(P)	125mL(P)	250mL(P)		500mL(P)			
							1L(G)		1L (P)	
Mold	Cassette		Bulk		Plate					
Asbestos	Cassette		Bulk							
Lead	Cassette		Bulk		Wipe					

*pH ✓ by analyst: VOC, PFAS, TOC, O&G
 Residual Cl not present:
 ABN625 _____ Pest608 _____
 Bacteria ResCl ✓ by analyst

PC Dry applicable? Y N

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?				
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?	X			AS
Subcontract note on login board?			X	
Pesticides EPA 608 pH5-9?			J	
Compliance samples have no discrepancies/require no flags?			J	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			J	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: RLM

 Date/Time: 10/28 1604

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HT's communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 59344
Date Received: 11/11/21

Project: DEP Meddy 0821-391-01 #11

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'A. DeWees', written in a cursive style.

Aaron DeWees
Chief Operating Officer

Date of Approval: 11/17/2021
Total number of pages: 25

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
U-60	Solid	11/9/2021 12:45	59344-001	PCBs in solids by Soxhlet 8082 Rush TAT Surcharge (50%)
U-70	Solid	11/9/2021 12:50	59344-002	PCBs in solids by Soxhlet 8082
U-50	Solid	11/9/2021 12:53	59344-003	PCBs in solids by Soxhlet 8082
T-70A	Solid	11/9/2021 13:06	59344-004	PCBs in solids by Soxhlet 8082
T-80A	Solid	11/9/2021 13:10	59344-005	PCBs in solids by Soxhlet 8082
T-85A	Solid	11/9/2021 13:13	59344-006	PCBs in solids by Soxhlet 8082
R-85	Solid	11/9/2021 13:26	59344-007	PCBs in solids by Soxhlet 8082
P-85	Solid	11/9/2021 13:28	59344-008	PCBs in solids by Soxhlet 8082
R-90	Solid	11/9/2021 13:33	59344-009	PCBs in solids by Soxhlet 8082
P-90	Solid	11/9/2021 13:36	59344-010	PCBs in solids by Soxhlet 8082
11/9 EQ BLK	Water	11/9/2021 15:00	59344-011	PCBs in water by 8082
K(10)	Solid	11/9/2021 14:07	59344-012	PCBs in solids by Soxhlet 8082
K(10)DUP	Solid	11/9/2021 14:07	59344-013	PCBs in solids by Soxhlet 8082
K(20)	Solid	11/9/2021 14:11	59344-014	PCBs in solids by Soxhlet 8082
I(20)	Solid	11/9/2021 14:36	59344-015	PCBs in solids by Soxhlet 8082
I(25)	Solid	11/9/2021 14:39	59344-016	PCBs in solids by Soxhlet 8082
H(25)	Solid	11/9/2021 14:41	59344-017	PCBs in solids by Soxhlet 8082
F(25)	Solid	11/9/2021 14:44	59344-018	PCBs in solids by Soxhlet 8082
D(20)	Solid	11/9/2021 14:48	59344-019	PCBs in solids by Soxhlet 8082
D(25)	Solid	11/9/2021 14:51	59344-020	PCBs in solids by Soxhlet 8082
D(25)DUP	Solid	11/9/2021 14:51	59344-021	PCBs in solids by Soxhlet 8082
D(0)	Solid	11/9/2021 14:54	59344-022	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
D(10)	Solid	11/9/2021 14:53	59344-023	PCBs in solids by Soxhlet 8082

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-001

Sample ID: U-60

Matrix: Solid Percent Dry: 74.7% Results expressed on a dry weight basis.

Sampled: 11/9/21 12:45

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
PCB-1254	0.26	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
PCB-1260	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A
decachlorobiphenyl SUR	63	30-150	%	1	DBV	11/12/21	14453	11/15/21	13:25	SW3540C8082A

Sample#: 59344-002

Sample ID: U-70

Matrix: Solid Percent Dry: 82.6% Results expressed on a dry weight basis.

Sampled: 11/9/21 12:50

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A
decachlorobiphenyl SUR	61	30-150	%	1	DBV	11/12/21	14453	11/15/21	13:37	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-003

Sample ID: U-50

Matrix: Solid Percent Dry: 76% Results expressed on a dry weight basis.

Sampled: 11/9/21 12:53

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
PCB-1254	3.5	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
PCB-1260	0.53	0.21	ug/g	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A
decachlorobiphenyl SUR	78	30-150	%	1	DBV	11/12/21	14453	11/15/21	13:50	SW3540C8082A

Sample#: 59344-004

Sample ID: T-70A

Matrix: Solid Percent Dry: 80.3% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:06

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
PCB-1260	0.24	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	DBV	11/12/21	14453	11/15/21	14:03	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-005

Sample ID: T-80A

Matrix: Solid Percent Dry: 84.4% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:10

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
PCB-1260	0.67	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A
decachlorobiphenyl SUR	61	30-150	%	1	DBV	11/13/21	14453	11/15/21	14:15	SW3540C8082A

Sample#: 59344-006

Sample ID: T-85A

Matrix: Solid Percent Dry: 85.5% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:13

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
PCB-1260	2.7	0.18	ug/g	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	99	30-150	%	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A
decachlorobiphenyl SUR	88	30-150	%	1	DBV	11/12/21	14453	11/15/21	14:28	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-007

Sample ID: R-85

Matrix: Solid Percent Dry: 83% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:26

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
PCB-1260	0.27	0.19	ug/g	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	11/12/21	14453	11/15/21	14:41	SW3540C8082A

Sample#: 59344-008

Sample ID: P-85

Matrix: Solid Percent Dry: 85.1% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:28

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A
decachlorobiphenyl SUR	85	30-150	%	1	DBV	11/12/21	14453	11/15/21	23:59	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-009

Sample ID: R-90

Matrix: Solid Percent Dry: 85.4% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:33

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
PCB-1260	0.35	0.17	ug/g	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	104	30-150	%	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	11/12/21	14453	11/15/21	15:06	SW3540C8082A

Sample#: 59344-010

Sample ID: P-90

Matrix: Solid Percent Dry: 87.6% Results expressed on a dry weight basis.

Sampled: 11/9/21 13:36

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	11/13/21	14453	11/15/21	15:19	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-011

Sample ID: 11/9 EQ BLK

Matrix: Water

Sampled: 11/9/21 15:00

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
PCB-1221	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
PCB-1232	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
PCB-1242	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
PCB-1248	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
PCB-1254	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
PCB-1260	< 0.2	0.2	ug/L	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	62	30-150	%	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A
decachlorobiphenyl SUR	60	30-150	%	1	DBV	11/15/21	14459	11/15/21	20:36	SW3510C8082A

Sample#: 59344-012

Sample ID: K(10)

Matrix: Solid

Percent Dry: 84.2% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:07

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
PCB-1260	1.5	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:09	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-013

Sample ID: K(10)DUP

Matrix: Solid Percent Dry: 81.6% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:07

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
PCB-1260	1.7	0.20	ug/g	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:22	SW3540C8082A

Sample#: 59344-014

Sample ID: K(20)

Matrix: Solid Percent Dry: 94.2% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:11

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
PCB-1260	1.5	0.15	ug/g	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A
decachlorobiphenyl SUR	78	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:35	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-015

Sample ID: I(20)

Matrix: Solid Percent Dry: 84.3% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:36

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A
decachlorobiphenyl SUR	63	30-150	%	1	DBV	11/13/21	14453	11/15/21	16:47	SW3540C8082A

Sample#: 59344-016

Sample ID: I(25)

Matrix: Solid Percent Dry: 95.4% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:39

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	69	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A
decachlorobiphenyl SUR	58	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:00	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-017

Sample ID: H(25)

Matrix: Solid Percent Dry: 86.6% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:41

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:13	SW3540C8082A

Sample#: 59344-018

Sample ID: F(25)

Matrix: Solid Percent Dry: 78.1% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:44

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
PCB-1260	3.0	0.21	ug/g	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	78	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:26	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-019

Sample ID: D(20)

Matrix: Solid Percent Dry: 83.5% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:48

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
PCB-1260	2.2	0.19	ug/g	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A
decachlorobiphenyl SUR	58	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:38	SW3540C8082A

Sample#: 59344-020

Sample ID: D(25)

Matrix: Solid Percent Dry: 85.8% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:51

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
PCB-1260	0.63	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	11/13/21	14453	11/15/21	17:51	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-021

Sample ID: D(25)DUP

Matrix: Solid Percent Dry: 84.8% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:51

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
PCB-1260	0.70	0.16	ug/g	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	78	30-150	%	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A
decachlorobiphenyl SUR	66	30-150	%	1	DBV	11/13/21	14453	11/15/21	18:04	SW3540C8082A

Sample#: 59344-022

Sample ID: D(0)

Matrix: Solid Percent Dry: 84% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:54

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
PCB-1260	0.20	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	11/14/21	14455	11/15/21	18:54	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #11

Job ID: 59344

Sample#: 59344-023

Sample ID: D(10)

Matrix: Solid

Percent Dry: 86.8% Results expressed on a dry weight basis.

Sampled: 11/9/21 14:53

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
PCB-1260	0.42	0.19	ug/g	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	DBV	11/14/21	14455	11/15/21	19:07	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
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Case Narrative

Lab # 59344

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3510C8082A	BLK14459	PCB-1016		<	0.20	ug/L						
		PCB-1221		<	0.20	ug/L						
		PCB-1232		<	0.20	ug/L						
		PCB-1242		<	0.20	ug/L						
		PCB-1248		<	0.20	ug/L						
		PCB-1254		<	0.20	ug/L						
		PCB-1260		<	0.20	ug/L						
		tetrachloro-m-xylene SUR			52	%			30	150		
		decachlorobiphenyl SUR			64	%			30	150		
SW3510C8082A	LCS14459	PCB-1016			0.7	ug/L	1	73	40	140		
		PCB-1221		<	0.2	ug/L						
		PCB-1232		<	0.2	ug/L						
		PCB-1242		<	0.2	ug/L						
		PCB-1248		<	0.2	ug/L						
		PCB-1254		<	0.2	ug/L						
		PCB-1260			0.6	ug/L	1	63	40	140		
		tetrachloro-m-xylene SUR			62	%			30	150		
		decachlorobiphenyl SUR			49	%			30	150		
SW3510C8082A	LCSD14459	PCB-1016			0.6	ug/L	1	64	40	140	13	20
		PCB-1221		<	0.2	ug/L						
		PCB-1232		<	0.2	ug/L						
		PCB-1242		<	0.2	ug/L						
		PCB-1248		<	0.2	ug/L						
		PCB-1254		<	0.2	ug/L						
		PCB-1260			0.7	ug/L	1	68	40	140	7	20
		tetrachloro-m-xylene SUR			56	%			30	150		
		decachlorobiphenyl SUR			70	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14453	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			72	%			30	150		
		decachlorobiphenyl SUR			59	%			30	150		
SW3540C8082A	LCS14453	PCB-1016			3.0	ug/g	3.33	91	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	79	40	140		
		tetrachloro-m-xylene SUR			82	%			30	150		
		decachlorobiphenyl SUR			70	%			30	150		
SW3540C8082A	LCSD14453	PCB-1016			3.0	ug/g	3.33	89	40	140	2	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	77	40	140	2	30
		tetrachloro-m-xylene SUR			74	%			30	150		
		decachlorobiphenyl SUR			62	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14455	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			91	%			30	150		
		decachlorobiphenyl SUR			80	%			30	150		
SW3540C8082A	LCS14455	PCB-1016			3.2	ug/g	3.33	95	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.9	ug/g	3.33	88	40	140		
		tetrachloro-m-xylene SUR			81	%			30	150		
		decachlorobiphenyl SUR			78	%			30	150		
SW3540C8082A	LCSD14455	PCB-1016			3.1	ug/g	3.33	93	40	140	2	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.8	ug/g	3.33	84	40	140	4	30
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			73	%			30	150		

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Portsmouth, NH 03801
603-436-2001

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**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

59344

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth ME
Report To: AARON BRIGNALL
Phone #: 207 253 1490
Invoice to: same
Email: abrignall@cegenvironmental.com
PO #:

Project Name: DEP meddy
Project #: 0821-391-01 #11
Project Location: NH MA (ME) VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting Limits: QAPP GW-1 S-1
EPA DW Other
Quote #:
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MIBE, only
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRG 8015
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> TPH Fingerprint
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> 625.1
<input type="checkbox"/> 0&G 1664	<input type="checkbox"/> EDB
<input type="checkbox"/> pH	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> TSS	<input type="checkbox"/> Mineral O&G 1664
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> pH
<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Conductivity
<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Turbidity
<input type="checkbox"/> Ammonia	<input type="checkbox"/> TDS
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> TVS
<input type="checkbox"/> Cyanide	<input type="checkbox"/> TA Metals
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Priority Pollutant Metals
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> Hardness
<input type="checkbox"/> Subcontract	<input type="checkbox"/> Ferrous Iron
<input type="checkbox"/> Grab (G) or Composite (C)	<input type="checkbox"/> Ammonia
	<input type="checkbox"/> COD
	<input type="checkbox"/> TKN
	<input type="checkbox"/> TOC
	<input type="checkbox"/> Bacteria MPN
	<input type="checkbox"/> Enterococci
	<input type="checkbox"/> Ortho P
	<input type="checkbox"/> Phenols
	<input type="checkbox"/> Nitrite
	<input type="checkbox"/> Sulfate
	<input type="checkbox"/> Bromide
	<input type="checkbox"/> Fluoride
	<input type="checkbox"/> Ignitibility/FP
	<input type="checkbox"/> TCLP SVOC
	<input type="checkbox"/> TCLP VOC
	<input type="checkbox"/> TCLP Pesticide
	<input type="checkbox"/> Herbicides
	<input type="checkbox"/> Asbestos

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59344-01	U-60	1		✓							11/9/21	12:48	IC
-02	U-70											12:50	
-03	U-50											12:53	
-04	T-70A											13:06	
-05	T-80A											13:10	
-06	T-85A											13:13	
-07	R-85											13:26	
-08	P-85											13:28	
-09	R-90											13:33	
-10	P-90											13:36	

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
SPECIAL INSTRUCTIONS
sox let please
REPORTING INSTRUCTIONS PDF (e-mail address) abrignall@cegenvironmental.com
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 5.1 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>11:15</u>	Received by: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>11:15</u>
	Relinquished by: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>12:25</u>	Received by: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>12:25</u>
	Relinquished by:	Date:	Time:	Received by Laboratory:	Date:	Time:

Absolute Resource associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

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CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Lab ID Here

ANALYSIS REQUEST

Company Name: **Campbell Environmental Group**
 Company Address: **173 Gray Rd Falmouth ME**
 Report To: **ARON BRIGNOLI**
 Phone #: **207 253 1990**
 Invoice to: **abrignoli@cegenvironmental.com**
 Email: **same as above**
 PO #:

Project Name: **DEP meddy**
 Project #: **0821-391-01 #11**
 Project Location: **NH MA ME VT**
 Accreditation Required? **N/Y: Y**
 Protocol: **RCRA SDWA NPDES**
 MCP NHDES DOD
 Reporting Limits: **QAPP EPA DW Other**
 Quote # _____
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MMBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH MADEP
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> Mineral O&G 1664
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness
<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC
<input type="checkbox"/> Subcontract	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos
<input type="checkbox"/> Grab (G)	<input type="checkbox"/> Composite (C)		

Lab Sample ID <small>(Lab Use Only)</small>	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59344-13	K (10)	1		X							11/9/21	14:07	ABRC
-13	K (10) DUP	1		X								14:07	
-14	K (20)	1		X								14:11	
-15	I (20)	1		X								14:36	
-16	I (25)	1		X								14:39	
-17	H (25)	1		X								14:41	
-18	F (25)	1		X								14:44	
-19	D (20)	1		X								14:48	
-20	D (25)	1		X								14:51	
-21	D (25) DUP	1		X								14:51	
-22	D (0)	1		X								14:54	

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
 Sox let please

REPORTING INSTRUCTIONS PDF (e-mail address) **abrignoli@cegenvironmental.com**
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
 TEMPERATURE **5.1** °C

CUSTODY RECORD <small>QSD-01 Revision 09/16/2021</small>	Relinquished by Sampler:	Date	Time	Received by:	Date	Time
	<i>AR</i>	11/11/21	11:15	<i>AR</i>	11/10/21	11:15
	<i>AR</i>	11/11/21	12:25	<i>AR</i>	11/11/21	12:25
	Relinquished by:	Date	Time	Received by Laboratory:	Date	Time

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

59344

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
 Project Name: DE P maddy
 Company Address: 173 Gray Rd Falmouth, ME
 Project #: 0821-391-01 #11
 Report To: AARON BRIGNULL
 Project Location: NH MA ME VT
 Phone #: 207 253 1990
 Accreditation Required? N/Y: Y
 Invoice to: Same
 Reporting Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Email: abrignull@cegenviromental.com
 PO #: _____
 Reporting Limits: QAPP GW-1 S-1
 EPA DW Other
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 824.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DFO 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> FCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list:		
<input type="checkbox"/> Dissolved Metals-list:		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides
<input type="checkbox"/> Asbestos		
<input type="checkbox"/> Hardness		
<input type="checkbox"/> Ferrrous Iron	<input type="checkbox"/> TOC	<input type="checkbox"/> TON
<input type="checkbox"/> Enterococci	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols
<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	
<input type="checkbox"/> Grab (G) or Composite (C)		

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59344-23	D(10)	1		X							11/9	14:53	PC
	11/9 EQBIK 1	X									↓	15:00	↓

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
soxlet please

REPORTING INSTRUCTIONS PDF (e-mail address) abrignull@cegenviromental.com
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
 TEMPERATURE 5.1 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>11:15</u>	Received by: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>11:15</u>
	Relinquished by: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>12:25</u>	Received by: <u>[Signature]</u>	Date: <u>11/11/21</u>	Time: <u>12:25</u>
	Relinquished by:	Date:	Time:	Received by Laboratory:	Date:	Time:

Sample Receipt Condition Report

59344

Absolute Resource Associates

Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -
 Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No
 Receipt Temp: 5.1 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No
 PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
	40mL(G)	250mL(P)	500mL(P)	1L(G)			
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL (P)					*pH ✓by analyst:VOC, PFAS, TOC,O&G
NH ₄ Ac	125mL(P)	250mL (P)					Residual Cl not present:
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					ABN625 Pest608
MeOH	20mL(G)	40mL(G)					Bacteria ResCl ✓by analyst
None (solid)	2oz(G) <u>21</u>	4oz(G) <u>2</u>	8oz(G)	Syringe			PC Dry applicable? (Y) N
None (water)	40ml (G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)	1L(G)	1L (P)
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?				
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/ <i>E. coli</i> (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?	X			AS
Subcontract note on login board?			X	
Pesticides EPA 608 pH5-9?			X	
Compliance samples have no discrepancies/require no flags?				(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

Inspected and Received By: ELM/ALP

Date/Time: 11/11/21 14:25

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 59462
Date Received: 11/22/21

Project: DEP C. SMITH MEDDY 0821-391-01

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'A. DeWees', written in a cursive style.

Aaron DeWees
Chief Operating Officer

Date of Approval: 11/30/2021
Total number of pages: 16

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
B (10)	Solid	11/19/2021 12:20	59462-001	PCBs in solids by Soxhlet 8082 Rush TAT Surcharge (75%)
B (20)	Solid	11/19/2021 12:25	59462-002	PCBs in solids by Soxhlet 8082
B (20) DUP	Solid	11/19/2021 12:25	59462-003	PCBs in solids by Soxhlet 8082
B (25)	Solid	11/19/2021 12:13	59462-004	PCBs in solids by Soxhlet 8082
H (30)	Solid	11/19/2021 11:49	59462-005	PCBs in solids by Soxhlet 8082
T 80	Solid	11/19/2021 11:03	59462-006	PCBs in solids by Soxhlet 8082
T 90	Solid	11/19/2021 11:09	59462-007	PCBs in solids by Soxhlet 8082
Z (10)	Solid	11/19/2021 12:00	59462-008	PCBs in solids by Soxhlet 8082
Z (20)	Solid	11/19/2021 12:05	59462-009	PCBs in solids by Soxhlet 8082
Z (25)	Solid	11/19/2021 12:10	59462-010	PCBs in solids by Soxhlet 8082
F (30)	Solid	11/19/2021 11:57	59462-011	PCBs in solids by Soxhlet 8082
EQ Blank	Water	11/19/2021 12:40	59462-012	PCBs in water by 8082

Project ID: DEP C. SMITH MEDDY 0821-391-01

Job ID: 59462

Sample#: 59462-001

Sample ID: B (10)

Matrix: Solid Percent Dry: 82.3% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:20

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
PCB-1260	0.42	0.20	ug/g	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A
decachlorobiphenyl SUR	96	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:09	SW3540C8082A

Sample#: 59462-002

Sample ID: B (20)

Matrix: Solid Percent Dry: 77.5% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:25

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
PCB-1260	1.6	0.21	ug/g	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	72	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A
decachlorobiphenyl SUR	91	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:22	SW3540C8082A

Project ID: DEP C. SMITH MEDDY 0821-391-01

Job ID: 59462

Sample#: 59462-003

Sample ID: B (20) DUP

Matrix: Solid Percent Dry: 77% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:25

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
PCB-1260	1.5	0.17	ug/g	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	65	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A
decachlorobiphenyl SUR	86	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:35	SW3540C8082A

Sample#: 59462-004

Sample ID: B (25)

Matrix: Solid Percent Dry: 71.6% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:13

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
PCB-1221	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
PCB-1232	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
PCB-1242	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
PCB-1248	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
PCB-1254	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
PCB-1260	< 0.22	0.22	ug/g	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A
decachlorobiphenyl SUR	95	30-150	%	1	DBV	11/22/21	14489	11/23/21	17:47	SW3540C8082A

Project ID: DEP C. SMITH MEDDY 0821-391-01

Job ID: 59462

Sample#: 59462-005

Sample ID: H (30)

Matrix: Solid

Percent Dry: 93.2% Results expressed on a dry weight basis.

Sampled: 11/19/21 11:49

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	75	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A
decachlorobiphenyl SUR	99	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:00	SW3540C8082A

Sample#: 59462-006

Sample ID: T 80

Matrix: Solid

Percent Dry: 81.3% Results expressed on a dry weight basis.

Sampled: 11/19/21 11:03

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A
decachlorobiphenyl SUR	100	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:13	SW3540C8082A

Project ID: DEP C. SMITH MEDDY 0821-391-01

Job ID: 59462

Sample#: 59462-007

Sample ID: T 90

Matrix: Solid Percent Dry: 83.3% Results expressed on a dry weight basis.

Sampled: 11/19/21 11:09

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
PCB-1260	0.56	0.19	ug/g	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A
decachlorobiphenyl SUR	99	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:25	SW3540C8082A

Sample#: 59462-008

Sample ID: Z (10)

Matrix: Solid Percent Dry: 83.8% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:00

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A
decachlorobiphenyl SUR	98	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:38	SW3540C8082A

Project ID: DEP C. SMITH MEDDY 0821-391-01

Job ID: 59462

Sample#: 59462-009

Sample ID: Z (20)

Matrix: Solid Percent Dry: 89.5% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:05

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
PCB-1260	0.66	0.16	ug/g	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A
decachlorobiphenyl SUR	96	30-150	%	1	DBV	11/22/21	14489	11/23/21	18:51	SW3540C8082A

Sample#: 59462-010

Sample ID: Z (25)

Matrix: Solid Percent Dry: 66.6% Results expressed on a dry weight basis.

Sampled: 11/19/21 12:10

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
PCB-1260	2.5	0.20	ug/g	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A
decachlorobiphenyl SUR	93	30-150	%	1	DBV	11/23/21	14489	11/24/21	10:47	SW3540C8082A

Project ID: DEP C. SMITH MEDDY 0821-391-01

Job ID: 59462

Sample#: 59462-011

Sample ID: F (30)

Matrix: Solid Percent Dry: 68% Results expressed on a dry weight basis.

Sampled: 11/19/21 11:57

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
PCB-1221	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
PCB-1232	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
PCB-1242	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
PCB-1248	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
PCB-1254	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
PCB-1260	< 0.22	0.22	ug/g	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	69	30-150	%	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A
decachlorobiphenyl SUR	94	30-150	%	1	DBV	11/23/21	14489	11/24/21	11:00	SW3540C8082A

Sample#: 59462-012

Sample ID: EQ Blank

Matrix: Water

Sampled: 11/19/21 12:40

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
PCB-1221	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
PCB-1232	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
PCB-1242	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
PCB-1248	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
PCB-1254	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
PCB-1260	< 0.4	0.4	ug/L	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A
decachlorobiphenyl SUR	78	30-150	%	1	DBV	11/24/21	14498	11/24/21	17:35	SW3510C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 59462

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3510C8082A	BLK14498	PCB-1016		<	0.40	ug/L						
		PCB-1221		<	0.40	ug/L						
		PCB-1232		<	0.40	ug/L						
		PCB-1242		<	0.40	ug/L						
		PCB-1248		<	0.40	ug/L						
		PCB-1254		<	0.40	ug/L						
		PCB-1260		<	0.40	ug/L						
		tetrachloro-m-xylene SUR			66	%			30	150		
		decachlorobiphenyl SUR			92	%			30	150		
SW3510C8082A	LCS14498	PCB-1016			0.7	ug/L	1	72	40	140		
		PCB-1221		<	0.4	ug/L						
		PCB-1232		<	0.4	ug/L						
		PCB-1242		<	0.4	ug/L						
		PCB-1248		<	0.4	ug/L						
		PCB-1254		<	0.4	ug/L						
		PCB-1260			0.9	ug/L	1	87	40	140		
		tetrachloro-m-xylene SUR			63	%			30	150		
		decachlorobiphenyl SUR			102	%			30	150		
SW3510C8082A	LCSD14498	PCB-1016			0.7	ug/L	1	72	40	140	0	20
		PCB-1221		<	0.4	ug/L						
		PCB-1232		<	0.4	ug/L						
		PCB-1242		<	0.4	ug/L						
		PCB-1248		<	0.4	ug/L						
		PCB-1254		<	0.4	ug/L						
		PCB-1260			0.8	ug/L	1	82	40	140	6	20
		tetrachloro-m-xylene SUR			60	%			30	150		
		decachlorobiphenyl SUR			96	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14489	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			68	%			30	150		
		decachlorobiphenyl SUR			91	%			30	150		
SW3540C8082A	LCS14489	PCB-1016			2.8	ug/g	3.33	85	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.9	ug/g	3.33	88	40	140		
		tetrachloro-m-xylene SUR			68	%			30	150		
		decachlorobiphenyl SUR			89	%			30	150		
SW3540C8082A	LCSD14489	PCB-1016			3.0	ug/g	3.33	89	40	140	5	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.0	ug/g	3.33	91	40	140	3	30
		tetrachloro-m-xylene SUR			69	%			30	150		
		decachlorobiphenyl SUR			86	%			30	150		

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name:
Campbell Environmental Group

Company Address:

Report To:

Phone #:

Invoice to:

Email:

PO #:

Project Name:
06th C.S.M. TH MCOOY

Project #:
0821-391-01

Project Location: NH MA ME VT

Accreditation Required? N/Y: Y

Protocol: RCRA SDWA NPDES
MCP NHDES DOD

Reporting Limits: QAPP GW-1 S-1
EPA DW Other

Quote #

NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list:		
<input type="checkbox"/> Dissolved Metals-list:		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
Subcontract: <input type="checkbox"/> Grain Size <input type="checkbox"/> Herbicides <input type="checkbox"/> Asbestos <input type="checkbox"/> PFAS		

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59462-12	EQ Blank	1	X								11.19.21	1240	AB

TAT REQUESTED

Priority (24 hr)*

Expedited (48 hr)*

Standard (10 Business Days)

*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS PDF (e-mail address) ABRIGULL@CEGENVIRONMENTAL.COM

HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO

TEMPERATURE 3 °C

CUSTODY RECORD

QSD-01 Revision 11/06/19

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	11/22/21	9:51	<i>[Signature]</i>	11/22	9:51
Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	11/22/21	16:08			
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
			<i>[Signature]</i>	11/22	16:08

Sample Receipt Condition Report

59462

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 3 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓ by analyst PC Dry applicable? (Y) N 1L(G) 1L(P)
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G)	4oz(G)	5	8oz(G)	6	Syringe	
None (water)	40ml(G)	60mL(P)		125mL(P)		250mL(P) 500mL(P)	
Mold	Cassette	Bulk	Plate			Tape Lift	
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?			X	
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , O-PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?			X	
Subcontract note on login board?				
Pesticides EPA 608 pH5-9?				
Compliance samples have no discrepancies/require no flags?				(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: K.W.

 Date/Time: 11/22/21 16:43

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 59574
Date Received: 12/6/21

Project: DEP C. Smith Meddy 0821-391-01#11

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'A. DeWees', written in a cursive style.

Aaron DeWees
Chief Operating Officer

Date of Approval: 12/9/2021
Total number of pages: 15

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
T-85	Solid	12/3/2021 11:12	59574-001	PCBs in solids by Soxhlet 8082 Rush TAT Surcharge (50%)
X (20)	Solid	12/3/2021 11:36	59574-002	PCBs in solids by Soxhlet 8082
X (25)	Solid	12/3/2021 11:40	59574-003	PCBs in solids by Soxhlet 8082
X (30)	Solid	12/3/2021 11:42	59574-004	PCBs in solids by Soxhlet 8082
B (30)	Solid	12/3/2021 11:47	59574-005	PCBs in solids by Soxhlet 8082
J (30)	Solid	12/3/2021 11:57	59574-006	PCBs in solids by Soxhlet 8082
K (30)	Solid	12/3/2021 12:00	59574-007	PCBs in solids by Soxhlet 8082
L (30)	Solid	12/3/2021 12:04	59574-008	PCBs in solids by Soxhlet 8082
X (20) DUP	Solid	12/3/2021 11:36	59574-009	PCBs in solids by Soxhlet 8082
Z (30)	Solid	12/3/2021 11:45	59574-010	PCBs in solids by Soxhlet 8082
EQ BLK 12/3	Water	12/3/2021 12:08	59574-011	PCBs in water by 8082

Project ID: DEP C. Smith Meddy 0821-391-01#11

Job ID: 59574

Sample#: 59574-001

Sample ID: T-85

Matrix: Solid Percent Dry: 67% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:12

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.20	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
PCB-1260	0.29	0.20	ug/g	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	70	30-150	%	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A
decachlorobiphenyl SUR	82	30-150	%	1	DBV	12/7/21	14535	12/8/21	15:30	SW3540C8082A

Sample#: 59574-002

Sample ID: X (20)

Matrix: Solid Percent Dry: 91.3% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:36

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.14	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
PCB-1254	< 0.14	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
PCB-1260	0.19	0.14	ug/g	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	70	30-150	%	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A
decachlorobiphenyl SUR	91	30-150	%	1	DBV	12/7/21	14535	12/8/21	15:42	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01#11

Job ID: 59574

Sample#: 59574-003

Sample ID: X (25)

Matrix: Solid Percent Dry: 87.6% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:40

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
PCB-1260	0.37	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A
decachlorobiphenyl SUR	99	30-150	%	1	DBV	12/7/21	14535	12/8/21	15:55	SW3540C8082A

Sample#: 59574-004

Sample ID: X (30)

Matrix: Solid Percent Dry: 84.6% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:42

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.15	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
PCB-1260	0.81	0.15	ug/g	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	76	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A
decachlorobiphenyl SUR	93	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:08	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01#11

Job ID: 59574

Sample#: 59574-005

Sample ID: B (30)

Matrix: Solid Percent Dry: 67.3% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:47

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
PCB-1221	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
PCB-1232	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
PCB-1242	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
PCB-1248	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
PCB-1254	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
PCB-1260	< 0.24	0.24	ug/g	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A
decachlorobiphenyl SUR	105	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:20	SW3540C8082A

Sample#: 59574-006

Sample ID: J (30)

Matrix: Solid Percent Dry: 94.1% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:57

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	69	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:33	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01#11

Job ID: 59574

Sample#: 59574-007

Sample ID: K (30)

Matrix: Solid Percent Dry: 92.1% Results expressed on a dry weight basis.

Sampled: 12/3/21 12:00

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	12/7/21	14535	12/8/21	16:46	SW3540C8082A

Sample#: 59574-008

Sample ID: L (30)

Matrix: Solid Percent Dry: 89.2% Results expressed on a dry weight basis.

Sampled: 12/3/21 12:04

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A
decachlorobiphenyl SUR	99	30-150	%	1	DBV	12/8/21	14535	12/9/21	12:21	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01#11

Job ID: 59574

Sample#: 59574-009

Sample ID: X (20) DUP

Matrix: Solid Percent Dry: 90.5% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:36

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
PCB-1260	0.27	0.18	ug/g	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	75	30-150	%	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A
decachlorobiphenyl SUR	92	30-150	%	1	DBV	12/8/21	14535	12/9/21	12:33	SW3540C8082A

Sample#: 59574-010

Sample ID: Z (30)

Matrix: Solid Percent Dry: 86.6% Results expressed on a dry weight basis.

Sampled: 12/3/21 11:45

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
PCB-1260	0.21	0.16	ug/g	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	62	30-150	%	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	12/8/21	14535	12/9/21	12:46	SW3540C8082A

Project ID: DEP C. Smith Meddy 0821-391-01#11

Job ID: 59574

Sample#: 59574-011

Sample ID: EQ BLK 12/3

Matrix: Water

Sampled: 12/3/21 12:08

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
PCB-1221	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
PCB-1232	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
PCB-1242	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
PCB-1248	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
PCB-1254	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
PCB-1260	< 0.2	0.2	ug/L	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	49	30-150	%	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A
decachlorobiphenyl SUR	60	30-150	%	1	DBV	12/8/21	14538	12/8/21	16:58	SW3510C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
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Case Narrative

Lab # 59574

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3510C8082A	BLK14538	PCB-1016		<	0.20	ug/L						
		PCB-1221		<	0.20	ug/L						
		PCB-1232		<	0.20	ug/L						
		PCB-1242		<	0.20	ug/L						
		PCB-1248		<	0.20	ug/L						
		PCB-1254		<	0.20	ug/L						
		PCB-1260		<	0.20	ug/L						
		tetrachloro-m-xylene SUR			57	%			30	150		
		decachlorobiphenyl SUR			79	%			30	150		
SW3510C8082A	LCS14538	PCB-1016			0.7	ug/L	1	65	40	140		
		PCB-1221		<	0.2	ug/L						
		PCB-1232		<	0.2	ug/L						
		PCB-1242		<	0.2	ug/L						
		PCB-1248		<	0.2	ug/L						
		PCB-1254		<	0.2	ug/L						
		PCB-1260			0.7	ug/L	1	72	40	140		
		tetrachloro-m-xylene SUR			58	%			30	150		
		decachlorobiphenyl SUR			71	%			30	150		
SW3510C8082A	LCSD14538	PCB-1016			0.7	ug/L	1	66	40	140	0	20
		PCB-1221		<	0.2	ug/L						
		PCB-1232		<	0.2	ug/L						
		PCB-1242		<	0.2	ug/L						
		PCB-1248		<	0.2	ug/L						
		PCB-1254		<	0.2	ug/L						
		PCB-1260			0.7	ug/L	1	71	40	140	2	20
		tetrachloro-m-xylene SUR			58	%			30	150		
		decachlorobiphenyl SUR			65	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14535	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			72	%			30	150		
		decachlorobiphenyl SUR			81	%			30	150		
SW3540C8082A	LCS14535	PCB-1016			2.9	ug/g	3.33	87	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.1	ug/g	3.33	93	40	140		
		tetrachloro-m-xylene SUR			72	%			30	150		
		decachlorobiphenyl SUR			82	%			30	150		
SW3540C8082A	LCSD14535	PCB-1016			3.0	ug/g	3.33	91	40	140	5	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.5	ug/g	3.33	105	40	140	12	30
		tetrachloro-m-xylene SUR			74	%			30	150		
		decachlorobiphenyl SUR			89	%			30	150		



Absolute Resource
associates

124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

59574

ANALYSIS REQUEST

Company Name: Campbell Environmental Group

Company Address: 173 Gray Rd Falmouth, ME 04005

Report To: ABRignull

Phone #: 207 253 1940

Invoice to: same

Email: ABRignull@cegenvironmental.com

PO #:

Project Name: DEPC Smith meddy

Project #: 0821-391-01 #11

Project Location: NH MA ME VT

Accreditation Required? N/Y: Y

Protocol: RCRA SDWA NPDES
MCP NHDES DOD

Reporting Limits: QAPP GW-1 S-1
EPA DW Other

Quote # _____

NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input checked="" type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59574-01	T-85	1		X							12/3/21	11:12	KHAB
-02	X (20)			X								11:36	
-03	X (25)			X								11:40	
-04	X (30)			X								11:42	
-05	B (30)			X								11:47	
-06	J (30)			X								11:57	
-07	K (30)			X								12:00	
-08	L (30)			X								12:04	
-09	X (20) DUP			X								11:36	
-10	Z (30)			X								11:45	
-11	EQ BIK 12/3			X								12:08	

TAT REQUESTED

Priority (24 hr)* Expedited (48 hr)* Standard (10 Business Days) *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

soxlet please

REPORTING INSTRUCTIONS PDF (e-mail address) ABRignull@cegenvironmental.com

HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO

TEMPERATURE 5 °C

CUSTODY RECORD
QSD-01 Revision 09/16/2021

Relinquished by Sampler:	Date: 12-6-21	Time: 10:00	Received by:	Date: 12/6/21	Time: 12:30
Relinquished by:	Date: 12/6/21	Time: 7:30	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Laboratory:	Date: 12/6/21	Time: 13:30

Sample Receipt Condition Report

59574

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -
 Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No
 Receipt Temp: 5 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No
 PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓ by analyst PC Dry applicable? Y N
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL (P)					
NH ₄ Ac	125mL(P)	250mL (P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G)	4oz(G)	<u>10</u> 8oz(G)	Syringe			
None (water)	40ml (G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)	1L(G) 1L(P)	
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?				
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , o-PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?			X	
Subcontract note on login board?				
Pesticides EPA 608 pH5-9?				
Compliance samples have no discrepancies/require no flags?				(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: K.W.

 Date/Time: 12/6/21 15:09

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

	Initials	Date	What was sent?
Uploaded / PDF _____			Report / Data / EDD / Invoice
Uploaded / PDF _____			Report / Data / EDD / Invoice
Uploaded / PDF _____			Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 59953
Date Received: 1/25/22

Project: DEP C Smith Meddybemps 0821-391-00/5

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Willie Stone', with a long, sweeping underline.

Willie Stone
Authorized Signature

Date of Approval: 2/16/2022
Total number of pages: 47

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
T50A	Solid	1/19/2022 13:50	59953-001	PCBs in solids by Soxhlet 8082
V50Ad	Solid	1/19/2022 14:00	59953-002	PCBs in solids by Soxhlet 8082
R50A	Solid	1/18/2022 14:13	59953-003	PCBs in solids by Soxhlet 8082
B4A	Solid	1/19/2022 10:04	59953-004	PCBs in solids by Soxhlet 8082
B1A	Solid	1/19/2022 9:55	59953-005	PCBs in solids by Soxhlet 8082
N50A	Solid	1/19/2022 13:36	59953-006	PCBs in solids by Soxhlet 8082
R60A	Solid	1/18/2022 16:14	59953-007	PCBs in solids by Soxhlet 8082
B3A	Solid	1/19/2022 9:53	59953-008	PCBs in solids by Soxhlet 8082
B2A	Solid	1/19/2022 10:04	59953-009	PCBs in solids by Soxhlet 8082
S75A	Solid	1/19/2022 13:56	59953-010	PCBs in solids by Soxhlet 8082
R70A	Solid	1/18/2022 16:10	59953-011	PCBs in solids by Soxhlet 8082
K(20)A	Solid	1/19/2022 13:09	59953-012	PCBs in solids by Soxhlet 8082
V55Ad	Solid	1/19/2022 14:00	59953-013	PCBs in solids by Soxhlet 8082
N70Ad	Solid	1/19/2022 14:07	59953-014	PCBs in solids by Soxhlet 8082
T65A	Solid	1/19/2022 14:30	59953-015	PCBs in solids by Soxhlet 8082
R45A	Solid	1/19/2022 11:28	59953-016	PCBs in solids by Soxhlet 8082
P50A	Solid	1/19/2022 9:35	59953-017	PCBs in solids by Soxhlet 8082
P60A	Solid	1/19/2022 10:58	59953-018	PCBs in solids by Soxhlet 8082
M45A	Solid	1/19/2022 13:33	59953-019	PCBs in solids by Soxhlet 8082
Q80A	Solid	1/19/2022 10:37	59953-020	PCBs in solids by Soxhlet 8082
S45A	Solid	1/19/2022 11:30	59953-021	PCBs in solids by Soxhlet 8082
B6A	Solid	1/19/2022 9:42	59953-023	PCBs in solids by Soxhlet 8082
H(20)A	Solid	1/19/2022 13:10	59953-024	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
U55A	Solid	1/19/2022 14:28	59953-025	PCBs in solids by Soxhlet 8082
R80A	Solid	1/18/2022 14:00	59953-026	PCBs in solids by Soxhlet 8082
R45A	Solid	1/19/2022 13:48	59953-027	PCBs in solids by Soxhlet 8082
K(25)A	Solid	1/19/2022 13:09	59953-028	PCBs in solids by Soxhlet 8082
T85AA	Solid	1/18/2022 16:01	59953-029	PCBs in solids by Soxhlet 8082
I(25)A	Solid	1/19/2022 14:10	59953-030	PCBs in solids by Soxhlet 8082
L50A	Solid	1/19/2022 13:35	59953-031	PCBs in solids by Soxhlet 8082
L50A DUP	Solid	1/19/2022 13:35	59953-032	PCBs in solids by Soxhlet 8082
U65A	Solid	1/19/2022 14:28	59953-033	PCBs in solids by Soxhlet 8082
S70A	Solid	1/19/2022 13:53	59953-036	PCBs in solids by Soxhlet 8082
U45A	Solid	1/19/2022 9:54	59953-037	PCBs in solids by Soxhlet 8082
T60A	Solid	1/19/2022 9:22	59953-038	PCBs in solids by Soxhlet 8082
T55A	Solid	1/19/2022 11:43	59953-039	PCBs in solids by Soxhlet 8082
S55A	Solid	1/19/2022 11:45	59953-040	PCBs in solids by Soxhlet 8082
P40A	Solid	1/19/2022 9:42	59953-041	PCBs in solids by Soxhlet 8082
P60 DUP	Solid	1/19/2022 10:58	59953-042	PCBs in solids by Soxhlet 8082
N40A	Solid	1/19/2022 13:40	59953-043	PCBs in solids by Soxhlet 8082
B5A	Solid	1/19/2022 9:30	59953-046	PCBs in solids by Soxhlet 8082
Q40A	Solid	1/19/2022 11:24	59953-047	PCBs in solids by Soxhlet 8082
U50A	Solid	1/19/2022 9:28	59953-048	PCBs in solids by Soxhlet 8082
L60A	Solid	1/19/2022 13:42	59953-049	PCBs in solids by Soxhlet 8082
P70Ad	Solid	1/19/2022 14:07	59953-050	PCBs in solids by Soxhlet 8082
K55d	Solid	1/20/2022 12:20	59953-051	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
J45A	Solid	1/20/2022 9:48	59953-052	PCBs in solids by Soxhlet 8082
J45A DUP	Solid	1/20/2022 9:48	59953-053	PCBs in solids by Soxhlet 8082
G(25)A	Solid	1/20/2022 12:35	59953-054	PCBs in solids by Soxhlet 8082
G(25)A DUP	Solid	1/20/2022 12:35	59953-055	PCBs in solids by Soxhlet 8082
G45A	Solid	1/20/2022 9:48	59953-056	PCBs in solids by Soxhlet 8082
G45A DUP	Solid	1/20/2022 9:48	59953-057	PCBs in solids by Soxhlet 8082
E(25)A	Solid	1/20/2022 12:35	59953-058	PCBs in solids by Soxhlet 8082
M65Ad	Solid	1/20/2022 12:14	59953-059	PCBs in solids by Soxhlet 8082
F(20)A	Solid	1/20/2022 12:40	59953-060	PCBs in solids by Soxhlet 8082
H45A	Solid	1/20/2022 9:52	59953-061	PCBs in solids by Soxhlet 8082
C(25)A	Solid	1/20/2022 13:20	59953-062	PCBs in solids by Soxhlet 8082
F(25)	Solid	1/20/2022 12:38	59953-063	PCBs in solids by Soxhlet 8082

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-001

Sample ID: T50A

Matrix: Solid Percent Dry: 89.7% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:50

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	1/26/22	14659	1/27/22	9:40	SW3540C8082A

Sample#: 59953-002

Sample ID: V50Ad

Matrix: Solid Percent Dry: 91.9% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
PCB-1254	0.53	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A
decachlorobiphenyl SUR	61	30-150	%	1	DBV	1/26/22	14659	1/27/22	9:53	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-003

Sample ID: R50A

Matrix: Solid Percent Dry: 87% Results expressed on a dry weight basis.

Sampled: 1/18/22 14:13

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:05	SW3540C8082A

Sample#: 59953-004

Sample ID: B4A

Matrix: Solid Percent Dry: 90.9% Results expressed on a dry weight basis.

Sampled: 1/19/22 10:04

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
PCB-1254	0.28	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A
decachlorobiphenyl SUR	73	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:18	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-005

Sample ID: B1A

Matrix: Solid Percent Dry: 85.3% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:55

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A
decachlorobiphenyl SUR	68	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:30	SW3540C8082A

Sample#: 59953-006

Sample ID: N50A

Matrix: Solid Percent Dry: 91.4% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:36

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A
decachlorobiphenyl SUR	59	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:43	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-007

Sample ID: R60A

Matrix: Solid Percent Dry: 87.1% Results expressed on a dry weight basis.

Sampled: 1/18/22 16:14

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	1/26/22	14659	1/27/22	10:56	SW3540C8082A

Sample#: 59953-008

Sample ID: B3A

Matrix: Solid Percent Dry: 89.6% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:53

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	1/26/22	14659	1/27/22	11:08	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-009

Sample ID: B2A

Matrix: Solid Percent Dry: 86.7% Results expressed on a dry weight basis.

Sampled: 1/19/22 10:04

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	89	30-150	%	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A
decachlorobiphenyl SUR	66	30-150	%	1	DBV	1/26/22	14659	1/27/22	11:21	SW3540C8082A

Sample#: 59953-010

Sample ID: S75A

Matrix: Solid Percent Dry: 89.8% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:56

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
PCB-1260	0.26	0.15	ug/g	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A
decachlorobiphenyl SUR	57	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:18	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-011

Sample ID: R70A

Matrix: Solid Percent Dry: 80.3% Results expressed on a dry weight basis.

Sampled: 1/18/22 16:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
PCB-1260	1.2	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	89	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:30	SW3540C8082A

Sample#: 59953-012

Sample ID: K(20)A

Matrix: Solid Percent Dry: 91.5% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:09

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
PCB-1260	0.41	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A
decachlorobiphenyl SUR	68	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:43	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-013

Sample ID: V55Ad

Matrix: Solid Percent Dry: 86.3% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
PCB-1254	3.9	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	1/27/22	14659	1/28/22	9:55	SW3540C8082A

Sample#: 59953-014

Sample ID: N70Ad

Matrix: Solid Percent Dry: 80.4% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:07

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A
decachlorobiphenyl SUR	64	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:08	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-015

Sample ID: T65A

Matrix: Solid Percent Dry: 88.6% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
PCB-1260	0.22	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	92	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:21	SW3540C8082A

Sample#: 59953-016

Sample ID: R45A

Matrix: Solid Percent Dry: 88.4% Results expressed on a dry weight basis.

Sampled: 1/19/22 11:28

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
PCB-1254	0.47	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:33	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-017

Sample ID: P50A

Matrix: Solid Percent Dry: 85.2% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	73	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:46	SW3540C8082A

Sample#: 59953-018

Sample ID: P60A

Matrix: Solid Percent Dry: 90.1% Results expressed on a dry weight basis.

Sampled: 1/19/22 10:58

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	1/27/22	14659	1/28/22	10:59	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-019

Sample ID: M45A

Matrix: Solid Percent Dry: 94.2% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:33

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
PCB-1254	2.2	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
PCB-1260	0.41	0.14	ug/g	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	1/31/22	14670	2/1/22	12:31	SW3540C8082A

Sample#: 59953-020

Sample ID: Q80A

Matrix: Solid Percent Dry: 89.3% Results expressed on a dry weight basis.

Sampled: 1/19/22 10:37

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
PCB-1260	0.22	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	1/31/22	14670	2/1/22	12:43	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-021

Sample ID: S45A

Matrix: Solid Percent Dry: 88.5% Results expressed on a dry weight basis.

Sampled: 1/19/22 11:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	78	30-150	%	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	1/31/22	14670	2/1/22	12:56	SW3540C8082A

Sample#: 59953-023

Sample ID: B6A

Matrix: Solid Percent Dry: 94% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:42

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
PCB-1254	0.98	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:09	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-024

Sample ID: H(20)A

Matrix: Solid Percent Dry: 90.3% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
PCB-1260	0.92	0.16	ug/g	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:21	SW3540C8082A

Sample#: 59953-025

Sample ID: U55A

Matrix: Solid Percent Dry: 88% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:28

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:34	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-026

Sample ID: R80A

Matrix: Solid Percent Dry: 87.5% Results expressed on a dry weight basis.

Sampled: 1/18/22 14:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
PCB-1260	0.19	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:47	SW3540C8082A

Sample#: 59953-027

Sample ID: R45A

Matrix: Solid Percent Dry: 89.5% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:48

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
PCB-1254	0.67	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	1/31/22	14670	2/1/22	13:59	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-028

Sample ID: K(25)A

Matrix: Solid Percent Dry: 90.6% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:09

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
PCB-1260	0.19	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:11	SW3540C8082A

Sample#: 59953-029

Sample ID: T85AA

Matrix: Solid Percent Dry: 88% Results expressed on a dry weight basis.

Sampled: 1/18/22 16:01

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
PCB-1260	0.56	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:23	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-030

Sample ID: I(25)A

Matrix: Solid Percent Dry: 90.9% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
PCB-1260	0.42	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:36	SW3540C8082A

Sample#: 59953-031

Sample ID: L50A

Matrix: Solid Percent Dry: 93.6% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	2/1/22	14670	2/2/22	12:48	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-032

Sample ID: L50A DUP

Matrix: Solid Percent Dry: 93.6% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	71	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A
decachlorobiphenyl SUR	64	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:01	SW3540C8082A

Sample#: 59953-033

Sample ID: U65A

Matrix: Solid Percent Dry: 87.1% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:28

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:14	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-036

Sample ID: S70A

Matrix: Solid Percent Dry: 89.9% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:53

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
PCB-1260	0.31	0.18	ug/g	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:26	SW3540C8082A

Sample#: 59953-037

Sample ID: U45A

Matrix: Solid Percent Dry: 91.4% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:54

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
PCB-1254	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
PCB-1260	< 0.14	0.14	ug/g	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	76	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A
decachlorobiphenyl SUR	73	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:39	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-038

Sample ID: T60A

Matrix: Solid Percent Dry: 86.8% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:22

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	2/1/22	14670	2/2/22	13:52	SW3540C8082A

Sample#: 59953-039

Sample ID: T55A

Matrix: Solid Percent Dry: 90.8% Results expressed on a dry weight basis.

Sampled: 1/19/22 11:43

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
PCB-1254	0.48	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	ACA	2/1/22	14670	2/2/22	14:04	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-040

Sample ID: S55A

Matrix: Solid Percent Dry: 89.1% Results expressed on a dry weight basis.

Sampled: 1/19/22 11:45

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	103	30-150	%	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A
decachlorobiphenyl SUR	68	30-150	%	1	DBV	2/2/22	14683	2/7/22	13:15	SW3540C8082A

Sample#: 59953-041

Sample ID: P40A

Matrix: Solid Percent Dry: 85.7% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:42

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A
decachlorobiphenyl SUR	84	30-150	%	1	DBV	2/2/22	14683	2/4/22	15:52	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-042

Sample ID: P60 DUP

Matrix: Solid Percent Dry: 89.5% Results expressed on a dry weight basis.

Sampled: 1/19/22 10:58

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	102	30-150	%	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A
decachlorobiphenyl SUR	91	30-150	%	1	DBV	2/2/22	14683	2/7/22	13:28	SW3540C8082A

Sample#: 59953-043

Sample ID: N40A

Matrix: Solid Percent Dry: 90.7% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:40

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
PCB-1254	0.50	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
PCB-1260	0.26	0.14	ug/g	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A
decachlorobiphenyl SUR	82	30-150	%	1	DBV	2/2/22	14683	2/7/22	15:59	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-046

Sample ID: B5A

Matrix: Solid Percent Dry: 90.4% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
PCB-1254	1.1	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
PCB-1260	1.7	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	107	30-150	%	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A
decachlorobiphenyl SUR	91	30-150	%	1	DBV	2/2/22	14683	2/7/22	13:53	SW3540C8082A

Sample#: 59953-047

Sample ID: Q40A

Matrix: Solid Percent Dry: 88.9% Results expressed on a dry weight basis.

Sampled: 1/19/22 11:24

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	103	30-150	%	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	2/2/22	14683	2/7/22	14:05	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-048

Sample ID: U50A

Matrix: Solid Percent Dry: 90.4% Results expressed on a dry weight basis.

Sampled: 1/19/22 9:28

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	96	30-150	%	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	2/2/22	14683	2/7/22	14:18	SW3540C8082A

Sample#: 59953-049

Sample ID: L60A

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 1/19/22 13:42

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	110	30-150	%	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	2/2/22	14683	2/7/22	14:31	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-050

Sample ID: P70Ad

Matrix: Solid Percent Dry: 86.6% Results expressed on a dry weight basis.

Sampled: 1/19/22 14:07

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	66	30-150	%	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A
decachlorobiphenyl SUR	64	30-150	%	1	DBV	2/3/22	14683	2/4/22	11:22	SW3540C8082A

Sample#: 59953-051

Sample ID: K55d

Matrix: Solid Percent Dry: 88.9% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
PCB-1254	0.32	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
PCB-1260	0.20	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	76	30-150	%	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A
decachlorobiphenyl SUR	68	30-150	%	1	DBV	2/3/22	14683	2/4/22	11:35	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-052

Sample ID: J45A

Matrix: Solid Percent Dry: 92% Results expressed on a dry weight basis.

Sampled: 1/20/22 9:48

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	2/3/22	14683	2/4/22	11:47	SW3540C8082A

Sample#: 59953-053

Sample ID: J45A DUP

Matrix: Solid Percent Dry: 92.4% Results expressed on a dry weight basis.

Sampled: 1/20/22 9:48

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	76	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A
decachlorobiphenyl SUR	73	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:00	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-054

Sample ID: G(25)A

Matrix: Solid Percent Dry: 90% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
PCB-1260	0.76	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	77	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:12	SW3540C8082A

Sample#: 59953-055

Sample ID: G(25)A DUP

Matrix: Solid Percent Dry: 89.1% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
PCB-1260	0.42	0.17	ug/g	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:25	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-056

Sample ID: G45A

Matrix: Solid

Percent Dry: 87.2% Results expressed on a dry weight basis.

Sampled: 1/20/22 9:48

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:38	SW3540C8082A

Sample#: 59953-057

Sample ID: G45A DUP

Matrix: Solid

Percent Dry: 84.9% Results expressed on a dry weight basis.

Sampled: 1/20/22 9:48

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	2/3/22	14683	2/4/22	12:51	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-058

Sample ID: E(25)A

Matrix: Solid Percent Dry: 86.4% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
PCB-1260	0.97	0.15	ug/g	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	2/3/22	14683	2/4/22	13:03	SW3540C8082A

Sample#: 59953-059

Sample ID: M65Ad

Matrix: Solid Percent Dry: 83.6% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:14

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	2/3/22	14683	2/4/22	13:16	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-060

Sample ID: F(20)A

Matrix: Solid Percent Dry: 89.7% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:40

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
PCB-1260	0.80	0.18	ug/g	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	2/3/22	14683	2/4/22	16:04	SW3540C8082A

Sample#: 59953-061

Sample ID: H45A

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 1/20/22 9:52

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	2/7/22	14691	2/8/22	11:55	SW3540C8082A

Project ID: DEP C Smith Meddybemps 0821-391-00/5

Job ID: 59953

Sample#: 59953-062

Sample ID: C(25)A

Matrix: Solid Percent Dry: 81.5% Results expressed on a dry weight basis.

Sampled: 1/20/22 13:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
PCB-1260	0.54	0.20	ug/g	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A
decachlorobiphenyl SUR	66	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:08	SW3540C8082A

Sample#: 59953-063

Sample ID: F(25)

Matrix: Solid Percent Dry: 85.8% Results expressed on a dry weight basis.

Sampled: 1/20/22 12:38

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
PCB-1260	0.98	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A
decachlorobiphenyl SUR	64	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:20	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
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Case Narrative

Lab # 59953

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Samples 59963-022, 034, -035, -044, and -045 were placed on hold and then cancelled by the customer on 2/10/22.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14659	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			72	%			30	150		
		decachlorobiphenyl SUR			77	%			30	150		
SW3540C8082A	LCS14659	PCB-1016			2.9	ug/g	3.33	88	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	78	40	140		
		tetrachloro-m-xylene SUR			84	%			30	150		
		decachlorobiphenyl SUR			73	%			30	150		
SW3540C8082A	LCSD14659	PCB-1016			2.9	ug/g	3.33	88	40	140	0	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.5	ug/g	3.33	75	40	140	4	30
		tetrachloro-m-xylene SUR			81	%			30	150		
		decachlorobiphenyl SUR			67	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14670	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			74	%			30	150		
SW3540C8082A	LCS14670	PCB-1016			3.0	ug/g	3.33	90	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.8	ug/g	3.33	84	40	140		
		tetrachloro-m-xylene SUR			85	%			30	150		
		decachlorobiphenyl SUR			82	%			30	150		
SW3540C8082A	LCSD14670	PCB-1016			3.1	ug/g	3.33	93	40	140	3	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.9	ug/g	3.33	87	40	140	3	30
		tetrachloro-m-xylene SUR			81	%			30	150		
		decachlorobiphenyl SUR			80	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14683	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			89	%			30	150		
		decachlorobiphenyl SUR			64	%			30	150		
SW3540C8082A	LCS14683	PCB-1016			3.1	ug/g	3.33	92	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.9	ug/g	3.33	87	40	140		
		tetrachloro-m-xylene SUR			90	%			30	150		
		decachlorobiphenyl SUR			82	%			30	150		
SW3540C8082A	LCSD14683	PCB-1016			3.2	ug/g	3.33	97	40	140	5	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.0	ug/g	3.33	90	40	140	3	30
		tetrachloro-m-xylene SUR			91	%			30	150		
		decachlorobiphenyl SUR			73	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14691	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			82	%			30	150		
		decachlorobiphenyl SUR			56	%			30	150		
SW3540C8082A	LCS14691	PCB-1016			3.4	ug/g	3.33	103	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.9	ug/g	3.33	87	40	140		
		tetrachloro-m-xylene SUR			85	%			30	150		
		decachlorobiphenyl SUR			70	%			30	150		
SW3540C8082A	LCSD14691	PCB-1016			3.4	ug/g	3.33	103	40	140	0	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.1	ug/g	3.33	92	40	140	6	30
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			75	%			30	150		



124 Heritage Avenue #16
 Portsmouth, NH 03801
 603-436-2001
 absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
 AND ANALYSIS REQUEST**

59953

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
 Company Address: 173 Gray Rd, Falmouth ME 04105
 Report To: A Brignull
 Phone #: 207-253-1990
 Invoice to: Same
 Email: Abrignulle@campbellenvironmental.com
 PO #:

Project Name: DEPC Smith Meddybemps
 Project #: 0021-391-0015
 Project Location: NH MA ME VT
 Accreditation Required? N/Y:
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote # _____
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MBE, only
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC 8015
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List
<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100
<input type="checkbox"/> DRP 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH
<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1
<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB
<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB
<input type="checkbox"/> Somlet	<input type="checkbox"/> PFAS 537.1
<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664
<input type="checkbox"/> pH	<input type="checkbox"/> BOD
<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity
<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS
<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity
<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals
<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:
<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia
<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> TN	<input type="checkbox"/> TOC
<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus
<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN
<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide
<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite
<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite
<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate
<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC
<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size
<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos
<input type="checkbox"/> Grab (G) or Composite (C)	

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59953-01	T50A	1		X							1/19	13:50 AB	
-02	V50A	1		X							1/19	14:02 AB	
-03	R50A	1		X							1/19	14:13 AB	
-04	B4A	1		X							1/19	10:04 AB	
-05	B1A	1		X							1/19	9:55 R	
-06	N50A	1		X							1/19	13:36 AB	
-07	R60A	1		X							1/19	16:14 AB	
-08	B3A	1		X							1/19	9:53 AB	
-09	B2A	1		X							1/19	10:01 R	
-10	S75A	1		X							1/19	13:56 AB	
-11	R70A	1		X							1/19	16:10 AB	

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS: PDF (e-mail address) Abrignulle@campbellenvironmental.com
 HARD COPY REQUIRED EDD

RECEIVED ON ICE: YES NO
 TEMPERATURE: 4 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler: <u>[Signature]</u>	Date: <u>1/25/22</u>	Time: <u>10:25</u>	Received by: <u>[Signature]</u>	Date: <u>1/25/22</u>	Time: <u>10:25</u>
	Relinquished by: <u>[Signature]</u>	Date: <u>1/25/22</u>	Time: <u>12:22</u>	Received by:	Date:	Time:
	Relinquished by:	Date:	Time:	Received by Laboratory: <u>[Signature]</u>	Date: <u>1/25/22</u>	Time: <u>12:22</u>

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124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd, Falmouth, ME 04105
Report To: JA Brignull
Phone #: 207-253-1990
Invoice to: Same
Email: Abrignulle@cegenvironmental.com
PO #:

Project Name: DEPC Smith Meddybemps
Project #: 0821-391-00 15
Project Location: NH MA ME VT
Accreditation Required? N/Y:
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

- VOC 8260
- VOC 8260 NHDES
- VOC 8260 MADEP
- VOC 824.1
- VOC BTEX MBE, only
- VOC 8021VT
- VPH MADEP
- GRO 8015
- 1,4-Dioxane
- VOC 524.2
- VOC 524-2 NH List
- Gases-List:
- TPH 8100
- DRP 8015
- EPH MADEP
- TPH Fingerprint
- 8270PAH
- 8270ABN
- 625.1
- EDB
- 8082 PCB
- 8081 Pesticides
- 608.3 Pest/PCB
- PFAS 537.1
- PFAS 533
- PFAS isotope dilution
- O&G 1664
- Mineral O&G 1664
- pH
- BOD
- Conductivity
- Turbidity
- Apparent Color
- TSS
- TDS
- TVS
- Alkalinity
- Acidity
- RCRA Metals
- Priority Pollutant Metals
- TAL Metals
- Hardness
- Total Metals-list:
- Dissolved Metals-list:
- Ammonia
- COD
- TKN
- TN
- TON
- TOC
- Ferrous Iron
- T-Phosphorus
- Bacteria P/A
- Bacteria MPN
- Enterococci
- Cyanide
- Sulfide
- Nitrate + Nitrite
- Ortho P
- Phenols
- Nitrate
- Nitrite
- Chloride
- Sulfate
- Bromide
- Fluoride
- Corrosivity
- Ignitibility/FP
- TCLP Metals
- TCLP VOC
- TCLP SVOC
- TCLP Pesticide
- Subcontract: Grain Size
- Herbicides
- Asbestos

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
57953 -12	K(20)A	1		X							1/19	13:09 RC	
-13	V55Ad	1		X							1/19	14:00 RC	
-14	N70Ad	1		X							1/19	14:07 RC	
-15	T65A	1		X							1/19	14:30 RC	
+16	R45A	1		X							1/19	11:28 RC	
-17	P50A	1		X							1/19	9:35 AB	
-18	P60A	1		X							1/19	10:53 B	
-19	M45A	1		X							1/19	13:33 B	
-20	Q80A	1		X							1/19	10:57 AD	
-21	S45A	1		X							1/19	11:30 RC	
-22	Q75A	1		X							1/19	11:08 AP	

HOLD

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS PDF (e-mail address) Abrignulle@cegenvironmental.com
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 4 °C

CUSTODY RECORD
OSD-01 Revision 09/16/2021

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
	1/25/22	10:25		1/25/22	10:25
Relinquished by:	Date	Time	Received by:	Date	Time
	1/25/22	12:22			
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
				1/25/22	12:22

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Portsmouth, NH 03801
603-436-2001

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**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd, Falmouth, ME 04105
Report To: A Brignull
Phone #: 207-253-1990
Invoice to: Same
Email: Abrignull@cegenvironmental.com
PO #:

Project Name: DEP CS Smith Muddybemps
Project #: 0821-391-0015
Project Location: NH MA ME VT
Accreditation Required? N/Y:
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260 NHDDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MMBE, only	<input type="checkbox"/> VOC 8021VT	
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRP 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB
<input type="checkbox"/> 6082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> <u>Sorbent</u>
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664		
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness
<input type="checkbox"/> Total Metals-list:			
<input type="checkbox"/> Dissolved Metals-list:			
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP		
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide
<input type="checkbox"/> Subcontract	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos
<input type="checkbox"/> Grab (G) or Composite (C)			

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59933-23	B6A	1		X							1/19	9:42	AB
-24	H(20)A	1		X							1/19	13:10	B
-25	U55A	1		X							1/19	14:28	AB
-26	R80AA	1		X							1/19	14:00	A
-27	R45A	1		X							1/19	13:48	B
-28	K(25)A	1		X							1/19	13:09	AB
-29	T85AA	1		X							1/18	16:01	AP
-30	I(25)A	1		X							1/19	14:16	AB
-31	L50A	1		X							1/19	13:35	AB
-32	L50ADup	1		X							1/19	13:35	AB
-33	U65A	1		X							1/19	14:28	B

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard
(10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
SPECIAL INSTRUCTIONS
 PDF (e-mail address) Abrignull@cegenvironmental.com
 HARD COPY REQUIRED LEDD
REPORTING INSTRUCTIONS
RECEIVED ON ICE YES NO
TEMPERATURE 4 °C

CUSTODY RECORD
QSD-01 Revision 09/16/2021

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	1/25/22	10:25	<u>[Signature]</u>	1/25/22	10:25
Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	1/25/22	12:22			
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
			<u>[Signature]</u>	1/25/22	12:22

Absolute Resource
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Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
 Company Address: 173 Gray Rd Falmouth, ME 04105
 Report To: A Brignull
 Phone #: 207-253-1990
 Invoice to: Same
 Email: Abriignullecegenvironmental.com
 PO #:

Project Name: DEP C Smith Meddyboro
 Project #: 0821-391-015
 Project Location: NH MA ME VT
 Accreditation Required? N/Y: Y
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote #
 NH Reimbursement Pricing

- VOC 8260 MADEP
- VOC 8260 NHDDES
- VOC 8260 MADEP
- VOC 624.1
- VOC BTEX MBE, only
- VOC 8021VT
- VPH MADEP
- GRO 8015
- 1,4-Dioxane
- VOC 524.2
- VOC 524.2 NH List
- Gases-List:
- TPH 8100
- DRO 8015
- EPH MADEP
- TPH Fingerprint
- 8270PAH
- 8270ABN
- 625.1
- EDB
- 082 PCB
- 8081 Pesticides
- 608.3 Pest/PCB
- PFAS 537.1
- PFAS 533
- PFAS isotope dilution
- O&G 1664
- Mineral O&G 1664
- pH
- BOD
- Conductivity
- Turbidity
- Apparent Color
- TSS
- TDS
- TS
- TVS
- Alkalinity
- Acidity
- RCRA Metals
- Priority Pollutant Metals
- TAL Metals
- Hardness
- Total Metals-list:
- Dissolved Metals-list:
- Ammonia
- COD
- TKN
- TN
- TON
- TOC
- Ferrous Iron
- T-Phosphorus
- Bacteria P/A
- Bacteria MPN
- Enterococci
- Cyanide
- Sulfide
- Nitrate + Nitrite
- Ortho P
- Phenols
- Nitrate
- Nitrite
- Chloride
- Sulfate
- Bromide
- Fluoride
- Corrosivity
- Ignitibility/FP
- TCLP Metals
- TCLP VOC
- TCLP SVOC
- TCLP Pesticide
- Subcontract: Grain Size
- Herbicides
- Asbestos

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling			
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER	
59953-34	G70 A	1		X							1/19	10:39 AB	X	HOLD
-35	S50 A	1		X							1/19	11:34 RC	X	HOLD
-36	S70 A	1		X							1/19	13:53 RC	X	
-37	U45 A	1		X							1/19	9:54 B	X	
-38	T60 A	1		X							1/19	9:22 B	X	
-39	T55 A	1		X							1/19	11:43 AB	X	
-40	S55 A	1		X							1/19	11:45 B	X	
-41	P40 A	1		X							1/19	9:42 B	X	
-42	P60 Dup	1		X							1/19	10:58 B	X	
-43	N40 A	1		X							1/19	13:40 RC	X	
-44	V45 A	1		X							1/19	14:02 AB	X	HOLD

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

PDF (e-mail address) Abriignullecegenvironmental.com

HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
 TEMPERATURE 4 °C

CUSTODY RECORD
 QSD-01 Revision 09/16/2021

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	1/25/22	10:25	<i>[Signature]</i>	1/25/22	10:25
Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	1/25/22	12:22	<i>[Signature]</i>		
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
			<i>[Signature]</i>	1/25/22	12:22

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd, Falmouth, ME 04105
Report To: A Brignull
Phone #: 207-253-1990
Invoice to: Same
Email: Abriignulle@cegenvironmental.com
PO #:

Project Name: DEDC Smith Meddy Camps
Project #: 0821-391-00/05
Project Location: NH MA ME VT
Accreditation Required? N/Y: N
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting Limits: QAPP GW-1 S-1
EPA DW Other
Quote #
 NH Reimbursement Pricing

- VOC 8260
- VOC 8260 NHDES
- VOC 8260 MADEP
- VOC 624.1
- VOC BTEX MBE, only
- VOC 8021VT
- VPH MADEP
- GRO 8015
- 1,4-Dioxane
- VOC 524.2
- VOC 524.2 NH List
- Gases-List:
- TPH 8100
- DRP 8015
- EPH MADEP
- TPH Fingerprint
- 8270PAH
- 8270ABN
- 625.1
- EDB
- 8092 PCB
- 8081 Pesticides
- 608.3 Pest/PCB
- PFAS 537.1
- PFAS 533
- PFAS isotope dilution
- O&G 1664
- Mineral O&G 1664
- pH
- BOD
- Conductivity
- Turbidity
- Apparent Color
- TSS
- TDS
- TS
- TVS
- Alkalinity
- Acidity
- RCRA Metals
- Priority Pollutant Metals
- TAL Metals
- Hardness
- Total Metals-list:
- Dissolved Metals-list:
- Ammonia
- COD
- TKN
- TN
- TON
- TOC
- Ferrous Iron
- T-Phosphorus
- Bacteria P/A
- Bacteria MPN
- Enterococci
- Cyanide
- Sulfide
- Nitrate + Nitrite
- Ortho P
- Phenols
- Nitrate
- Nitrite
- Chloride
- Sulfate
- Bromide
- Fluoride
- Corrosivity
- Ignitibility/FP
- TCLP Metals
- TCLP VOC
- TCLP SVOC
- TCLP Pesticide
- Subcontract: Grain Size Herbicides Asbestos
- Grab (G) or Composite (C)

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
5453-45	T 45 A	1		X							1/19	11:30 R	
-46	B 5 A	1		X							1/19	9:30 RC	
-47	Q 40 A	1		X							1/19	11:24 B	
-48	L 50 A	1		X							1/19	9:28 B	
-49	L 60 A	1		X							1/19	13:42 RC	
-50	P 70 Ad	1		X							1/19	14:07 RC	
51	P 60 Dup	1		X							1/19	10:58 B	
-51	K 55 d	1		X							1/20	12:20 B	
-52	J 45 A	1		X							1/20	9:45 B	
-53	J 45 A Dup	1		X							1/20	9:45 B	
-54	G (25) A	1		X							1/20	12:35 AB	

HOLD

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard
(10 Business Days)
*Date Needed

SPECIAL INSTRUCTIONS
See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
REPORTING INSTRUCTIONS PDF (e-mail address) Abriignulle@cegenvironmental.com
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 4 °C

CUSTODY RECORD
OSD-01 Revision 09/16/2021

Relinquished by Sampler: [Signature] Date 1/25/22 Time 10:25
Relinquished by: [Signature] Date 1/25/22 Time 12:12
Relinquished by: _____ Date _____ Time _____
Received by: [Signature]
Received by: _____
Received by Laboratory: [Signature]

Date 1/25/22 Time 10:25
Date _____ Time _____
Date 1/25/22 Time 12:22

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd, Falmouth, ME 04105
Report To: A Brignull
Phone #: 207-253-1890
Invoice to: Same
Email: Abrignull@cegenvironmental.com
PO #:

Project Name: DEP C Smith Muddy Brook
Project #: 0021-391-0015
Project Location: NH MA ME VT
Accreditation Required? N/Y:
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MMBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100
<input type="checkbox"/> DRP 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH
<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB
<input type="checkbox"/> 6082 PCB	<input type="checkbox"/> 6081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD
<input type="checkbox"/> pH	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness
<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN
<input type="checkbox"/> TOC	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus
<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide
<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate
<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide
<input type="checkbox"/> Subcontract	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos
<input type="checkbox"/> Grab (G) or Composite (C)			

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
54-55	G(25)A	1		X							1/20	12:35	AS
56-57	G 45A	1		X							1/20	9:48	AS
57-58	G 45A	1		X							1/20	9:48	AS
58-59	EC(25)A	1		X							1/20	12:35	D
59-60	M(65)A	1		X							1/20	12:14	B
60-61	F(20)A	1		X							1/20	12:40	B
62-63	H 45A	1		X							1/20	9:52	B
62-63	C(25)A	1		X							1/20	13:20	B
63	F(25)	1		X							1/20	12:38	

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
SPECIAL INSTRUCTIONS
REPORTING INSTRUCTIONS: PDF (e-mail address) _____
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 4 °C

CUSTODY RECORD
QSD-01 Revision 09/16/2021

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>1/25/22</u> Time: <u>10:25</u>	Received by: <u>[Signature]</u>	Date: <u>1/25/22</u> Time: <u>10:25</u>
Relinquished by: <u>[Signature]</u>	Date: <u>1/25/22</u> Time: <u>12:22</u>	Received by:	Date: Time
Relinquished by:	Date: Time	Received by Laboratory: <u>[Signature]</u>	Date: <u>1/25/22</u> Time: <u>12:22</u>

Sample Receipt Condition Report

59953

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 4 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓by analyst PC Dry applicable? Y N
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G)	4oz(G)	63 8oz(G)	Syringe			
None (water)	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
						1L(G) 1L(P)	
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			Received var F(25) 1/20 12:38
Analyses marked on COC match bottles received?	X			not on CoC
VOC & TOC Water-no headspace?				
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?			X	
Subcontract note on login board?				
Pesticides EPA 608 pH5-9?				
Compliance samples have no discrepancies/require no flags?			X	(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: RLM

 Date/Time: 1/24 15:37

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	<input type="checkbox"/> -references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	<input type="checkbox"/> -wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
_____	_____	Report / Data / EDD / Invoice
_____	_____	Report / Data / EDD / Invoice
_____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 59954
Date Received: 1/25/22

Project: DEP Meddy 0821-391-01 #5

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Willie Stone', with a long, sweeping underline.

Willie Stone
Authorized Signature

Date of Approval: 2/15/2022
Total number of pages: 21

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
L 30 A	Solid	1/24/2022 13:09	59954-001	PCBs in solids by Soxhlet 8082
L 10 A	Solid	1/24/2022 13:10	59954-002	PCBs in solids by Soxhlet 8082
L 40 A	Solid	1/24/2022 13:04	59954-003	PCBs in solids by Soxhlet 8082
L (5) A	Solid	1/24/2022 13:01	59954-004	PCBs in solids by Soxhlet 8082
L 20 A	Solid	1/24/2022 13:12	59954-005	PCBs in solids by Soxhlet 8082
L 5 A	Solid	1/24/2022 13:07	59954-006	PCBs in solids by Soxhlet 8082
L 0 A	Solid	1/24/2022 13:05	59954-007	PCBs in solids by Soxhlet 8082
L 20 A DUP	Solid	1/24/2022 13:34	59954-008	PCBs in solids by Soxhlet 8082
N (5) A	Solid	1/24/2022 11:13	59954-009	PCBs in solids by Soxhlet 8082
N 0 A	Solid	1/24/2022 11:20	59954-010	PCBs in solids by Soxhlet 8082
N 60 A	Solid	1/24/2022 11:14	59954-011	PCBs in solids by Soxhlet 8082
N 30 A	Solid	1/24/2022 11:22	59954-012	PCBs in solids by Soxhlet 8082
N 20 A	Solid	1/24/2022 11:29	59954-013	PCBs in solids by Soxhlet 8082
N 10 A	Solid	1/24/2022 11:25	59954-014	PCBs in solids by Soxhlet 8082
Q 15 A	Solid	1/24/2022 13:30	59954-015	PCBs in solids by Soxhlet 8082
P 30 A	Solid	1/24/2022 12:04	59954-016	PCBs in solids by Soxhlet 8082
S 65 A	Solid	1/24/2022 11:19	59954-017	PCBs in solids by Soxhlet 8082
P 20 A	Solid	1/24/2022 13:30	59954-018	PCBs in solids by Soxhlet 8082
O 10 A	Solid	1/24/2022 11:22	59954-019	PCBs in solids by Soxhlet 8082
O (5) A	Solid	1/24/2022 11:15	59954-020	PCBs in solids by Soxhlet 8082
O 0 A	Solid	1/24/2022 12:24	59954-021	PCBs in solids by Soxhlet 8082

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-001

Sample ID: L 30 A

Matrix: Solid Percent Dry: 91.2% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:09

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
PCB-1254	3.8	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
PCB-1260	0.46	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	103	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:33	SW3540C8082A

Sample#: 59954-002

Sample ID: L 10 A

Matrix: Solid Percent Dry: 89.2% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
PCB-1260	0.41	0.19	ug/g	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:46	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-003

Sample ID: L 40 A

Matrix: Solid Percent Dry: 93.7% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:04

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
PCB-1254	2.5	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
PCB-1260	0.32	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	DBV	2/7/22	14691	2/8/22	12:58	SW3540C8082A

Sample#: 59954-004

Sample ID: L (5) A

Matrix: Solid Percent Dry: 87.5% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:01

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
PCB-1260	1.2	0.17	ug/g	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	83	30-150	%	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	2/7/22	14691	2/8/22	13:11	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-005

Sample ID: L 20 A

Matrix: Solid Percent Dry: 89.2% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
PCB-1260	1.1	0.18	ug/g	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	80	30-150	%	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	2/7/22	14691	2/8/22	13:24	SW3540C8082A

Sample#: 59954-006

Sample ID: L 5 A

Matrix: Solid Percent Dry: 91.1% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:07

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
PCB-1254	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
PCB-1260	< 0.14	0.14	ug/g	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	2/7/22	14691	2/8/22	13:36	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-007

Sample ID: L 0 A

Matrix: Solid Percent Dry: 88.6% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:05

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
PCB-1260	0.20	0.19	ug/g	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A
decachlorobiphenyl SUR	69	30-150	%	1	ACA	2/8/22	14691	2/9/22	10:28	SW3540C8082A

Sample#: 59954-008

Sample ID: L 20 A DUP

Matrix: Solid Percent Dry: 89.6% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:34

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
PCB-1260	1.4	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	75	30-150	%	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	ACA	2/8/22	14691	2/9/22	10:41	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-009

Sample ID: N (5) A

Matrix: Solid Percent Dry: 79.4% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:13

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
PCB-1254	0.76	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
PCB-1260	0.87	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A
decachlorobiphenyl SUR	73	30-150	%	1	ACA	2/8/22	14691	2/9/22	10:53	SW3540C8082A

Sample#: 59954-010

Sample ID: N 0 A

Matrix: Solid Percent Dry: 89.8% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
PCB-1254	0.30	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
PCB-1260	0.20	0.15	ug/g	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A
decachlorobiphenyl SUR	64	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:06	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-011

Sample ID: N 60 A

Matrix: Solid Percent Dry: 92.6% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:14

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A
decachlorobiphenyl SUR	61	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:18	SW3540C8082A

Sample#: 59954-012

Sample ID: N 30 A

Matrix: Solid Percent Dry: 91.2% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:22

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	86	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:31	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-013

Sample ID: N 20 A

Matrix: Solid Percent Dry: 88.5% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:29

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:44	SW3540C8082A

Sample#: 59954-014

Sample ID: N 10 A

Matrix: Solid Percent Dry: 91.2% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:25

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
PCB-1254	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
PCB-1260	< 0.14	0.14	ug/g	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	96	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	ACA	2/8/22	14691	2/9/22	11:56	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-015

Sample ID: Q 15 A

Matrix: Solid Percent Dry: 88.3% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
PCB-1260	0.22	0.17	ug/g	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A
decachlorobiphenyl SUR	82	30-150	%	1	ACA	2/8/22	14691	2/9/22	12:09	SW3540C8082A

Sample#: 59954-016

Sample ID: P 30 A

Matrix: Solid Percent Dry: 88.5% Results expressed on a dry weight basis.

Sampled: 1/24/22 12:04

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
PCB-1260	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	92	30-150	%	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	ACA	2/8/22	14691	2/9/22	12:22	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-017

Sample ID: S 65 A

Matrix: Solid Percent Dry: 86.4% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:19

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
PCB-1260	0.16	0.16	ug/g	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	ACA	2/8/22	14691	2/9/22	13:12	SW3540C8082A

Sample#: 59954-018

Sample ID: P 20 A

Matrix: Solid Percent Dry: 88.3% Results expressed on a dry weight basis.

Sampled: 1/24/22 13:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	2/9/22	14702	2/10/22	15:02	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-019

Sample ID: O 10 A

Matrix: Solid Percent Dry: 91.6% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:22

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	2/9/22	14702	2/10/22	12:49	SW3540C8082A

Sample#: 59954-020

Sample ID: O (5) A

Matrix: Solid Percent Dry: 72.8% Results expressed on a dry weight basis.

Sampled: 1/24/22 11:15

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.21	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
PCB-1221	< 0.21	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
PCB-1232	< 0.21	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
PCB-1242	< 0.21	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
PCB-1248	< 0.21	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
PCB-1254	< 0.21	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
PCB-1260	0.89	0.21	ug/g	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:02	SW3540C8082A

Project ID: DEP Meddy 0821-391-01 #5

Job ID: 59954

Sample#: 59954-021

Sample ID: O 0 A

Matrix: Solid

Percent Dry: 73.9% Results expressed on a dry weight basis.

Sampled: 1/24/22 12:24

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
PCB-1221	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
PCB-1232	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
PCB-1242	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
PCB-1248	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
PCB-1254	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
PCB-1260	< 0.22	0.22	ug/g	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:15	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 59954

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14691	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			82	%			30	150		
		decachlorobiphenyl SUR			56	%			30	150		
SW3540C8082A	LCS14691	PCB-1016			3.4	ug/g	3.33	103	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.9	ug/g	3.33	87	40	140		
		tetrachloro-m-xylene SUR			85	%			30	150		
		decachlorobiphenyl SUR			70	%			30	150		
SW3540C8082A	LCSD14691	PCB-1016			3.4	ug/g	3.33	103	40	140	0	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.1	ug/g	3.33	92	40	140	6	30
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			75	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit	
SW3540C8082A	BLK14702	PCB-1016		< 0.17	ug/g						
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		< 0.17	ug/g						
		tetrachloro-m-xylene SUR		73	%			30	150		
		decachlorobiphenyl SUR		59	%			30	150		
SW3540C8082A	LCS14702	PCB-1016		2.8	ug/g	3.33	84	40	140		
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.5	ug/g	3.33	75	40	140		
		tetrachloro-m-xylene SUR		81	%			30	150		
		decachlorobiphenyl SUR		64	%			30	150		
SW3540C8082A	LCSD14702	PCB-1016		3.0	ug/g	3.33	89	40	140	6	30
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.7	ug/g	3.33	82	40	140	9	30
		tetrachloro-m-xylene SUR		85	%			30	150		
		decachlorobiphenyl SUR		74	%			30	150		

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

59954

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth
Report To: Aaron Brignull
Phone #: 207 253 1990
Invoice to: same
Email: abrignull@cegenvironmental.com
PO #:

Project Name: DEP Meddely
Project #:
Project Location: NH MA ME VT
Accreditation Required? N/Y: Y
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting Limits: QAPP GW-1 S-1
EPA DW Other
Quote #:
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MIBE, only	<input type="checkbox"/> VOC 8021VT
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRP 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN
<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input checked="" type="checkbox"/> 8082 PCB
<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1
<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664
<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD
<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC
<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A
<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide
<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P
<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite
<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide
<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size
<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
59954-12	N 30 A	1		X							1/24/22	11:27	KHR
-13	N 20 A											11:29	
-14	N 10 A											11:25	
-15	Q 15 A											13:30	
-16	P 30 A											12:04	
-17	S 65 A											11:19	
-18	P 20 A											13:30	
-19	O 10 A											11:22	
-20	O (5) A											11:15	
-21	O O A											12:24	

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
Sox hot please

REPORTING INSTRUCTIONS PDF (e-mail address) abrignull@cegenvironmental.com
 HARD COPY REQUIRED EDD _____

RECEIVED ON ICE YES NO
 TEMPERATURE 4 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler:	Date	Time	Received by:	Date	Time
	<u>[Signature]</u>	1/25/22		<u>[Signature]</u>	1/25/22	10:25
	<u>[Signature]</u>	1/25/22	12:22			
	Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
				<u>[Signature]</u>	1/25/22	12:22

Sample Receipt Condition Report

59954

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 4 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G)	4oz(G)	21 8oz(G)	Syringe			
None (water)	40ml (G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)	1L(G)	1L (P)
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

*pH ✓ by analyst. VOC, PFAS, TOC, O&G
Residual Cl not present:
ABN625 Pest608
Bacteria ResCl ✓ by analyst

PC Dry applicable? Y N

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?			X	
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , o-PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?			X	
Subcontract note on login board?				
Pesticides EPA 608 pH5-9?				
Compliance samples have no discrepancies/require no flags?				(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: K.W.

 Date/Time: 1/25/22 14:32

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

<u>Initials</u>	<u>Date</u>	<u>What was sent?</u>
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 60024
Date Received: 2/2/22

Project: DEPC Smith/Meddybemps 0821-391-00 / 5

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Willie Stone', with a long, sweeping underline.

Willie Stone
Authorized Signature

Date of Approval: 2/24/2022
Total number of pages: 31

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
I 45 A	Solid	1/26/2022 11:15	60024-001	PCBs in solids by Soxhlet 8082
G 35 A	Solid	1/26/2022 11:57	60024-002	PCBs in solids by Soxhlet 8082
J 40 A	Solid	1/26/2022 11:57	60024-003	PCBs in solids by Soxhlet 8082
J 30 A	Solid	1/26/2022 12:01	60024-004	PCBs in solids by Soxhlet 8082
H 30 A	Solid	1/26/2022 13:13	60024-005	PCBs in solids by Soxhlet 8082
G 15 A	Solid	1/27/2022 8:02	60024-006	PCBs in solids by Soxhlet 8082
I 15 A	Solid	1/26/2022 13:20	60024-007	PCBs in solids by Soxhlet 8082
J 20 A	Solid	1/26/2022 13:23	60024-008	PCBs in solids by Soxhlet 8082
I 35 A	Solid	1/26/2022 12:03	60024-009	PCBs in solids by Soxhlet 8082
Y (25) A	Solid	1/26/2022 10:11	60024-010	PCBs in solids by Soxhlet 8082
S 85 A	Solid	1/26/2022 10:52	60024-011	PCBs in solids by Soxhlet 8082
G (5) A	Solid	1/27/2022 8:06	60024-012	PCBs in solids by Soxhlet 8082
A (15) A	Solid	1/26/2022 10:47	60024-013	PCBs in solids by Soxhlet 8082
J 10 A	Solid	1/26/2022 13:18	60024-014	PCBs in solids by Soxhlet 8082
G 5 A	Solid	1/27/2022 8:07	60024-015	PCBs in solids by Soxhlet 8082
J 0 A	Solid	1/26/2022 13:14	60024-016	PCBs in solids by Soxhlet 8082
H (10) A	Solid	1/27/2022 8:12	60024-017	PCBs in solids by Soxhlet 8082
M 65 A	Solid	1/26/2022 11:09	60024-018	PCBs in solids by Soxhlet 8082
A (25) A	Solid	1/26/2022 10:18	60024-019	PCBs in solids by Soxhlet 8082
O 65 A	Solid	1/26/2022 11:00	60024-020	PCBs in solids by Soxhlet 8082
E (5) A	Solid	1/26/2022 14:20	60024-021	PCBs in solids by Soxhlet 8082
I (5) A	Solid	1/27/2022 7:58	60024-022	PCBs in solids by Soxhlet 8082
K (10) A	Solid	1/26/2022 14:00	60024-023	PCBs in solids by Soxhlet 8082

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
F (10) A	Solid	1/27/2022 8:12	60024-025	PCBs in solids by Soxhlet 8082
D (15) A	Solid	1/26/2022 14:19	60024-026	PCBs in solids by Soxhlet 8082
B (15) A	Solid	1/26/2022 10:57	60024-027	PCBs in solids by Soxhlet 8082
I (15) A	Solid	1/27/2022 8:16	60024-029	PCBs in solids by Soxhlet 8082
I 25 A	Solid	1/26/2022 13:20	60024-030	PCBs in solids by Soxhlet 8082
G 25 A	Solid	1/27/2022 7:56	60024-031	PCBs in solids by Soxhlet 8082
L 55 A	Solid	1/26/2022 11:12	60024-032	PCBs in solids by Soxhlet 8082
J 20 A Dup	Solid	1/26/2022 13:23	60024-033	PCBs in solids by Soxhlet 8082
K 55 A	Solid	1/26/2022 11:08	60024-034	PCBs in solids by Soxhlet 8082
G 35 A Dup	Solid	1/26/2022 11:57	60024-035	PCBs in solids by Soxhlet 8082
F (10) A Dup	Solid	1/27/2022 8:12	60024-037	PCBs in solids by Soxhlet 8082

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-001

Sample ID: I 45 A

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:15

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A
decachlorobiphenyl SUR	72	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:27	SW3540C8082A

Sample#: 60024-002

Sample ID: G 35 A

Matrix: Solid Percent Dry: 86.7% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:57

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
PCB-1254	0.34	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
PCB-1260	0.21	0.19	ug/g	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:40	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-003

Sample ID: J 40 A

Matrix: Solid Percent Dry: 91.8% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:57

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
PCB-1254	0.19	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
PCB-1260	0.35	0.16	ug/g	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	2/9/22	14702	2/10/22	13:53	SW3540C8082A

Sample#: 60024-004

Sample ID: J 30 A

Matrix: Solid Percent Dry: 88% Results expressed on a dry weight basis.

Sampled: 1/26/22 12:01

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
PCB-1254	0.30	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
PCB-1260	0.67	0.17	ug/g	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	DBV	2/9/22	14702	2/10/22	14:05	SW3540C8082A

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Job ID: 60024

Sample#: 60024-005

Sample ID: H 30 A

Matrix: Solid Percent Dry: 85.5% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:13

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
PCB-1254	0.98	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
PCB-1260	1.1	0.18	ug/g	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	88	30-150	%	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	2/9/22	14702	2/10/22	14:18	SW3540C8082A

Sample#: 60024-006

Sample ID: G 15 A

Matrix: Solid Percent Dry: 87% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:02

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
PCB-1260	0.68	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	2/10/22	14702	2/11/22	13:23	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-007

Sample ID: I 15 A

Matrix: Solid Percent Dry: 85.6% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
PCB-1260	0.75	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	85	30-150	%	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	2/10/22	14702	2/11/22	13:36	SW3540C8082A

Sample#: 60024-008

Sample ID: J 20 A

Matrix: Solid Percent Dry: 84.9% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:23

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
PCB-1260	2.0	0.19	ug/g	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	102	30-150	%	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A
decachlorobiphenyl SUR	88	30-150	%	1	DBV	2/10/22	14702	2/11/22	13:48	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-009

Sample ID: I 35 A

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 1/26/22 12:03

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
PCB-1260	0.56	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	101	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:01	SW3540C8082A

Sample#: 60024-010

Sample ID: Y (25) A

Matrix: Solid Percent Dry: 81.2% Results expressed on a dry weight basis.

Sampled: 1/26/22 10:11

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
PCB-1260	0.62	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	102	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:13	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-011

Sample ID: S 85 A

Matrix: Solid Percent Dry: 85.5% Results expressed on a dry weight basis.

Sampled: 1/26/22 10:52

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
PCB-1260	0.24	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	93	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:26	SW3540C8082A

Sample#: 60024-012

Sample ID: G (5) A

Matrix: Solid Percent Dry: 88.1% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:06

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
PCB-1260	0.21	0.18	ug/g	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	89	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A
decachlorobiphenyl SUR	86	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:39	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-013

Sample ID: A (15) A

Matrix: Solid Percent Dry: 87.5% Results expressed on a dry weight basis.

Sampled: 1/26/22 10:47

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
PCB-1260	0.19	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	89	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	2/10/22	14702	2/11/22	14:51	SW3540C8082A

Sample#: 60024-014

Sample ID: J 10 A

Matrix: Solid Percent Dry: 87% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:18

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
PCB-1260	1.6	0.16	ug/g	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	105	30-150	%	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	2/10/22	14702	2/11/22	15:04	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-015

Sample ID: G 5 A

Matrix: Solid Percent Dry: 87% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:07

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
PCB-1254	0.32	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
PCB-1260	0.52	0.17	ug/g	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	2/10/22	14702	2/11/22	15:17	SW3540C8082A

Sample#: 60024-016

Sample ID: J 0 A

Matrix: Solid Percent Dry: 88.1% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:14

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
PCB-1260	0.25	0.15	ug/g	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	94	30-150	%	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	2/10/22	14702	2/11/22	16:07	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-017

Sample ID: H (10) A

Matrix: Solid Percent Dry: 88.7% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
PCB-1260	0.43	0.18	ug/g	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	2/15/22	14713	2/16/22	21:45	SW3540C8082A

Sample#: 60024-018

Sample ID: M 65 A

Matrix: Solid Percent Dry: 80.8% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:09

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	101	30-150	%	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	2/16/22	14726	2/18/22	9:59	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-019

Sample ID: A (25) A

Matrix: Solid Percent Dry: 75.2% Results expressed on a dry weight basis.

Sampled: 1/26/22 10:18

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
PCB-1260	0.50	0.18	ug/g	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:11	SW3540C8082A

Sample#: 60024-020

Sample ID: O 65 A

Matrix: Solid Percent Dry: 79.9% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
PCB-1260	< 0.20	0.20	ug/g	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	96	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A
decachlorobiphenyl SUR	88	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:24	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-021

Sample ID: E (5) A

Matrix: Solid Percent Dry: 85.7% Results expressed on a dry weight basis.

Sampled: 1/26/22 14:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:37	SW3540C8082A

Sample#: 60024-022

Sample ID: I (5) A

Matrix: Solid Percent Dry: 84.3% Results expressed on a dry weight basis.

Sampled: 1/27/22 7:58

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	2/16/22	14726	2/18/22	10:49	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-023

Sample ID: K (10) A

Matrix: Solid Percent Dry: 85.2% Results expressed on a dry weight basis.

Sampled: 1/26/22 14:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
PCB-1260	0.39	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	101	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A
decachlorobiphenyl SUR	89	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:02	SW3540C8082A

Sample#: 60024-025

Sample ID: F (10) A

Matrix: Solid Percent Dry: 88.8% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
PCB-1254	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
PCB-1260	< 0.14	0.14	ug/g	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	87	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:15	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-026

Sample ID: D (15) A

Matrix: Solid Percent Dry: 87.7% Results expressed on a dry weight basis.

Sampled: 1/26/22 14:19

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
PCB-1260	0.19	0.17	ug/g	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	104	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:27	SW3540C8082A

Sample#: 60024-027

Sample ID: B (15) A

Matrix: Solid Percent Dry: 86.7% Results expressed on a dry weight basis.

Sampled: 1/26/22 10:57

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
PCB-1260	0.24	0.16	ug/g	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	95	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A
decachlorobiphenyl SUR	81	30-150	%	1	DBV	2/16/22	14726	2/18/22	11:40	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-029

Sample ID: I (15) A

Matrix: Solid Percent Dry: 84.4% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:16

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
PCB-1221	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
PCB-1232	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
PCB-1242	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
PCB-1248	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
PCB-1254	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
PCB-1260	< 0.20	0.20	ug/g	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	2/17/22	14726	2/18/22	12:09	SW3540C8082A

Sample#: 60024-030

Sample ID: I 25 A

Matrix: Solid Percent Dry: 88.6% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
PCB-1254	0.43	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
PCB-1260	1.5	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	94	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A
decachlorobiphenyl SUR	73	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:00	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-031

Sample ID: G 25 A

Matrix: Solid

Percent Dry: 86.4% Results expressed on a dry weight basis.

Sampled: 1/27/22 7:56

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
PCB-1260	0.19	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	98	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A
decachlorobiphenyl SUR	78	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:13	SW3540C8082A

Sample#: 60024-032

Sample ID: L 55 A

Matrix: Solid

Percent Dry: 83.5% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
PCB-1260	0.33	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	90	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A
decachlorobiphenyl SUR	67	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:25	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-033

Sample ID: J 20 A Dup

Matrix: Solid Percent Dry: 85.2% Results expressed on a dry weight basis.

Sampled: 1/26/22 13:23

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
PCB-1254	0.42	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
PCB-1260	2.2	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:38	SW3540C8082A

Sample#: 60024-034

Sample ID: K 55 A

Matrix: Solid Percent Dry: 89% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:08

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
PCB-1254	0.56	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
PCB-1260	0.81	0.17	ug/g	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	91	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A
decachlorobiphenyl SUR	76	30-150	%	1	DBV	2/17/22	14726	2/18/22	13:51	SW3540C8082A

Project ID: DEPC Smith/Meddybemps 0821-391-00 / 5

Job ID: 60024

Sample#: 60024-035

Sample ID: G 35 A Dup

Matrix: Solid Percent Dry: 87.3% Results expressed on a dry weight basis.

Sampled: 1/26/22 11:57

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
PCB-1254	0.17	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
PCB-1260	0.15	0.15	ug/g	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	99	30-150	%	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A
decachlorobiphenyl SUR	82	30-150	%	1	DBV	2/17/22	14726	2/18/22	14:04	SW3540C8082A

Sample#: 60024-037

Sample ID: F (10) A Dup

Matrix: Solid Percent Dry: 89.5% Results expressed on a dry weight basis.

Sampled: 1/27/22 8:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	92	30-150	%	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	2/17/22	14726	2/18/22	14:16	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
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Case Narrative

Lab # 60024

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Samples 60024-024, -028, and -036 were originally placed on hold by the customer. The laboratory was informed to cancel analysis for these samples.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14702	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			73	%			30	150		
		decachlorobiphenyl SUR			59	%			30	150		
SW3540C8082A	LCS14702	PCB-1016			2.8	ug/g	3.33	84	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.5	ug/g	3.33	75	40	140		
		tetrachloro-m-xylene SUR			81	%			30	150		
		decachlorobiphenyl SUR			64	%			30	150		
SW3540C8082A	LCSD14702	PCB-1016			3.0	ug/g	3.33	89	40	140	6	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.7	ug/g	3.33	82	40	140	9	30
		tetrachloro-m-xylene SUR			85	%			30	150		
		decachlorobiphenyl SUR			74	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14713	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			80	%			30	150		
		decachlorobiphenyl SUR			72	%			30	150		
SW3540C8082A	LCS14713	PCB-1016			2.8	ug/g	3.33	84	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.5	ug/g	3.33	74	40	140		
		tetrachloro-m-xylene SUR			86	%			30	150		
		decachlorobiphenyl SUR			75	%			30	150		
SW3540C8082A	LCSD14713	PCB-1016			2.8	ug/g	3.33	85	40	140	1	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.5	ug/g	3.33	76	40	140	3	30
		tetrachloro-m-xylene SUR			80	%			30	150		
		decachlorobiphenyl SUR			78	%			30	150		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14726	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			83	%			30	150		
		decachlorobiphenyl SUR			72	%			30	150		
SW3540C8082A	LCS14726	PCB-1016			3.2	ug/g	3.33	95	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.7	ug/g	3.33	81	40	140		
		tetrachloro-m-xylene SUR			93	%			30	150		
		decachlorobiphenyl SUR			72	%			30	150		
SW3540C8082A	LCSD14726	PCB-1016			3.3	ug/g	3.33	100	40	140	5	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			3.0	ug/g	3.33	89	40	140	9	30
		tetrachloro-m-xylene SUR			96	%			30	150		
		decachlorobiphenyl SUR			83	%			30	150		

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603-436-2001

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**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

60024

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd Falmouth ME 04105
Report To: A Brignull
Phone #: 207-253-1990
Invoice to: same
Email: Abrignull@cegeenvironmental.com
PO #:

Project Name: DEPC Smith Property Camps
Project #: 0821-391-0015
Project Location: NH MA ME VT
Accreditation Required? N/Y: X
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MMBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling			
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER	
0024-01	145A	1		X							1/26	11:15	B	X
-02	G35A	1		X							1/26	11:57	B	X
-03	J40A	1		X							1/26	11:57	AB	X
-04	J30A	1		X							1/26	12:01	AB	X
-05	H30A	1		X							1/26	13:13	B	X
-06	G15A	1		X							1/27	8:02	AB	X
-07	I15A	1		X							1/26	13:20	AB	X
-08	J20A	1		X							1/26	13:23	AB	X
-09	I35A	1		X							1/26	12:03	B	X
-10	Y(25)A	1		X							1/26	10:11	B	X
-11	S85A	1		X							1/26	10:52	B	X

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard
(10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 1 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler: <u>[Signature]</u>	Date: <u>2/22/22</u> Time: <u>12:02</u>	Received by: <u>[Signature]</u>	Date: <u>2/22/22</u> Time: <u>12:01</u>
	Relinquished by: <u>[Signature]</u>	Date: <u>2/22/22</u> Time: <u>12:02</u>	Received by:	Date: _____ Time: _____
	Relinquished by:	Date: _____ Time: _____	Received by Laboratory: <u>[Signature]</u>	Date: <u>2/22/22</u> Time: <u>14:00</u>



124 Heritage Avenue #16
 Portsmouth, NH 03801
 603-436-2001
 absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Lab ID Here

ANALYSIS REQUEST

Company Name: *Campbell Environmental Group*
 Company Address: *173 Gray Rd Falmouth, ME 04105*
 Report To: *A Brignull*
 Phone #: *207-253-1990*
 Invoice to: *Same*
 Email: *Abrignull@cegeenvironmental.com*
 PO #:

Project Name: *DEP CS Smith/Reddybong 5*
 Project #: *0821-391-0015*
 Project Location: *NH MA ME VT*
 Accreditation Required? *N/Y: X*
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MMBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
0024-12	G(5)A	1		X							1/27	8:06	AB
-13	A(15)A	1		X							1/26	10:47	AB
-14	J10A	1		X							1/26	13:18	AB
-15	G5A	1		X							1/27	8:07	AB
-16	J0A	1		X							1/26	13:14	AB
-17	H(10)A	1		X							1/27	8:12	AB
-18	M65A	1		X							1/26	11:09	AB
-19	A(25)A	1		X							1/26	10:18	AB
-20	O65A	1		X							1/26	11:00	AB
-21	E(5)A	1		X							1/26	14:20	AB
-22	I(5)A	1		X							1/27	7:58	AB

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

SPECIAL INSTRUCTIONS
 See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
 PDF (e-mail address) _____
 HARD COPY REQUIRED EDD
RECEIVED ON ICE YES NO
TEMPERATURE _____ °C

CUSTODY RECORD
 QSD-01 Revision 09/16/2021

Relinquished by Sampler: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>12:02</i>	Received by: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>12:02</i>
Relinquished by: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>14:00</i>	Received by:	Date: Time
Relinquished by:	Date: Time	Received by Laboratory: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>14:00</i>



Absolute Resource
associates

124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

Lab ID Here

ANALYSIS REQUEST

Company Name: *Campbell Environmental Group*
 Company Address: *173 Gray Rd Falmouth, ME 04105*
 Report To: *A. Brignull*
 Phone #: *207-253-1990*
 Invoice to: *Same*
 Email: *Abignull@cegenvironmental*
 PO #:

Project Name: *DEP Smith Meddybemps*
 Project #: *0821-3910015*
 Project Location: NH MA ME VT
 Accreditation Required? N/Y: *Y*
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling			
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER	
60024-23	K(10)A	1		X							1/26	14:00	AB	X
-24	H(15)A	1		X							1/27	8:20	B	X
-25	F(10)A	1		X							1/27	8:12	AB	X
-26	D(15)A	1		X							1/26	14:19	AB	X
-27	B(15)A	1		X							1/26	10:57	AB	X
-28	Z(25)A	1		X							1/26	10:16	B	X
-29	I(15)A	1		X							1/27	8:16	AB	X
-30	I 25 A	1		X							1/26	13:20	B	X
	F(10)A	1		X							1/27	8:12	AB	X
-31	G 25 A	1		X							1/27	7:56	B	X
-32	L 55 A	1		X							1/26	11:12	AB	X

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
 TEMPERATURE 1 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>12:00</i>	Received by: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>12:00</i>
	Relinquished by: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>14:00</i>	Received by:	Date: Time
	Relinquished by:	Date: Time	Received by Laboratory: <i>[Signature]</i>	Date: <i>2/22/22</i> Time: <i>14:00</i>

Absolute Resource associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Lab ID Here

ANALYSIS REQUEST

Company Name: *Campbell Environmental Group*
 Company Address: *173 Gray Rd Falmouth ME 04105*
 Report To: *A Brignull*
 Phone #: *207-253-1990*
 Invoice to:
 Email: *Abrignullecogenvironmental.com*
 PO #:

Project Name: *DEP CS with Muddybeaps*
 Project #: *0821-391-005*
 Project Location: NH MA ME VT
 Accreditation Required? N/Y:
 Protocol: RCRA SDWA NPDES
 MCP NHDES DOD
 Reporting QAPP GW-1 S-1
 Limits: EPA DW Other
 Quote #
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624.1	<input type="checkbox"/> VOC BTEX MIBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP
<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DRO 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 825.1	<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides
<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> Sorbitol	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533
<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH
<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:
<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size
<input type="checkbox"/> Subcontract:	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)	

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling						
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER				
0024 -33 -343	K55A																
	J20A Dup 1	1		X										1/26	13:23	AD	
	K55A	1		X										1/26	11:08	AD	
	G35A Dup 1	1		X										1/26	11:57	AD	
	B(15)A	1		X										1/26	10:57	AD	
	B(25)A	1												1/26	10:21	BC	
	F(10)A Dup	2												1/27	8:12	AD	

TAT REQUESTED
 Priority (24 hr)*
 Expedited (48 hr)*
 Standard (10 Business Days)
 *Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS PDF (e-mail address) _____
 HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
 TEMPERATURE 1 °C

CUSTODY RECORD QSD-01 Revision 09/16/2021	Relinquished by Sampler: <i>[Signature]</i>	Date: <u>2/2/22</u> Time: <u>12:02</u>	Received by: <i>[Signature]</i>	Date: <u>2/2/22</u> Time: <u>12:02</u>
	Relinquished by: <i>[Signature]</i>	Date: <u>2/2/22</u> Time: <u>14:00</u>	Received by:	Date: Time:
	Relinquished by:	Date: Time:	Received by Laboratory: <i>[Signature]</i>	Date: <u>2/2/22</u> Time: <u>14:00</u>

HE DJM 2/2/22

Absolute Resource Associates

Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -
 Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No
 Receipt Temp: 1 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No
 PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					*pH ✓ by analyst: VOC, PFAS, TOC, O&G
NH ₄ Ac	125mL(P)	250mL(P)					Residual Cl not present:
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					ABN625 _____ Pest608 _____
MeOH	20mL(G)	40mL(G)					Bacteria ResCl ✓ by analyst
None (solid)	2oz(G)	4oz(G)	37	8oz(G)	Syringe		PC Dry applicable? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
None (water)	40ml(G)	60mL(P)		125mL(P)	250mL(P)	500mL(P)	1L(G) 1L(P)
Mold	Cassette	Bulk		Plate	Tape Lift		
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk		Wipe			

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	✓			
Analyses marked on COC match bottles received?	✓			
VOC & TOC Water-no headspace?			✓	
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			✓	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			✓	Lot ID#: _____
Bacteria bottles provided by ARA?			✓	
Samples within holding time?	✓			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			✓	
Date, time & ID on samples match CoC?	✓			
Rushes communicated to analyst in writing?			✓	
Subcontract note on login board?			✓	
Pesticides EPA 608 pH5-9?			✓	
Compliance samples have no discrepancies/require no flags?			✓	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			✓	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

Inspected and Received By: DSM

Date/Time: 2/2/22 16:10

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HT's communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 60358
Date Received: 3/15/22

Project: C Smith/Meddybemps 0821-391-00

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in cursive script that reads "Alexander Alterisio".

Alex Alterisio
Authorized Signature

Date of Approval: 3/17/2022
Total number of pages: 18

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
V55B	Solid	3/14/2022 10:45	60358-001	PCBs in solids by Soxhlet 8082 Rush TAT Surcharge (75%)
B5B	Solid	3/14/2022 11:00	60358-002	PCBs in solids by Soxhlet 8082
R70B	Solid	3/14/2022 10:35	60358-003	PCBs in solids by Soxhlet 8082
N(5)B	Solid	3/14/2022 13:15	60358-004	PCBs in solids by Soxhlet 8082
L(5)B	Solid	3/14/2022 13:10	60358-005	PCBs in solids by Soxhlet 8082
J(10)B	Solid	3/14/2022 13:00	60358-006	PCBs in solids by Soxhlet 8082
K55B	Solid	3/14/2022 12:00	60358-007	PCBs in solids by Soxhlet 8082
M45B	Solid	3/14/2022 14:07	60358-008	PCBs in solids by Soxhlet 8082
L40B	Solid	3/14/2022 14:12	60358-009	PCBs in solids by Soxhlet 8082
L30B	Solid	3/14/2022 14:22	60358-010	PCBs in solids by Soxhlet 8082
L20B	Solid	3/14/2022 14:30	60358-011	PCBs in solids by Soxhlet 8082
L20B Dup	Solid	3/14/2022 14:30	60358-012	PCBs in solids by Soxhlet 8082
J10B	Solid	3/14/2022 14:20	60358-013	PCBs in solids by Soxhlet 8082
J20B	Solid	3/14/2022 14:15	60358-014	PCBs in solids by Soxhlet 8082
I25B	Solid	3/14/2022 14:18	60358-015	PCBs in solids by Soxhlet 8082
H30B	Solid	3/14/2022 13:30	60358-016	PCBs in solids by Soxhlet 8082
I5A	Solid	3/14/2022 14:25	60358-017	PCBs in solids by Soxhlet 8082

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-001

Sample ID: V55B

Matrix: Solid Percent Dry: 88.2% Results expressed on a dry weight basis.

Sampled: 3/14/22 10:45

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	72	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:02	SW3540C8082A

Sample#: 60358-002

Sample ID: B5B

Matrix: Solid Percent Dry: 86.1% Results expressed on a dry weight basis.

Sampled: 3/14/22 11:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
PCB-1254	1.8	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
PCB-1260	0.46	0.16	ug/g	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	94	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A
decachlorobiphenyl SUR	87	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:14	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-003

Sample ID: R70B

Matrix: Solid Percent Dry: 88.1% Results expressed on a dry weight basis.

Sampled: 3/14/22 10:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	81	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:27	SW3540C8082A

Sample#: 60358-004

Sample ID: N(5)B

Matrix: Solid Percent Dry: 83.8% Results expressed on a dry weight basis.

Sampled: 3/14/22 13:15

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	67	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A
decachlorobiphenyl SUR	78	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:40	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-005

Sample ID: L(5)B

Matrix: Solid Percent Dry: 81.3% Results expressed on a dry weight basis.

Sampled: 3/14/22 13:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
PCB-1260	1.0	0.18	ug/g	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	82	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A
decachlorobiphenyl SUR	84	30-150	%	1	DBV	3/15/22	14806	3/16/22	13:52	SW3540C8082A

Sample#: 60358-006

Sample ID: J(10)B

Matrix: Solid Percent Dry: 78.6% Results expressed on a dry weight basis.

Sampled: 3/14/22 13:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
PCB-1221	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
PCB-1232	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
PCB-1242	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
PCB-1248	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
PCB-1254	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
PCB-1260	< 0.17	0.17	ug/g	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	61	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:05	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-007

Sample ID: K55B

Matrix: Solid Percent Dry: 92.9% Results expressed on a dry weight basis.

Sampled: 3/14/22 12:00

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	65	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A
decachlorobiphenyl SUR	70	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:18	SW3540C8082A

Sample#: 60358-008

Sample ID: M45B

Matrix: Solid Percent Dry: 93.8% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:07

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
PCB-1260	< 0.15	0.15	ug/g	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A
decachlorobiphenyl SUR	74	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:30	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-009

Sample ID: L40B

Matrix: Solid Percent Dry: 90.9% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:12

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.14	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
PCB-1221	< 0.14	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
PCB-1232	< 0.14	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
PCB-1242	< 0.14	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
PCB-1248	< 0.14	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
PCB-1254	0.25	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
PCB-1260	< 0.14	0.14	ug/g	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A
decachlorobiphenyl SUR	82	30-150	%	1	DBV	3/15/22	14806	3/16/22	14:43	SW3540C8082A

Sample#: 60358-010

Sample ID: L30B

Matrix: Solid Percent Dry: 89.4% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:22

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
PCB-1254	0.28	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
PCB-1260	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	75	30-150	%	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A
decachlorobiphenyl SUR	83	30-150	%	1	DBV	3/16/22	14806	3/17/22	9:35	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-011

Sample ID: L20B

Matrix: Solid Percent Dry: 89.5% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.16	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
PCB-1221	< 0.16	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
PCB-1232	< 0.16	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
PCB-1242	< 0.16	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
PCB-1248	< 0.16	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
PCB-1254	< 0.16	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
PCB-1260	0.23	0.16	ug/g	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	61	30-150	%	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A
decachlorobiphenyl SUR	84	30-150	%	1	DBV	3/16/22	14806	3/17/22	9:48	SW3540C8082A

Sample#: 60358-012

Sample ID: L20B Dup

Matrix: Solid Percent Dry: 89.3% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
PCB-1260	0.21	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	66	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:01	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-013

Sample ID: J10B

Matrix: Solid Percent Dry: 91.5% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:20

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
PCB-1260	0.63	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	84	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A
decachlorobiphenyl SUR	92	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:13	SW3540C8082A

Sample#: 60358-014

Sample ID: J20B

Matrix: Solid Percent Dry: 89.7% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:15

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
PCB-1254	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
PCB-1260	0.20	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:26	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-015

Sample ID: I25B

Matrix: Solid Percent Dry: 88.4% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:18

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
PCB-1221	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
PCB-1232	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
PCB-1242	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
PCB-1248	< 0.18	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
PCB-1254	0.22	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
PCB-1260	0.70	0.18	ug/g	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	75	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A
decachlorobiphenyl SUR	90	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:38	SW3540C8082A

Sample#: 60358-016

Sample ID: H30B

Matrix: Solid Percent Dry: 88.6% Results expressed on a dry weight basis.

Sampled: 3/14/22 13:30

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
PCB-1254	0.31	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
PCB-1260	0.68	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	72	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A
decachlorobiphenyl SUR	77	30-150	%	1	DBV	3/16/22	14806	3/17/22	10:51	SW3540C8082A

Project ID: C Smith/Meddybemps 0821-391-00

Job ID: 60358

Sample#: 60358-017

Sample ID: I5A

Matrix: Solid Percent Dry: 90.2% Results expressed on a dry weight basis.

Sampled: 3/14/22 14:25

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
PCB-1221	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
PCB-1232	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
PCB-1242	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
PCB-1248	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
PCB-1254	< 0.15	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
PCB-1260	0.38	0.15	ug/g	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	79	30-150	%	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A
decachlorobiphenyl SUR	88	30-150	%	1	DBV	3/16/22	14806	3/17/22	11:04	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 60358

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit	
SW3540C8082A	BLK14806	PCB-1016		< 0.17	ug/g						
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		< 0.17	ug/g						
		tetrachloro-m-xylene SUR		69	%			30	150		
		decachlorobiphenyl SUR		63	%			30	150		
SW3540C8082A	LCS14806	PCB-1016		2.7	ug/g	3.33	82	40	140		
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.5	ug/g	3.33	76	40	140		
		tetrachloro-m-xylene SUR		75	%			30	150		
		decachlorobiphenyl SUR		76	%			30	150		
SW3540C8082A	LCSD14806	PCB-1016		3.0	ug/g	3.33	90	40	140	9	30
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.8	ug/g	3.33	83	40	140	9	30
		tetrachloro-m-xylene SUR		83	%			30	150		
		decachlorobiphenyl SUR		76	%			30	150		

Absolute Resource
associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

60358

ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd, Falmouth, ME 04105
Report To: Aaron Brignull
Phone #: 207-253-1990
Invoice to: Rich Campbell
Email: RCampbell@cegeenvironmental.com
 Hard Copy Invoice Required PO #

Project Name: C Smith / Maddy bamps
Project #: 0821-391-0015
Project Location: NH MA ME VT
Accreditation Required? N/Y: X
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting Limits: QAPP GW-1 S-1
EPA DW Other
Quote # _____
 NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 624	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625	<input type="checkbox"/> EDB	<input checked="" type="checkbox"/> 6082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608 Pest/PCB	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G SM5520F	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Phenols	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Reactive CN	<input type="checkbox"/> Reactive S-	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	Subcontract: <input type="checkbox"/> Grain Size <input type="checkbox"/> Herbicides <input type="checkbox"/> Formaldehyde <input type="checkbox"/> PFC	Grab (G) or Composite (C)
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Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
60358-12	220 B Dup 1	1		X							3/14	14:30	X
-13	J10B	1		X							3/14	14:20	AB
-14	J20B	1		X							3/14	14:15	AB
-15	I25B	1		X							3/14	14:18	B
-16	H30B	1		X							3/14	13:30	B
-17	I5A	1		X							3/14	14:25	B

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed _____

SPECIAL INSTRUCTIONS
See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.
REPORTING INSTRUCTIONS PDF (e-mail address) A.Brignull@cegeenvironmental.com
 HARD COPY REQUIRED EDD

CUSTODY RECORD
QSD-01 Revision 12/22/16

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>3/15</u>	Time: <u>8:00</u>	Received by: <u>[Signature]</u>	Date: <u>3/15/22</u>	Time: <u>8:00</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by Laboratory: _____	Date: _____	Time: _____

Sample Receipt Condition Report

60358

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: _____ °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓ by analyst PC Dry applicable? Y N 1L(G) _____ 1L(P) _____
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G)	4oz(G)	17	8oz(G)	Syringe		
None (water)	40ml (G)	60mL(P)		125mL(P)	250mL(P)	500mL(P)	
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?			X	
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?	X			notes given to DBU + SCS
Subcontract note on login board?			X	
Pesticides EPA 608 pH5-9?			X	
Compliance samples have no discrepancies/require no flags?			X	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			X	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: Sub

 Date/Time: 3-15-22 8:23

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

<u>Initials</u>	<u>Date</u>	<u>What was sent?</u>
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 60382
Date Received: 3/16/22

Project: C Smith/Meddy

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink that reads "Alexander Alterisio". The signature is written in a cursive, flowing style.

Alex Alterisio
Authorized Signature

Date of Approval: 3/21/2022
Total number of pages: 23

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
BLS-1	Solid	3/16/2022 7:35	60382-001	Rush TAT Surcharge VOCs in solid by 8260
BLS-2	Solid	3/16/2022 8:10	60382-002	VOCs in solid by 8260
Trip Blank	Solid	3/16/2022 0:00	60382-003	Report on Weight As Received basis VOCs in solid by 8260
DECON-BKT	Wipe	3/16/2022 8:57	60382-004	PCBs in wipe by Soxhlet 8082 Report on Weight As Received basis
DECON-TRK	Wipe	3/16/2022 8:55	60382-005	PCBs in wipe by Soxhlet 8082 Report on Weight As Received basis
BLS-2 Dup	Solid	3/16/2022 8:10	60382-006	VOCs in solid by 8260

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-001

Sample ID: BLS-1

Matrix: Solid

Percent Dry: 90.4% Results expressed on a dry weight basis.

Sampled: 3/16/22 7:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
dichlorodifluoromethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
chloromethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
vinyl chloride	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
bromomethane	< 0.18	0.18	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
chloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
trichlorofluoromethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
diethyl ether	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
acetone	< 1.8	1.8	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1-dichloroethene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
methylene chloride	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
carbon disulfide	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
methyl t-butyl ether (MTBE)	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
trans-1,2-dichloroethene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
isopropyl ether (DIPE)	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
ethyl t-butyl ether (ETBE)	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1-dichloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
t-butanol (TBA)	< 1.8	1.8	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
2-butanone (MEK)	< 0.22	0.22	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
2,2-dichloropropane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
cis-1,2-dichloroethene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
chloroform	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
bromochloromethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
tetrahydrofuran (THF)	< 0.37	0.37	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1,1-trichloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1-dichloropropene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
t-amyl-methyl ether (TAME)	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
carbon tetrachloride	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2-dichloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
benzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
trichloroethene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2-dichloropropane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
bromodichloromethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,4-dioxane	< 1.8	1.8	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
dibromomethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
4-methyl-2-pentanone (MIBK)	< 0.33	0.33	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
cis-1,3-dichloropropene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
toluene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
trans-1,3-dichloropropene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
2-hexanone	< 0.37	0.37	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1,2-trichloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,3-dichloropropane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
tetrachloroethene	0.64	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
dibromochloromethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-001

Sample ID: BLS-1

Matrix: Solid

Percent Dry: 90.4% Results expressed on a dry weight basis.

Sampled: 3/16/22 7:35

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
1,2-dibromoethane (EDB)	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
chlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1,1,2-tetrachloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
ethylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
m&p-xylenes	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
o-xylene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
styrene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
bromoform	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
isopropylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,1,2,2-tetrachloroethane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2,3-trichloropropane	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
n-propylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
bromobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,3,5-trimethylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
2-chlorotoluene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
4-chlorotoluene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
tert-butylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2,4-trimethylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
sec-butylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,3-dichlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
4-isopropyltoluene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,4-dichlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2-dichlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
n-butylbenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2-dibromo-3-chloropropane (DBCP)	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2,4-trichlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,3,5-trichlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
hexachlorobutadiene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
naphthalene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
1,2,3-trichlorobenzene	< 0.073	0.073	ug/g	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
Surrogate Recovery		Limits								
dibromofluoromethane SUR	98	78-114	%	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
toluene-D8 SUR	102	88-110	%	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
4-bromofluorobenzene SUR	95	86-115	%	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D
a,a,a-trifluorotoluene SUR	99	70-130	%	1	LMM	3/16/22	14813	3/17/22	13:18	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-002

Sample ID: BLS-2

Matrix: Solid

Percent Dry: 82.6% Results expressed on a dry weight basis.

Sampled: 3/16/22 8:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
dichlorodifluoromethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
chloromethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
vinyl chloride	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
bromomethane	< 0.21	0.21	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
chloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
trichlorofluoromethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
diethyl ether	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
acetone	< 2.1	2.1	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1-dichloroethene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
methylene chloride	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
carbon disulfide	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
methyl t-butyl ether (MTBE)	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
trans-1,2-dichloroethene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
isopropyl ether (DIPE)	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
ethyl t-butyl ether (ETBE)	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1-dichloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
t-butanol (TBA)	< 2.1	2.1	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
2-butanone (MEK)	< 0.26	0.26	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
2,2-dichloropropane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
cis-1,2-dichloroethene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
chloroform	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
bromochloromethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
tetrahydrofuran (THF)	< 0.43	0.43	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1,1-trichloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1-dichloropropene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
t-amyl-methyl ether (TAME)	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
carbon tetrachloride	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2-dichloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
benzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
trichloroethene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2-dichloropropane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
bromodichloromethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,4-dioxane	< 2.1	2.1	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
dibromomethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
4-methyl-2-pentanone (MIBK)	< 0.38	0.38	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
cis-1,3-dichloropropene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
toluene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
trans-1,3-dichloropropene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
2-hexanone	< 0.43	0.43	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1,2-trichloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,3-dichloropropane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
tetrachloroethene	1.3	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
dibromochloromethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-002

Sample ID: BLS-2

Matrix: Solid

Percent Dry: 82.6% Results expressed on a dry weight basis.

Sampled: 3/16/22 8:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
1,2-dibromoethane (EDB)	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
chlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1,1,2-tetrachloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
ethylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
m&p-xylenes	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
o-xylene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
styrene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
bromoform	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
isopropylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,1,2,2-tetrachloroethane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2,3-trichloropropane	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
n-propylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
bromobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,3,5-trimethylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
2-chlorotoluene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
4-chlorotoluene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
tert-butylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2,4-trimethylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
sec-butylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,3-dichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
4-isopropyltoluene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,4-dichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2-dichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
n-butylbenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2-dibromo-3-chloropropane (DBCP)	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2,4-trichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,3,5-trichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
hexachlorobutadiene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
naphthalene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
1,2,3-trichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
Surrogate Recovery		Limits								
dibromofluoromethane SUR	95	78-114	%	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
toluene-D8 SUR	99	88-110	%	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
4-bromofluorobenzene SUR	96	86-115	%	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D
a,a,a-trifluorotoluene SUR	95	70-130	%	1	LMM	3/16/22	14813	3/17/22	13:44	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-003

Sample ID: Trip Blank

Matrix: Solid

Sampled: 3/16/22 0:00

Parameter	Reporting		Units	Instr Dil'n Factor	Prep		Analysis			Reference
	Result	Limit			Analyst	Date	Batch	Date	Time	
dichlorodifluoromethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
chloromethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
vinyl chloride	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
bromomethane	< 0.25	0.25	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
chloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
trichlorofluoromethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
diethyl ether	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
acetone	< 2.5	2.5	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1-dichloroethene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
methylene chloride	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
carbon disulfide	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
methyl t-butyl ether (MTBE)	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
trans-1,2-dichloroethene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
isopropyl ether (DIPE)	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
ethyl t-butyl ether (ETBE)	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1-dichloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
t-butanol (TBA)	< 2.5	2.5	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
2-butanone (MEK)	< 0.30	0.30	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
2,2-dichloropropane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
cis-1,2-dichloroethene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
chloroform	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
bromochloromethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
tetrahydrofuran (THF)	< 0.50	0.50	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1,1-trichloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1-dichloropropene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
t-amyl-methyl ether (TAME)	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
carbon tetrachloride	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2-dichloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
benzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
trichloroethene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2-dichloropropane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
bromodichloromethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,4-dioxane	< 2.5	2.5	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
dibromomethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
4-methyl-2-pentanone (MIBK)	< 0.45	0.45	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
cis-1,3-dichloropropene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
toluene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
trans-1,3-dichloropropene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
2-hexanone	< 0.50	0.50	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1,2-trichloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,3-dichloropropane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
tetrachloroethene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
dibromochloromethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-003

Sample ID: Trip Blank

Matrix: Solid

Sampled: 3/16/22 0:00

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		Reference
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
1,2-dibromoethane (EDB)	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
chlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1,1,2-tetrachloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
ethylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
m&p-xylenes	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
o-xylene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
styrene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
bromoform	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
isopropylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,1,2,2-tetrachloroethane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2,3-trichloropropane	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
n-propylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
bromobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,3,5-trimethylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
2-chlorotoluene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
4-chlorotoluene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
tert-butylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2,4-trimethylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
sec-butylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,3-dichlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
4-isopropyltoluene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,4-dichlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2-dichlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
n-butylbenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2-dibromo-3-chloropropane (DBCP)	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2,4-trichlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,3,5-trichlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
hexachlorobutadiene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
naphthalene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
1,2,3-trichlorobenzene	< 0.10	0.10	ug/g	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
Surrogate Recovery		Limits								
dibromofluoromethane SUR	96	78-114	%	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
toluene-D8 SUR	101	88-110	%	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
4-bromofluorobenzene SUR	97	86-115	%	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D
a,a,a-trifluorotoluene SUR	96	70-130	%	1	LMM	3/16/22	14813	3/17/22	12:51	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-006

Sample ID: BLS-2 Dup

Matrix: Solid

Percent Dry: 82.6% Results expressed on a dry weight basis.

Sampled: 3/16/22 8:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
dichlorodifluoromethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
chloromethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
vinyl chloride	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
bromomethane	< 0.21	0.21	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
chloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
trichlorofluoromethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
diethyl ether	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
acetone	< 2.1	2.1	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1-dichloroethene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
methylene chloride	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
carbon disulfide	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
methyl t-butyl ether (MTBE)	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
trans-1,2-dichloroethene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
isopropyl ether (DIPE)	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
ethyl t-butyl ether (ETBE)	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1-dichloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
t-butanol (TBA)	< 2.1	2.1	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
2-butanone (MEK)	< 0.26	0.26	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
2,2-dichloropropane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
cis-1,2-dichloroethene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
chloroform	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
bromochloromethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
tetrahydrofuran (THF)	< 0.43	0.43	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1,1-trichloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1-dichloropropene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
t-amyl-methyl ether (TAME)	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
carbon tetrachloride	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2-dichloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
benzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
trichloroethene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2-dichloropropane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
bromodichloromethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,4-dioxane	< 2.1	2.1	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
dibromomethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
4-methyl-2-pentanone (MIBK)	< 0.39	0.39	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
cis-1,3-dichloropropene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
toluene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
trans-1,3-dichloropropene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
2-hexanone	< 0.43	0.43	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1,2-trichloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,3-dichloropropane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
tetrachloroethene	0.78	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
dibromochloromethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-006

Sample ID: BLS-2 Dup

Matrix: Solid

Percent Dry: 82.6% Results expressed on a dry weight basis.

Sampled: 3/16/22 8:10

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
1,2-dibromoethane (EDB)	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
chlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1,1,2-tetrachloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
ethylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
m&p-xylenes	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
o-xylene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
styrene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
bromoform	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
isopropylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,1,2,2-tetrachloroethane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2,3-trichloropropane	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
n-propylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
bromobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,3,5-trimethylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
2-chlorotoluene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
4-chlorotoluene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
tert-butylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2,4-trimethylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
sec-butylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,3-dichlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
4-isopropyltoluene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,4-dichlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2-dichlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
n-butylbenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2-dibromo-3-chloropropane (DBCP)	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2,4-trichlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,3,5-trichlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
hexachlorobutadiene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
naphthalene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
1,2,3-trichlorobenzene	< 0.086	0.086	ug/g	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
Surrogate Recovery		Limits								
dibromofluoromethane SUR	96	78-114	%	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
toluene-D8 SUR	102	88-110	%	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
4-bromofluorobenzene SUR	95	86-115	%	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D
a,a,a-trifluorotoluene SUR	81	70-130	%	1	LMM	3/16/22	14813	3/17/22	14:11	SW5035A8260D

Project ID: C Smith/Meddy

Job ID: 60382

Sample#: 60382-004

Sample ID: DECON-BKT

Matrix: Wipe

Sampled: 3/16/22 8:57

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
PCB-1221	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
PCB-1232	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
PCB-1242	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
PCB-1248	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
PCB-1254	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
PCB-1260	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	65	30-150	%	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A
decachlorobiphenyl SUR	80	30-150	%	1	DBV	3/17/22	14811	3/18/22	10:23	SW3540C8082A

Sample#: 60382-005

Sample ID: DECON-TRK

Matrix: Wipe

Sampled: 3/16/22 8:55

Parameter	Result	Reporting		Instr Dil'n		Prep		Analysis		
		Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference
PCB-1016	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
PCB-1221	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
PCB-1232	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
PCB-1242	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
PCB-1248	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
PCB-1254	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
PCB-1260	< 0.5	0.5	ug/wipe	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	59	30-150	%	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A
decachlorobiphenyl SUR	75	30-150	%	1	DBV	3/17/22	14811	3/18/22	10:36	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 60382

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, at 8 degrees C, on ice, on the day of sampling, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

VOC: The MLCS/D14813 did not meet the acceptance criteria for 2-butanone (MEK), tetrahydrofuran (THF), 1,4-dioxane, naphthalene, and 1,2,3-trichlorobenzene. These compounds showed high recovery. There is no impact to the data as these analytes were not detected in the associated samples.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MB14813	dichlorodifluoromethane		<	0.10	ug/g				
		chloromethane		<	0.10	ug/g				
		vinyl chloride		<	0.10	ug/g				
		bromomethane		<	0.25	ug/g				
		chloroethane		<	0.10	ug/g				
		trichlorofluoromethane		<	0.10	ug/g				
		diethyl ether		<	0.50	ug/g				
		acetone		<	2.5	ug/g				
		1,1-dichloroethene		<	0.10	ug/g				
		methylene chloride		<	0.25	ug/g				
		carbon disulfide		<	0.10	ug/g				
		methyl t-butyl ether (MTBE)		<	0.10	ug/g				
		trans-1,2-dichloroethene		<	0.10	ug/g				
		isopropyl ether (DIPE)		<	0.10	ug/g				
		ethyl t-butyl ether (ETBE)		<	0.10	ug/g				
		1,1-dichloroethane		<	0.10	ug/g				
		t-butanol (TBA)		<	2.5	ug/g				
		2-butanone (MEK)		<	0.30	ug/g				
		2,2-dichloropropane		<	0.10	ug/g				
		cis-1,2-dichloroethene		<	0.10	ug/g				
		chloroform		<	0.10	ug/g				
		bromochloromethane		<	0.10	ug/g				
		tetrahydrofuran (THF)		<	0.50	ug/g				
		1,1,1-trichloroethane		<	0.10	ug/g				
		1,1-dichloropropene		<	0.10	ug/g				
		t-amyl-methyl ether (TAME)		<	0.10	ug/g				
		carbon tetrachloride		<	0.10	ug/g				
		1,2-dichloroethane		<	0.10	ug/g				
		benzene		<	0.10	ug/g				
		trichloroethene		<	0.10	ug/g				
		1,2-dichloropropane		<	0.10	ug/g				
		bromodichloromethane		<	0.10	ug/g				
		1,4-dioxane		<	2.5	ug/g				
		dibromomethane		<	0.10	ug/g				
		4-methyl-2-pentanone (MIBK)		<	0.45	ug/g				
		cis-1,3-dichloropropene		<	0.10	ug/g				
		toluene		<	0.10	ug/g				
		trans-1,3-dichloropropene		<	0.10	ug/g				
		2-hexanone		<	0.50	ug/g				
		1,1,2-trichloroethane		<	0.10	ug/g				
		1,3-dichloropropane		<	0.10	ug/g				
		tetrachloroethene		<	0.10	ug/g				
		dibromochloromethane		<	0.10	ug/g				
		1,2-dibromoethane (EDB)		<	0.10	ug/g				
		chlorobenzene		<	0.10	ug/g				
		1,1,1,2-tetrachloroethane		<	0.10	ug/g				
		ethylbenzene		<	0.10	ug/g				

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MB14813	m&p-xylenes		<	0.10	ug/g				
		o-xylene		<	0.10	ug/g				
		styrene		<	0.10	ug/g				
		bromoforn		<	0.10	ug/g				
		isopropylbenzene		<	0.10	ug/g				
		1,1,2,2-tetrachloroethane		<	0.10	ug/g				
		1,2,3-trichloropropane		<	0.10	ug/g				
		n-propylbenzene		<	0.10	ug/g				
		bromobenzene		<	0.10	ug/g				
		1,3,5-trimethylbenzene		<	0.10	ug/g				
		2-chlorotoluene		<	0.10	ug/g				
		4-chlorotoluene		<	0.10	ug/g				
		tert-butylbenzene		<	0.10	ug/g				
		1,2,4-trimethylbenzene		<	0.10	ug/g				
		sec-butylbenzene		<	0.10	ug/g				
		1,3-dichlorobenzene		<	0.10	ug/g				
		4-isopropyltoluene		<	0.10	ug/g				
		1,4-dichlorobenzene		<	0.10	ug/g				
		1,2-dichlorobenzene		<	0.10	ug/g				
		n-butylbenzene		<	0.10	ug/g				
		1,2-dibromo-3-chloropropane (DBCP)		<	0.10	ug/g				
		1,2,4-trichlorobenzene		<	0.10	ug/g				
		1,3,5-trichlorobenzene		<	0.10	ug/g				
		hexachlorobutadiene		<	0.10	ug/g				
		naphthalene		<	0.25	ug/g				
		1,2,3-trichlorobenzene		<	0.10	ug/g				
		dibromofluoromethane SUR			98	%		78	114	
		toluene-D8 SUR			103	%		88	110	
		4-bromofluorobenzene SUR			91	%		86	115	
		a,a,a-trifluorotoluene SUR			93	%		70	130	

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCS14813	dichlorodifluoromethane		0.95	ug/g	1	95	70	130	
		chloromethane		1.2	ug/g	1	121	70	130	
		vinyl chloride		0.78	ug/g	1	78	70	130	
		bromomethane		0.98	ug/g	1	98	70	130	
		chloroethane		1.2	ug/g	1	118	70	130	
		trichlorofluoromethane		1.2	ug/g	1	118	70	130	
		diethyl ether		0.98	ug/g	1	98	70	130	
		acetone	<	2.5	ug/g	1	137			
		1,1-dichloroethene		1.1	ug/g	1	115	70	130	
		methylene chloride		1.1	ug/g	1	112	70	130	
		carbon disulfide		1.2	ug/g	1	116	70	130	
		methyl t-butyl ether (MTBE)		1.2	ug/g	1	115	70	130	
		trans-1,2-dichloroethene		1.0	ug/g	1	104	70	130	
		isopropyl ether (DIPE)		1.2	ug/g	1	118	70	130	
		ethyl t-butyl ether (ETBE)		1.1	ug/g	1	113	70	130	
		1,1-dichloroethane		1.1	ug/g	1	111	70	130	
		t-butanol (TBA)		5.4	ug/g	5	108	70	130	
		2-butanone (MEK)		1.3	ug/g	1	133 *	70	130	
		2,2-dichloropropane		0.97	ug/g	1	97	70	130	
		cis-1,2-dichloroethene		1.0	ug/g	1	103	70	130	
		chloroform		1.1	ug/g	1	106	70	130	
		bromochloromethane		0.97	ug/g	1	97	70	130	
		tetrahydrofuran (THF)		1.3	ug/g	1	133 *	70	130	
		1,1,1-trichloroethane		0.98	ug/g	1	98	70	130	
		1,1-dichloropropene		1.1	ug/g	1	114	70	130	
		t-amyl-methyl ether (TAME)		1.0	ug/g	1	104	70	130	
		carbon tetrachloride		0.92	ug/g	1	92	70	130	
		1,2-dichloroethane		1.1	ug/g	1	105	70	130	
		benzene		0.93	ug/g	1	93	70	130	
		trichloroethene		1.0	ug/g	1	101	70	130	
		1,2-dichloropropane		1.1	ug/g	1	112	70	130	
		bromodichloromethane		1.1	ug/g	1	107	70	130	
		1,4-dioxane		2.8	ug/g	2	141 *	70	130	
		dibromomethane		1.1	ug/g	1	111	70	130	
		4-methyl-2-pentanone (MIBK)		1.1	ug/g	1	110	70	130	
		cis-1,3-dichloropropene		0.96	ug/g	1	96	70	130	
		toluene		1.1	ug/g	1	109	70	130	
		trans-1,3-dichloropropene		0.98	ug/g	1	98	70	130	
		2-hexanone		1.1	ug/g	1	110	70	130	
		1,1,2-trichloroethane		1.0	ug/g	1	102	70	130	
		1,3-dichloropropane		1.2	ug/g	1	118	70	130	
		tetrachloroethene		1.1	ug/g	1	109	70	130	
		dibromochloromethane		1.1	ug/g	1	109	70	130	
		1,2-dibromoethane (EDB)		1.1	ug/g	1	109	70	130	
		chlorobenzene		1.1	ug/g	1	107	70	130	
		1,1,1,2-tetrachloroethane		1.1	ug/g	1	105	70	130	
		ethylbenzene		1.1	ug/g	1	114	70	130	
		m&p-xylenes		2.2	ug/g	2	108	70	130	
		o-xylene		1.00	ug/g	1	100	70	130	

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCS14813	styrene		1.2	ug/g	1	119	70	130	
		bromoform		1.1	ug/g	1	107	70	130	
		isopropylbenzene		1.2	ug/g	1	122	70	130	
		1,1,2,2-tetrachloroethane		1.2	ug/g	1	125	70	130	
		1,2,3-trichloropropane		1.2	ug/g	1	121	70	130	
		n-propylbenzene		1.2	ug/g	1	122	70	130	
		bromobenzene		1.1	ug/g	1	114	70	130	
		1,3,5-trimethylbenzene		1.1	ug/g	1	108	70	130	
		2-chlorotoluene		1.1	ug/g	1	115	70	130	
		4-chlorotoluene		1.2	ug/g	1	123	70	130	
		tert-butylbenzene		1.1	ug/g	1	109	70	130	
		1,2,4-trimethylbenzene		0.98	ug/g	1	98	70	130	
		sec-butylbenzene		0.96	ug/g	1	96	70	130	
		1,3-dichlorobenzene		1.1	ug/g	1	109	70	130	
		4-isopropyltoluene		1.1	ug/g	1	108	70	130	
		1,4-dichlorobenzene		1.2	ug/g	1	118	70	130	
		1,2-dichlorobenzene		1.2	ug/g	1	116	70	130	
		n-butylbenzene		1.1	ug/g	1	113	70	130	
		1,2-dibromo-3-chloropropane (DBCP)		1.2	ug/g	1	124	70	130	
		1,2,4-trichlorobenzene		1.2	ug/g	1	119	70	130	
		1,3,5-trichlorobenzene		1.1	ug/g	1	113	70	130	
		hexachlorobutadiene		1.2	ug/g	1	116	70	130	
		naphthalene		1.5	ug/g	1	145 *	70	130	
		1,2,3-trichlorobenzene		1.4	ug/g	1	139 *	70	130	
		dibromofluoromethane SUR		98	%			78	114	
		toluene-D8 SUR		100	%			88	110	
		4-bromofluorobenzene SUR		99	%			86	115	
		a,a,a-trifluorotoluene SUR		97	%			70	130	

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCSD14813	dichlorodifluoromethane		0.94	ug/g	1	94	70 130	1	30
		chloromethane		1.2	ug/g	1	121	70 130	0	30
		vinyl chloride		0.73	ug/g	1	73	70 130	6	30
		bromomethane		1.0	ug/g	1	100	70 130	2	30
		chloroethane		1.2	ug/g	1	116	70 130	2	30
		trichlorofluoromethane		1.2	ug/g	1	116	70 130	2	30
		diethyl ether		0.95	ug/g	1	95	70 130	3	30
		acetone	<	2.5	ug/g	1	129		6	30
		1,1-dichloroethene		1.1	ug/g	1	114	70 130	1	30
		methylene chloride		1.1	ug/g	1	109	70 130	2	30
		carbon disulfide		1.1	ug/g	1	113	70 130	2	30
		methyl t-butyl ether (MTBE)		1.1	ug/g	1	115	70 130	1	30
		trans-1,2-dichloroethene		1.0	ug/g	1	103	70 130	1	30
		isopropyl ether (DIPE)		1.2	ug/g	1	117	70 130	1	30
		ethyl t-butyl ether (ETBE)		1.1	ug/g	1	113	70 130	0	30
		1,1-dichloroethane		1.1	ug/g	1	111	70 130	1	30
		t-butanol (TBA)		4.9	ug/g	5	98	70 130	10	30
		2-butanone (MEK)		1.3	ug/g	1	130	70 130	2	30
		2,2-dichloropropane		0.96	ug/g	1	96	70 130	2	30
		cis-1,2-dichloroethene		1.0	ug/g	1	101	70 130	2	30
		chloroform		1.1	ug/g	1	106	70 130	0	30
		bromochloromethane		0.99	ug/g	1	99	70 130	2	30
		tetrahydrofuran (THF)		1.3	ug/g	1	128	70 130	4	30
		1,1,1-trichloroethane		0.97	ug/g	1	97	70 130	2	30
		1,1-dichloropropene		1.1	ug/g	1	112	70 130	1	30
		t-amyl-methyl ether (TAME)		1.0	ug/g	1	102	70 130	2	30
		carbon tetrachloride		0.92	ug/g	1	92	70 130	0	30
		1,2-dichloroethane		1.0	ug/g	1	104	70 130	1	30
		benzene		0.93	ug/g	1	93	70 130	0	30
		trichloroethene		0.99	ug/g	1	99	70 130	2	30
		1,2-dichloropropane		1.1	ug/g	1	113	70 130	1	30
		bromodichloromethane		1.0	ug/g	1	105	70 130	2	30
		1,4-dioxane		2.9	ug/g	2	144 *	70 130	2	30
		dibromomethane		1.1	ug/g	1	110	70 130	2	30
		4-methyl-2-pentanone (MIBK)		1.1	ug/g	1	109	70 130	1	30
		cis-1,3-dichloropropene		0.92	ug/g	1	92	70 130	4	30
		toluene		1.1	ug/g	1	108	70 130	1	30
		trans-1,3-dichloropropene		0.94	ug/g	1	94	70 130	4	30
		2-hexanone		1.0	ug/g	1	103	70 130	7	30
		1,1,2-trichloroethane		1.0	ug/g	1	104	70 130	2	30
		1,3-dichloropropane		1.1	ug/g	1	109	70 130	7	30
		tetrachloroethene		1.1	ug/g	1	108	70 130	1	30
		dibromochloromethane		1.0	ug/g	1	103	70 130	6	30
		1,2-dibromoethane (EDB)		1.0	ug/g	1	103	70 130	6	30
		chlorobenzene		1.0	ug/g	1	103	70 130	4	30
		1,1,1,2-tetrachloroethane		0.98	ug/g	1	98	70 130	7	30
		ethylbenzene		1.1	ug/g	1	111	70 130	3	30
		m&p-xylenes		2.0	ug/g	2	102	70 130	5	30
		o-xylene		0.96	ug/g	1	96	70 130	5	30

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCSD14813	styrene		1.1	ug/g	1	114	70 130	4	30
		bromoform		0.99	ug/g	1	99	70 130	7	30
		isopropylbenzene		1.2	ug/g	1	117	70 130	3	30
		1,1,2,2-tetrachloroethane		1.2	ug/g	1	119	70 130	5	30
		1,2,3-trichloropropane		1.1	ug/g	1	112	70 130	7	30
		n-propylbenzene		1.2	ug/g	1	122	70 130	0	30
		bromobenzene		1.1	ug/g	1	114	70 130	0	30
		1,3,5-trimethylbenzene		1.1	ug/g	1	107	70 130	1	30
		2-chlorotoluene		1.1	ug/g	1	112	70 130	2	30
		4-chlorotoluene		1.2	ug/g	1	119	70 130	3	30
		tert-butylbenzene		1.1	ug/g	1	107	70 130	2	30
		1,2,4-trimethylbenzene		0.94	ug/g	1	94	70 130	3	30
		sec-butylbenzene		0.93	ug/g	1	93	70 130	3	30
		1,3-dichlorobenzene		1.1	ug/g	1	107	70 130	2	30
		4-isopropyltoluene		1.0	ug/g	1	104	70 130	4	30
		1,4-dichlorobenzene		1.2	ug/g	1	116	70 130	2	30
		1,2-dichlorobenzene		1.1	ug/g	1	111	70 130	4	30
		n-butylbenzene		1.1	ug/g	1	109	70 130	3	30
		1,2-dibromo-3-chloropropane (DBCP)		1.1	ug/g	1	112	70 130	10	30
		1,2,4-trichlorobenzene		1.1	ug/g	1	114	70 130	4	30
		1,3,5-trichlorobenzene		1.1	ug/g	1	109	70 130	4	30
		hexachlorobutadiene		1.1	ug/g	1	110	70 130	5	30
		naphthalene		1.4	ug/g	1	136 *	70 130	7	30
		1,2,3-trichlorobenzene		1.4	ug/g	1	137 *	70 130	2	30
		dibromofluoromethane SUR		99	%			78 114		
		toluene-D8 SUR		99	%			88 110		
		4-bromofluorobenzene SUR		96	%			86 115		
		a,a,a-trifluorotoluene SUR		95	%			70 130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14811	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			65	%			30	150		
		decachlorobiphenyl SUR			70	%			30	150		
SW3540C8082A	LCS14811	PCB-1016			2.6	ug/g	3.33	77	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.4	ug/g	3.33	73	40	140		
		tetrachloro-m-xylene SUR			63	%			30	150		
		decachlorobiphenyl SUR			74	%			30	150		
SW3540C8082A	LCSD14811	PCB-1016			2.5	ug/g	3.33	76	40	140	2	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	79	40	140	7	30
		tetrachloro-m-xylene SUR			61	%			30	150		
		decachlorobiphenyl SUR			80	%			30	150		

Absolute Resource associates



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

60382

ANALYSIS REQUEST

Company Name: Campbell Environmental Group

Company Address: 173 Gray Rd Portsmouth NH

Report To: AARON BRIGNOLL

Phone #: 207-253-1990

Invoice to: ✓

Email: ABRIGNOLL@CEG ENVIRONMENTAL

PO #: 1002

Project Name: C Smith / M6008

Project #:

Project Location: NH MA ME VT

Accreditation Required? N/Y

Protocol: RCRA SDWA NPDES
MCP NHDES DOD

Reporting QAPP GW-1 S-1

Limits: EPA DW Other

Quote #

NH Reimbursement Pricing

<input type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP	<input type="checkbox"/> VOC 8264.1	<input type="checkbox"/> VOC BTEX MBE, only	<input type="checkbox"/> VOC 8021VT	<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> GRO 8015	<input type="checkbox"/> 1,4-Dioxane	<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	<input type="checkbox"/> Gases-List:	<input type="checkbox"/> TPH 8100	<input type="checkbox"/> DR0 8015	<input type="checkbox"/> EPH MADEP	<input type="checkbox"/> TPH Fingerprint	<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625.1	<input type="checkbox"/> EDB	<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 608.3 Pest/PCB	<input type="checkbox"/> PFAS 537.1	<input type="checkbox"/> PFAS 533	<input type="checkbox"/> PFAS isotope dilution	<input type="checkbox"/> O&G 1664	<input type="checkbox"/> Mineral O&G 1664	<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity	<input type="checkbox"/> Turbidity	<input type="checkbox"/> Apparent Color	<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS	<input type="checkbox"/> TVS	<input type="checkbox"/> Alkalinity	<input type="checkbox"/> Acidity	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals	<input type="checkbox"/> Hardness	<input type="checkbox"/> Total Metals-list:	<input type="checkbox"/> Dissolved Metals-list:	<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN	<input type="checkbox"/> TN	<input type="checkbox"/> TON	<input type="checkbox"/> TOC	<input type="checkbox"/> Ferrous Iron	<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Bacteria P/A	<input type="checkbox"/> Bacteria MPN	<input type="checkbox"/> Enterococci	<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Nitrate + Nitrite	<input type="checkbox"/> Ortho P	<input type="checkbox"/> Phenols	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Chloride	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Bromide	<input type="checkbox"/> Fluoride	<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Ignitibility/FP	<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC	<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> Subcontract	<input type="checkbox"/> Grain Size	<input type="checkbox"/> Herbicides	<input type="checkbox"/> Asbestos	<input type="checkbox"/> Grab (G) or Composite (C)
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Lab Sample ID <small>(Lab Use Only)</small>	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
60382-01	BLS-1								X	3-16-22	0735	X	
60382-02	BLS-2	1		X					X	3-16-22	0800	X	
60382-03	BLS-2 DUP	1		X					X	3-16-22	0810	X	
60382-03	trip BLK	1	X	X					X	9-22-22		X	
60382-04	DECON-BKT	1								3-16-22	0852	X	
60382-05	DECON-TRK	1								3-16-22	0855	X	

TAT REQUESTED

Priority (24 hr)*

Expedited (48 hr)*

Standard (10 Business Days)

*Date Needed

SPECIAL INSTRUCTIONS

RUSH please / PCB extraction by Sox

REPORTING INSTRUCTIONS PDF (e-mail address)

HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO

TEMPERATURE 8 °C

CUSTODY RECORD

Relinquished by Sampler: [Signature] Date 3-16-22 Time 1407

Relinquished by: _____ Date _____ Time _____

Relinquished by: _____ Date _____ Time _____

QSD-01 Revision 09/16/2021

Received by: [Signature] Date 3/16/22 Time 14:07

Received by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Sample Receipt Condition Report

60382

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 8 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓by analyst PC Dry applicable? Y N 1L(G) 1L(P)
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)	4				
None (solid)	2oz(G)	4oz(G)	2	8oz(G)	Syringe	2	
None (water)	40ml (G)	60mL(P)		125mL(P)	250mL(P)	500mL(P)	
Mold	Cassette	Bulk		Plate	Tape Lift		
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk		Wipe			

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	<input checked="" type="checkbox"/>			
Analyses marked on COC match bottles received?		<input checked="" type="checkbox"/>		VOC not noted on COC
VOC & TOC Water-no headspace?	<input checked="" type="checkbox"/>			
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?	<input checked="" type="checkbox"/>			
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			<input checked="" type="checkbox"/>	Lot ID#: _____
Bacteria bottles provided by ARA?			<input checked="" type="checkbox"/>	
Samples within holding time?	<input checked="" type="checkbox"/>			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			<input checked="" type="checkbox"/>	
Date, time & ID on samples match CoC?	<input checked="" type="checkbox"/>			
Rushes communicated to analyst in writing?	<input checked="" type="checkbox"/>			Lamy, Sarah
Subcontract note on login board?			<input checked="" type="checkbox"/>	
Pesticides EPA 608 pH5-9?			<input checked="" type="checkbox"/>	sd spoke to Aaron B. VOC needed - see COC
Compliance samples have no discrepancies/require no flags?			<input checked="" type="checkbox"/>	(Or must be rejected)
Log-in Supervisor notified immediately of following items:				Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: OL

Date/Time: _____

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

24M. on VOC } per Aaron B.
 3 days on PCB } sd 3/16/22

Initials	Date	What was sent?
_____	_____	Report / Data / EDD / Invoice
_____	_____	Report / Data / EDD / Invoice
_____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 60423
Date Received: 3/21/22

Project: C. Smith MEDDY

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink that reads "Alexander Alterisio". The signature is written in a cursive, flowing style.

Alex Alterisio
Authorized Signature

Date of Approval: 3/23/2022
Total number of pages: 19

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
B-5C	Solid	3/18/2022 9:02	60423-001	PCBs in solids by Soxhlet 8082 Rush TAT Surcharge
BLS-1A	Solid	3/18/2022 8:43	60423-002	VOCs in solid by 8260
BLS-2A	Solid	3/18/2022 8:46	60423-003	VOCs in solid by 8260

Project ID: C. Smith MEDDY

Job ID: 60423

Sample#: 60423-002

Sample ID: BLS-1A

Matrix: Solid

Percent Dry: 86.3% Results expressed on a dry weight basis.

Sampled: 3/18/22 8:43

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
dichlorodifluoromethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
chloromethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
vinyl chloride	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
bromomethane	< 0.21	0.21	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
chloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
trichlorofluoromethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
diethyl ether	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
acetone	< 2.1	2.1	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1-dichloroethene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
methylene chloride	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
carbon disulfide	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
methyl t-butyl ether (MTBE)	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
trans-1,2-dichloroethene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
isopropyl ether (DIPE)	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
ethyl t-butyl ether (ETBE)	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1-dichloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
t-butanol (TBA)	< 2.1	2.1	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
2-butanone (MEK)	< 0.25	0.25	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
2,2-dichloropropane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
cis-1,2-dichloroethene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
chloroform	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
bromochloromethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
tetrahydrofuran (THF)	< 0.42	0.42	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1,1-trichloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1-dichloropropene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
t-amyl-methyl ether (TAME)	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
carbon tetrachloride	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2-dichloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
benzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
trichloroethene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2-dichloropropane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
bromodichloromethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,4-dioxane	< 2.1	2.1	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
dibromomethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
4-methyl-2-pentanone (MIBK)	< 0.38	0.38	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
cis-1,3-dichloropropene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
toluene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
trans-1,3-dichloropropene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
2-hexanone	< 0.42	0.42	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1,2-trichloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,3-dichloropropane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
tetrachloroethene	0.27	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
dibromochloromethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D

Project ID: C. Smith MEDDY

Job ID: 60423

Sample#: 60423-002

Sample ID: BLS-1A

Matrix: Solid

Percent Dry: 86.3% Results expressed on a dry weight basis.

Sampled: 3/18/22 8:43

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
1,2-dibromoethane (EDB)	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
chlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1,1,2-tetrachloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
ethylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
m&p-xylenes	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
o-xylene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
styrene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
bromoform	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
isopropylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,1,2,2-tetrachloroethane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2,3-trichloropropane	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
n-propylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
bromobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,3,5-trimethylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
2-chlorotoluene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
4-chlorotoluene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
tert-butylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2,4-trimethylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
sec-butylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,3-dichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
4-isopropyltoluene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,4-dichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2-dichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
n-butylbenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2-dibromo-3-chloropropane (DBCP)	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2,4-trichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,3,5-trichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
hexachlorobutadiene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
naphthalene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
1,2,3-trichlorobenzene	< 0.085	0.085	ug/g	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
Surrogate Recovery		Limits								
dibromofluoromethane SUR	97	78-114	%	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
toluene-D8 SUR	100	88-110	%	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
4-bromofluorobenzene SUR	92	86-115	%	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D
a,a,a-trifluorotoluene SUR	112	70-130	%	1	LMM	3/21/22	14823	3/21/22	23:18	SW5035A8260D

Project ID: C. Smith MEDDY

Job ID: 60423

Sample#: 60423-003

Sample ID: BLS-2A

Matrix: Solid

Percent Dry: 92.6% Results expressed on a dry weight basis.

Sampled: 3/18/22 8:46

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
dichlorodifluoromethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
chloromethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
vinyl chloride	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
bromomethane	< 0.18	0.18	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
chloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
trichlorofluoromethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
diethyl ether	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
acetone	< 1.8	1.8	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1-dichloroethene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
methylene chloride	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
carbon disulfide	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
methyl t-butyl ether (MTBE)	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
trans-1,2-dichloroethene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
isopropyl ether (DIPE)	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
ethyl t-butyl ether (ETBE)	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1-dichloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
t-butanol (TBA)	< 1.8	1.8	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
2-butanone (MEK)	< 0.21	0.21	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
2,2-dichloropropane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
cis-1,2-dichloroethene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
chloroform	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
bromochloromethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
tetrahydrofuran (THF)	< 0.36	0.36	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1,1-trichloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1-dichloropropene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
t-amyl-methyl ether (TAME)	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
carbon tetrachloride	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2-dichloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
benzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
trichloroethene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2-dichloropropane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
bromodichloromethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,4-dioxane	< 1.8	1.8	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
dibromomethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
4-methyl-2-pentanone (MIBK)	< 0.32	0.32	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
cis-1,3-dichloropropene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
toluene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
trans-1,3-dichloropropene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
2-hexanone	< 0.36	0.36	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1,2-trichloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,3-dichloropropane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
tetrachloroethene	0.56	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
dibromochloromethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D

Project ID: C. Smith MEDDY

Job ID: 60423

Sample#: 60423-003

Sample ID: BLS-2A

Matrix: Solid

Percent Dry: 92.6% Results expressed on a dry weight basis.

Sampled: 3/18/22 8:46

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
1,2-dibromoethane (EDB)	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
chlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1,1,2-tetrachloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
ethylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
m&p-xylenes	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
o-xylene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
styrene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
bromoform	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
isopropylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,1,2,2-tetrachloroethane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2,3-trichloropropane	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
n-propylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
bromobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,3,5-trimethylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
2-chlorotoluene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
4-chlorotoluene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
tert-butylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2,4-trimethylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
sec-butylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,3-dichlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
4-isopropyltoluene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,4-dichlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2-dichlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
n-butylbenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2-dibromo-3-chloropropane (DBCP)	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2,4-trichlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,3,5-trichlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
hexachlorobutadiene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
naphthalene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
1,2,3-trichlorobenzene	< 0.072	0.072	ug/g	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
Surrogate Recovery		Limits								
dibromofluoromethane SUR	95	78-114	%	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
toluene-D8 SUR	97	88-110	%	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
4-bromofluorobenzene SUR	89	86-115	%	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D
a,a,a-trifluorotoluene SUR	95	70-130	%	1	LMM	3/21/22	14823	3/21/22	23:44	SW5035A8260D

Project ID: C. Smith MEDDY

Job ID: 60423

Sample#: 60423-001

Sample ID: B-5C

Matrix: Solid

Percent Dry: 74.6% Results expressed on a dry weight basis.

Sampled: 3/18/22 9:02

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
PCB-1221	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
PCB-1232	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
PCB-1242	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
PCB-1248	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
PCB-1254	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
PCB-1260	< 0.19	0.19	ug/g	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	71	30-150	%	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A
decachlorobiphenyl SUR	71	30-150	%	1	DBV	3/21/22	14827	3/22/22	16:32	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 60423

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, between 0 and 6 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

VOC: The MLCS14823 showed low recovery for bromomethane. This compound is known to be problematic in the method. The MLCS/D14823 also did not meet the acceptance criteria for n-propylbenzene, 4-chlorotoluene, naphthalene, and 1,2,3-trichlorobenzene. These compounds showed high recovery. There is no impact to the data as these analytes were not detected in the associated samples.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

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- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MB14823	dichlorodifluoromethane		<	0.10	ug/g				
		chloromethane		<	0.10	ug/g				
		vinyl chloride		<	0.10	ug/g				
		bromomethane		<	0.25	ug/g				
		chloroethane		<	0.10	ug/g				
		trichlorofluoromethane		<	0.10	ug/g				
		diethyl ether		<	0.50	ug/g				
		acetone		<	2.5	ug/g				
		1,1-dichloroethene		<	0.10	ug/g				
		methylene chloride		<	0.25	ug/g				
		carbon disulfide		<	0.10	ug/g				
		methyl t-butyl ether (MTBE)		<	0.10	ug/g				
		trans-1,2-dichloroethene		<	0.10	ug/g				
		isopropyl ether (DIPE)		<	0.10	ug/g				
		ethyl t-butyl ether (ETBE)		<	0.10	ug/g				
		1,1-dichloroethane		<	0.10	ug/g				
		t-butanol (TBA)		<	2.5	ug/g				
		2-butanone (MEK)		<	0.30	ug/g				
		2,2-dichloropropane		<	0.10	ug/g				
		cis-1,2-dichloroethene		<	0.10	ug/g				
		chloroform		<	0.10	ug/g				
		bromochloromethane		<	0.10	ug/g				
		tetrahydrofuran (THF)		<	0.50	ug/g				
		1,1,1-trichloroethane		<	0.10	ug/g				
		1,1-dichloropropene		<	0.10	ug/g				
		t-amyl-methyl ether (TAME)		<	0.10	ug/g				
		carbon tetrachloride		<	0.10	ug/g				
		1,2-dichloroethane		<	0.10	ug/g				
		benzene		<	0.10	ug/g				
		trichloroethene		<	0.10	ug/g				
		1,2-dichloropropane		<	0.10	ug/g				
		bromodichloromethane		<	0.10	ug/g				
		1,4-dioxane		<	2.5	ug/g				
		dibromomethane		<	0.10	ug/g				
		4-methyl-2-pentanone (MIBK)		<	0.45	ug/g				
		cis-1,3-dichloropropene		<	0.10	ug/g				
		toluene		<	0.10	ug/g				
		trans-1,3-dichloropropene		<	0.10	ug/g				
		2-hexanone		<	0.50	ug/g				
		1,1,2-trichloroethane		<	0.10	ug/g				
		1,3-dichloropropane		<	0.10	ug/g				
		tetrachloroethene		<	0.10	ug/g				
		dibromochloromethane		<	0.10	ug/g				
		1,2-dibromoethane (EDB)		<	0.10	ug/g				
		chlorobenzene		<	0.10	ug/g				
		1,1,1,2-tetrachloroethane		<	0.10	ug/g				
		ethylbenzene		<	0.10	ug/g				

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MB14823	m&p-xylenes		<	0.10	ug/g				
		o-xylene		<	0.10	ug/g				
		styrene		<	0.10	ug/g				
		bromoforn		<	0.10	ug/g				
		isopropylbenzene		<	0.10	ug/g				
		1,1,2,2-tetrachloroethane		<	0.10	ug/g				
		1,2,3-trichloropropane		<	0.10	ug/g				
		n-propylbenzene		<	0.10	ug/g				
		bromobenzene		<	0.10	ug/g				
		1,3,5-trimethylbenzene		<	0.10	ug/g				
		2-chlorotoluene		<	0.10	ug/g				
		4-chlorotoluene		<	0.10	ug/g				
		tert-butylbenzene		<	0.10	ug/g				
		1,2,4-trimethylbenzene		<	0.10	ug/g				
		sec-butylbenzene		<	0.10	ug/g				
		1,3-dichlorobenzene		<	0.10	ug/g				
		4-isopropyltoluene		<	0.10	ug/g				
		1,4-dichlorobenzene		<	0.10	ug/g				
		1,2-dichlorobenzene		<	0.10	ug/g				
		n-butylbenzene		<	0.10	ug/g				
		1,2-dibromo-3-chloropropane (DBCP)		<	0.10	ug/g				
		1,2,4-trichlorobenzene		<	0.10	ug/g				
		1,3,5-trichlorobenzene		<	0.10	ug/g				
		hexachlorobutadiene		<	0.10	ug/g				
		naphthalene		<	0.25	ug/g				
		1,2,3-trichlorobenzene		<	0.10	ug/g				
		dibromofluoromethane SUR			98	%		78	114	
		toluene-D8 SUR			98	%		88	110	
		4-bromofluorobenzene SUR			92	%		86	115	
		a,a,a-trifluorotoluene SUR			93	%		70	130	

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCS14823	dichlorodifluoromethane		0.87	ug/g	1	87	70	130	
		chloromethane		1.00	ug/g	1	100	70	130	
		vinyl chloride		0.82	ug/g	1	82	70	130	
		bromomethane		0.68	ug/g	1	68 *	70	130	
		chloroethane		1.1	ug/g	1	114	70	130	
		trichlorofluoromethane		1.1	ug/g	1	114	70	130	
		diethyl ether		0.89	ug/g	1	89	70	130	
		acetone	<	2.5	ug/g	1	119			
		1,1-dichloroethene		1.1	ug/g	1	114	70	130	
		methylene chloride		1.1	ug/g	1	105	70	130	
		carbon disulfide		1.2	ug/g	1	120	70	130	
		methyl t-butyl ether (MTBE)		1.2	ug/g	1	118	70	130	
		trans-1,2-dichloroethene		1.0	ug/g	1	102	70	130	
		isopropyl ether (DIPE)		1.3	ug/g	1	125	70	130	
		ethyl t-butyl ether (ETBE)		1.2	ug/g	1	119	70	130	
		1,1-dichloroethane		1.1	ug/g	1	112	70	130	
		t-butanol (TBA)		4.7	ug/g	5	95	70	130	
		2-butanone (MEK)		1.2	ug/g	1	124	70	130	
		2,2-dichloropropane		0.96	ug/g	1	96	70	130	
		cis-1,2-dichloroethene		1.0	ug/g	1	102	70	130	
		chloroform		1.1	ug/g	1	106	70	130	
		bromochloromethane		0.99	ug/g	1	99	70	130	
		tetrahydrofuran (THF)		1.1	ug/g	1	114	70	130	
		1,1,1-trichloroethane		0.96	ug/g	1	96	70	130	
		1,1-dichloropropene		1.1	ug/g	1	112	70	130	
		t-amyl-methyl ether (TAME)		1.1	ug/g	1	108	70	130	
		carbon tetrachloride		0.94	ug/g	1	94	70	130	
		1,2-dichloroethane		1.0	ug/g	1	104	70	130	
		benzene		0.94	ug/g	1	94	70	130	
		trichloroethene		0.99	ug/g	1	99	70	130	
		1,2-dichloropropane		1.1	ug/g	1	114	70	130	
		bromodichloromethane		1.1	ug/g	1	109	70	130	
		1,4-dioxane	<	2.5	ug/g	2	112	70	130	
		dibromomethane		1.1	ug/g	1	109	70	130	
		4-methyl-2-pentanone (MIBK)		1.0	ug/g	1	101	70	130	
		cis-1,3-dichloropropene		0.95	ug/g	1	95	70	130	
		toluene		1.1	ug/g	1	108	70	130	
		trans-1,3-dichloropropene		0.97	ug/g	1	97	70	130	
		2-hexanone		0.97	ug/g	1	97	70	130	
		1,1,2-trichloroethane		0.99	ug/g	1	99	70	130	
		1,3-dichloropropane		1.2	ug/g	1	122	70	130	
		tetrachloroethene		1.1	ug/g	1	114	70	130	
		dibromochloromethane		1.1	ug/g	1	115	70	130	
		1,2-dibromoethane (EDB)		1.1	ug/g	1	111	70	130	
		chlorobenzene		1.1	ug/g	1	113	70	130	
		1,1,1,2-tetrachloroethane		1.1	ug/g	1	111	70	130	
		ethylbenzene		1.2	ug/g	1	121	70	130	
		m&p-xylenes		2.2	ug/g	2	112	70	130	
		o-xylene		1.0	ug/g	1	102	70	130	

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCS14823	styrene		1.2	ug/g	1	122	70	130	
		bromoform		1.1	ug/g	1	108	70	130	
		isopropylbenzene		1.2	ug/g	1	123	70	130	
		1,1,2,2-tetrachloroethane		1.3	ug/g	1	129	70	130	
		1,2,3-trichloropropane		1.2	ug/g	1	122	70	130	
		n-propylbenzene		1.3	ug/g	1	135 *	70	130	
		bromobenzene		1.2	ug/g	1	124	70	130	
		1,3,5-trimethylbenzene		1.2	ug/g	1	116	70	130	
		2-chlorotoluene		1.3	ug/g	1	125	70	130	
		4-chlorotoluene		1.3	ug/g	1	132 *	70	130	
		tert-butylbenzene		1.2	ug/g	1	121	70	130	
		1,2,4-trimethylbenzene		1.0	ug/g	1	102	70	130	
		sec-butylbenzene		1.0	ug/g	1	101	70	130	
		1,3-dichlorobenzene		1.1	ug/g	1	114	70	130	
		4-isopropyltoluene		1.1	ug/g	1	112	70	130	
		1,4-dichlorobenzene		1.2	ug/g	1	122	70	130	
		1,2-dichlorobenzene		1.2	ug/g	1	119	70	130	
		n-butylbenzene		1.2	ug/g	1	117	70	130	
		1,2-dibromo-3-chloropropane (DBCP)		1.2	ug/g	1	121	70	130	
		1,2,4-trichlorobenzene		1.2	ug/g	1	120	70	130	
		1,3,5-trichlorobenzene		1.1	ug/g	1	112	70	130	
		hexachlorobutadiene		1.1	ug/g	1	114	70	130	
		naphthalene		1.3	ug/g	1	134 *	70	130	
		1,2,3-trichlorobenzene		1.3	ug/g	1	135 *	70	130	
		dibromofluoromethane SUR		94	%			78	114	
		toluene-D8 SUR		100	%			88	110	
		4-bromofluorobenzene SUR		93	%			86	115	
		a,a,a-trifluorotoluene SUR		101	%			70	130	

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCSD14823	dichlorodifluoromethane		0.85	ug/g	1	85	70 130	3	30
		chloromethane		1.0	ug/g	1	101	70 130	1	30
		vinyl chloride		0.82	ug/g	1	82	70 130	0	30
		bromomethane		0.75	ug/g	1	75	70 130	10	30
		chloroethane		1.1	ug/g	1	113	70 130	1	30
		trichlorofluoromethane		1.1	ug/g	1	115	70 130	1	30
		diethyl ether		0.92	ug/g	1	92	70 130	3	30
		acetone	<	2.5	ug/g	1	119		0	30
		1,1-dichloroethene		1.2	ug/g	1	115	70 130	0	30
		methylene chloride		1.1	ug/g	1	108	70 130	3	30
		carbon disulfide		1.2	ug/g	1	118	70 130	1	30
		methyl t-butyl ether (MTBE)		1.1	ug/g	1	114	70 130	4	30
		trans-1,2-dichloroethene		1.1	ug/g	1	106	70 130	4	30
		isopropyl ether (DIPE)		1.3	ug/g	1	125	70 130	0	30
		ethyl t-butyl ether (ETBE)		1.2	ug/g	1	118	70 130	1	30
		1,1-dichloroethane		1.1	ug/g	1	114	70 130	2	30
		t-butanol (TBA)		4.4	ug/g	5	89	70 130	7	30
		2-butanone (MEK)		1.1	ug/g	1	114	70 130	8	30
		2,2-dichloropropane		0.95	ug/g	1	95	70 130	1	30
		cis-1,2-dichloroethene		1.0	ug/g	1	102	70 130	1	30
		chloroform		1.1	ug/g	1	107	70 130	2	30
		bromochloromethane		0.97	ug/g	1	97	70 130	2	30
		tetrahydrofuran (THF)		1.1	ug/g	1	109	70 130	5	30
		1,1,1-trichloroethane		0.98	ug/g	1	98	70 130	2	30
		1,1-dichloropropene		1.1	ug/g	1	114	70 130	2	30
		t-amyl-methyl ether (TAME)		1.0	ug/g	1	104	70 130	4	30
		carbon tetrachloride		0.92	ug/g	1	92	70 130	2	30
		1,2-dichloroethane		1.1	ug/g	1	107	70 130	2	30
		benzene		0.94	ug/g	1	94	70 130	0	30
		trichloroethene		0.98	ug/g	1	98	70 130	0	30
		1,2-dichloropropane		1.2	ug/g	1	117	70 130	2	30
		bromodichloromethane		1.1	ug/g	1	108	70 130	2	30
		1,4-dioxane	<	2.5	ug/g	2	121	70 130	7	30
		dibromomethane		1.1	ug/g	1	111	70 130	2	30
		4-methyl-2-pentanone (MIBK)		0.92	ug/g	1	92	70 130	9	30
		cis-1,3-dichloropropene		0.93	ug/g	1	93	70 130	1	30
		toluene		1.1	ug/g	1	107	70 130	1	30
		trans-1,3-dichloropropene		0.96	ug/g	1	96	70 130	1	30
		2-hexanone		0.93	ug/g	1	93	70 130	4	30
		1,1,2-trichloroethane		1.0	ug/g	1	102	70 130	3	30
		1,3-dichloropropane		1.2	ug/g	1	122	70 130	0	30
		tetrachloroethene		1.1	ug/g	1	114	70 130	0	30
		dibromochloromethane		1.1	ug/g	1	113	70 130	2	30
		1,2-dibromoethane (EDB)		1.1	ug/g	1	112	70 130	1	30
		chlorobenzene		1.1	ug/g	1	114	70 130	1	30
		1,1,1,2-tetrachloroethane		1.1	ug/g	1	110	70 130	1	30
		ethylbenzene		1.2	ug/g	1	122	70 130	1	30
		m&p-xylenes		2.3	ug/g	2	113	70 130	1	30
		o-xylene		1.0	ug/g	1	105	70 130	2	30

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit
SW5035A8260D	MLCSD14823	styrene		1.2	ug/g	1	124	70 130	2	30
		bromoform		1.0	ug/g	1	104	70 130	4	30
		isopropylbenzene		1.3	ug/g	1	125	70 130	1	30
		1,1,2,2-tetrachloroethane		1.3	ug/g	1	129	70 130	0	30
		1,2,3-trichloropropane		1.2	ug/g	1	122	70 130	0	30
		n-propylbenzene		1.4	ug/g	1	138 *	70 130	2	30
		bromobenzene		1.3	ug/g	1	126	70 130	1	30
		1,3,5-trimethylbenzene		1.2	ug/g	1	119	70 130	3	30
		2-chlorotoluene		1.3	ug/g	1	127	70 130	2	30
		4-chlorotoluene		1.3	ug/g	1	134 *	70 130	2	30
		tert-butylbenzene		1.2	ug/g	1	121	70 130	0	30
		1,2,4-trimethylbenzene		1.0	ug/g	1	105	70 130	3	30
		sec-butylbenzene		1.0	ug/g	1	103	70 130	2	30
		1,3-dichlorobenzene		1.2	ug/g	1	115	70 130	1	30
		4-isopropyltoluene		1.2	ug/g	1	116	70 130	3	30
		1,4-dichlorobenzene		1.3	ug/g	1	127	70 130	4	30
		1,2-dichlorobenzene		1.2	ug/g	1	121	70 130	2	30
		n-butylbenzene		1.2	ug/g	1	120	70 130	2	30
		1,2-dibromo-3-chloropropane (DBCP)		1.1	ug/g	1	111	70 130	9	30
		1,2,4-trichlorobenzene		1.2	ug/g	1	124	70 130	3	30
		1,3,5-trichlorobenzene		1.2	ug/g	1	116	70 130	4	30
		hexachlorobutadiene		1.2	ug/g	1	118	70 130	4	30
		naphthalene		1.3	ug/g	1	131 *	70 130	2	30
		1,2,3-trichlorobenzene		1.4	ug/g	1	137 *	70 130	1	30
		dibromofluoromethane SUR		92	%			78 114		
		toluene-D8 SUR		97	%			88 110		
		4-bromofluorobenzene SUR		91	%			86 115		
		a,a,a-trifluorotoluene SUR		100	%			70 130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit		
SW3540C8082A	BLK14827	PCB-1016		<	0.17	ug/g						
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260		<	0.17	ug/g						
		tetrachloro-m-xylene SUR			63	%			30	150		
		decachlorobiphenyl SUR			68	%			30	150		
SW3540C8082A	LCS14827	PCB-1016			2.7	ug/g	3.33	82	40	140		
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.6	ug/g	3.33	78	40	140		
		tetrachloro-m-xylene SUR			67	%			30	150		
		decachlorobiphenyl SUR			73	%			30	150		
SW3540C8082A	LCSD14827	PCB-1016			2.5	ug/g	3.33	76	40	140	7	30
		PCB-1221		<	0.17	ug/g						
		PCB-1232		<	0.17	ug/g						
		PCB-1242		<	0.17	ug/g						
		PCB-1248		<	0.17	ug/g						
		PCB-1254		<	0.17	ug/g						
		PCB-1260			2.5	ug/g	3.33	76	40	140	2	30
		tetrachloro-m-xylene SUR			62	%			30	150		
		decachlorobiphenyl SUR			72	%			30	150		



ANALYSIS REQUEST

Company Name: Campbell Environmental Group
Company Address: 173 Gray Rd, Falmouth ME
Report To: AARON BRIGNOL
Phone #: 207-253-1990
Invoice to: "
Email: abrignolle@campbellenvironmental.com
PO #:

Project Name: C. Smith MEADY
Project #:
Project Location: NH MA ME VT
Accreditation Required? N/Y:
Protocol: RCRA SDWA NPDES
MCP NHDES DOD
Reporting QAPP GW-1 S-1
Limits: EPA DW Other
Quote #
 NH Reimbursement Pricing

- VOC 8260 MADEP
- VOC 8260 NHDES
- VOC 8260
- VOC 624.1
- VOC BTEX MBE, only
- VOC 8021VT
- VPH MADEP
- GRO 8015
- 1,4-Dioxane
- VOC 524.2
- VOC 524.2 NH List
- Gases-List:
- TPH 8100
- DR0 8015
- EPH MADEP
- TPH Fingerprint
- 8270PAH
- 8270ABN
- 625.1
- EDB
- 8082 PCB
- 8081 Pesticides
- 608.3 Pest/PCB
- PFAS 537.1
- PFAS 533
- PFAS isotope dilution
- O&G 1664
- Mineral O&G 1664
- pH
- BOD
- Conductivity
- Turbidity
- Apparent Color
- TSS
- TDS
- TS
- TVS
- Alkalinity
- Acidity
- RCRA Metals
- Priority Pollutant Metals
- TAL Metals
- Hardness
- Total Metals-list:
- Dissolved Metals-list:
- Ammonia
- COD
- TKN
- TN
- TON
- TOC
- Ferrous Iron
- T-Phosphorus
- Bacteria P/A
- Bacteria MPN
- Enterococci
- Cyanide
- Sulfide
- Nitrate + Nitrite
- Ortho P
- Phenols
- Nitrate
- Nitrite
- Chloride
- Sulfate
- Bromide
- Fluoride
- Corrosivity
- Ignitibility/FP
- TCLP Metals
- TCLP VOC
- TCLP SVOC
- TCLP Pesticide
- Subcontract
- Grain Size
- Herbicides
- Asbestos

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling		
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	DATE	TIME	SAMPLER
60423-01	B-5C	1		X					X	3-18-22	0902	AG	
-02	BLS-1A	1		X					X	↓	0843	AG	
-03	BLS-2A	1		X					X	↓	0846	AD	

24hr JAT on VOCs per customer phone call 3/21/22 @

PCB

TAT REQUESTED
Priority (24 hr)*
Expedited (48 hr)*
Standard (10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
PCB by Sox

Need all results by 3:23 if possible. WEDNESDAY

CUSTODY RECORD
QSD-01 Revision 09/16/2021

REPORTING INSTRUCTIONS PDF (e-mail address) _____

HARD COPY REQUIRED EDD

RECEIVED ON ICE YES NO
TEMPERATURE 08 °C

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>3/18/22</u> Time: <u>15:15</u>	Received by: <u>[Signature]</u>	Date: <u>3/18/22</u> Time: <u>15:15</u>
Relinquished by: <u>[Signature]</u>	Date: <u>3/20/22</u> Time: <u>11:00</u>	Received by: <u>[Signature]</u>	Date: <u>3/20/22</u> Time: <u>11:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>3/21/22</u> Time: <u>8:30</u>	Received by Laboratory: <u>[Signature]</u>	Date: <u>3/21/22</u> Time: <u>08:30</u>

Sample Receipt Condition Report

60423

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 0.8 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓ by analyst PC Dry applicable? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 1L(G) _____ 1L(P) _____
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL(P)					
NH ₄ Ac	125mL(P)	250mL(P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)					
MeOH	20mL(G)	40mL(G)	2				
None (solid)	2oz(G)	4oz(G)	1	8oz(G)	Syringe	2	
None (water)	40ml (G)	60mL(P)		125mL(P)	250mL(P)	500mL(P)	
Mold	Cassette	Bulk		Plate		Tape Lift	
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk		Wipe			

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace?	X			
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?	X			
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			X	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?	✓			LM, SM, SB
Subcontract note on login board?			X	
Pesticides EPA 608 pH5-9?			X	
Compliance samples have no discrepancies/require no flags?			X	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			X	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: AL/gu

 Date/Time: 3/21/22 12:17

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

PO Number: None
Job ID: 60500
Date Received: 3/25/22

Project: C. Smith Meddy

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink that reads "Alexander Alterisio". The signature is written in a cursive style.

Alex Alterisio
Authorized Signature

Date of Approval: 3/29/2022
Total number of pages: 9

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
Decon-BKT322	Other	3/24/2022 9:55	60500-001	PCBs in wipe by Soxhlet 8082 Report on Weight As Received basis Rush TAT Surcharge (100%)

Project ID: C. Smith Meddy

Job ID: 60500

Sample#: 60500-001

Sample ID: Decon-BKT322

Matrix: Other

Sampled: 3/24/22 9:55

Parameter	Reporting		Instr Dil'n		Prep		Analysis			Reference
	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
PCB-1221	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
PCB-1232	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
PCB-1242	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
PCB-1248	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
PCB-1254	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
PCB-1260	< 0.5	0.5	ug/wipe	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
Surrogate Recovery		Limits								
tetrachloro-m-xylene SUR	74	30-150	%	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A
decachlorobiphenyl SUR	79	30-150	%	1	DBV	3/28/22	14843	3/29/22	11:49	SW3540C8082A

Quality Control Report



124 Heritage Avenue Unit 16
Portsmouth, NH 03801
www.absoluteresourceassociates.com



Case Narrative

Lab # 60500

Sample Receiving and Chain of Custody Discrepancies

Samples were received at 7 degrees C, on ice and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

GLOSSARY

%R	Percent Recovery
BLK	Blank (Method Blank, Preparation Blank)
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRM	Certified Reference Material (associated with solid Metals samples)
CRMD	Certified Reference Material Duplicate (associated with solid Metals samples)
Dil'n	Dilution
DL	Detection Limit
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Methanol Blank (associated with solid VOC samples)
MLCS	Methanol Laboratory Control Sample (associated with solid VOC samples)
MLCSD	Methanol Laboratory Control Sample Duplicate (associated with solid VOC samples)
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PB	Preparation Blank
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
SUR	Surrogate



124 Heritage Avenue Unit 16
Portsmouth, NH 03801

www.absoluteresourceassociates.com

- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limits	RPD	RPD Limit	
SW3540C8082A	BLK14843	PCB-1016		< 0.17	ug/g						
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		< 0.17	ug/g						
		tetrachloro-m-xylene SUR		63	%				30	150	
		decachlorobiphenyl SUR		69	%				30	150	
SW3540C8082A	LCS14843	PCB-1016		2.7	ug/g	3.33	81	40	140		
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.7	ug/g	3.33	80	40	140		
		tetrachloro-m-xylene SUR		63	%				30	150	
		decachlorobiphenyl SUR		76	%				30	150	
SW3540C8082A	LCSD14843	PCB-1016		2.7	ug/g	3.33	80	40	140	1	30
		PCB-1221		< 0.17	ug/g						
		PCB-1232		< 0.17	ug/g						
		PCB-1242		< 0.17	ug/g						
		PCB-1248		< 0.17	ug/g						
		PCB-1254		< 0.17	ug/g						
		PCB-1260		2.6	ug/g	3.33	78	40	140	2	30
		tetrachloro-m-xylene SUR		58	%				30	150	
		decachlorobiphenyl SUR		71	%				30	150	

Sample Receipt Condition Report

60500

Absolute Resource Associates
Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 7 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)		250mL(P)		500mL(P)	1L(G)	
HNO ₃	125mL(P)		250mL(P)		500mL(P)		
H ₂ SO ₄	40mL(G)		60mL(P)		125mL(P)	250mL(P)	500mL(P)
NaOH	125mL(P)		250mL(P)				
(NH ₄) ₂ SO ₄	60mL(P)		125mL(P)		250mL(P)		
ZnAc-NaOH	125mL(P)		250mL(P)				
Trizma	125mL(P)		250mL (P)				
NH ₄ Ac	125mL(P)		250mL (P)				
Na ₂ S ₂ O ₃	40mL(G)		120mL(P)				
MeOH	20mL(G)		40mL(G)				
None (solid)	2oz(G)		4oz(G)		8oz(G)	Syringe	
None (water)	40ml (G)		60mL(P)		125mL(P)	250mL(P)	500mL(P)
							1L(G) 1L (P)
Mold	Cassette		Bulk		Plate		Tape Lift
Asbestos	Cassette		Bulk				
Lead	Cassette		Bulk		Wipe		

*pH ✓by analyst: VOC, PFAS, TOC, O&G
 Residual Cl not present:
 ABN625 Pest608
 Bacteria ResCl ✓by analyst
 PC Dry applicable? Y N

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?	X			
VOC & TOC Water-no headspace? VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?			X	
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			X	Lot ID#: _____
Bacteria bottles provided by ARA?			✓	
Samples within holding time?	X			
Immediate tests communicated in writing: NO ₃ , NO ₂ , o-PO ₄ , pH, BOD, Coliform/ <i>E. coli</i> (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Unpres 624			X	
Date, time & ID on samples match CoC?	X			
Rushes communicated to analyst in writing?	X			AS, DBV
Subcontract note on login board?			X	
Pesticides EPA 608 pH5-9?			↓	
Compliance samples have no discrepancies/require no flags?			↓	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			↓	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

 Inspected and Received By: K.W.

 Date/Time: 3/25/22 15:10

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

Initials	Date	What was sent?
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	Report / Data / EDD / Invoice

November 2, 2021

Mr. Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

RE: Katahdin Lab Number: SO6852
Project ID: DEPC Smith Meddy
Project Manager: Mr. Alexander Croteau
Sample Receipt Date(s): October 07, 2021

Dear Mr. Brignull:

Please find enclosed the following information:

- * Report of Analysis (Analytical and/or Field)
- * Quality Control Data Summary
- * Chain of Custody (COC)
- * Login Report

A copy of the Chain of Custody is included in the paginated report. If requested, the original COC is attached as an addendum to this report.

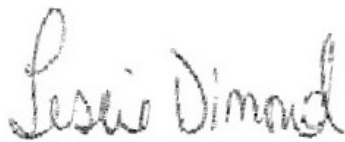
Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to <http://www.katahdinlab.com/cert> for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES



Leslie Dimond - Quality Assurance Officer

11/02/2021

Date

TECHNICAL NARRATIVE

Organics Analysis

The sample of Work Order SO6852 was analyzed in accordance with Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA publication SW-846, Third Edition, Final Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), and V (2015), and/or for the specific methods listed below or on the Report of Analysis.

8082A Analysis

Sample SO6852-1DL was diluted by a factor of 10 in order to bring the high concentration of the target analyte into the calibration range.

The laboratory control standard (LCS) WG307877-2 had a high recovery for the target analyte Aroclor 1260 that was outside the laboratory established acceptance limits.

8081B Analysis

Samples SO6852-1 and 1DL had RPD's of the results for the target analytes 4,4'-DDE, 4,4'-DDT, and/or endosulfan sulfate that were outside of the method acceptance limit of 40%. These analytes are flagged with "J" qualifiers on the reports of analysis (ROA's).

The laboratory would like to bring to the client's attention an observation concerning the identification and confirmation for many of the target analytes. The sample also contained the PCB Aroclor-1260 at a high concentration. There are several peaks on the raw data chromatograms that have similar retention times as peaks from the PCB. Consequently, some of the confirmed target analytes may be false positives due to the interference of the PCB. For samples that were diluted, there may be some discrepancies on the number of confirmed target analytes. This is again due to interference of the PCBs. Some of the peaks may be outside of the retention time window depending on the concentration of the PCB. The laboratory conservatively reported any target analyte that was within the retention time window on both channels, even if the RPD was high and appeared to be due to PCB interference. Due to the known PCB interference, the sample was not reanalyzed at a greater dilution for the target analyte 4,4'-DDT.

8151A Analysis

The LCSD WG307497-3 had high recoveries for two analytes that were outside of the laboratory established acceptance limits. Since the LCS was acceptable, no corrective action was taken.

8260B Analysis

Sample SO6852-1 had a high recovery for one surrogate that was outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias, and no target analytes were detected in the sample, no further action was taken.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are

statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS are compared to these acceptance limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than ten percent of the client compound list.

8270C Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS are compared to these acceptance limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than ten percent of the client compound list.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

Katahdin Sample Number SO6852-1 is a solid-matrix sample that was subjected to TCLP extraction in accordance with USEPA Method 1311. The TCLP fluid blank associated with this sample is identified as PBT1713A. The measured barium concentration (0.084 mg/L) in the TCLP fluid blank PBT1713A is above the laboratory's reporting limit. However, because the concentration of barium in the TCLP blank and in the associated TCLP extracts are well below the regulatory limit, reanalysis was not required.

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

- U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.
- Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.
- * Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.
- D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
- E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
- J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).
- or
- J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.
- B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
- C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).
- L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.
- M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.
- N Presumptive evidence of a compound based on a mass spectral library search.
- A Indicates that a tentatively identified compound is a suspected aldol-condensation product.
- P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

KATAHDIN ANALYTICAL SERVICES – INORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as “U” MDL have a 50% rate for false negatives compared to those results reported as “U” PQL “U” LOQ or “U” LOD, where the rate of false negatives is <1%.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

I-7 The laboratory’s Practical Quantitation Level (PQL) or LOQ could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.

A-4 Please refer to cover letter or narrative for further information.

H_ Please note that the regulatory holding time for _____ is “analyze immediately”. Ideally, this analysis must be performed in the field at the time of sample collection. _____ for this sample was not performed at the time of sample collection. The analysis was performed as soon as possible after receipt by the laboratory.

H1 - pH	H2 - DO	H3 - sulfite	H4 - residual chlorine
---------	---------	--------------	------------------------

T1 The client did not provide the full volume of at least one liter for analysis of TSS. Therefore, the PQL of 2.5 mg/L could not be achieved.

T2 The client provided the required volume of at least one liter for analysis of TSS, but the laboratory could not filter the full one liter volume due to the sample matrix. Therefore, the PQL of 2.5 mg/L could not be achieved.

M1 The matrix spike and/or matrix spike duplicate recovery performed on this sample was outside of the laboratory acceptance criteria. Sample matrix is suspected. The laboratory criteria was met for the Laboratory Control Sample (LCS) analyzed concurrently with this sample.

M2 The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory acceptance criteria. The native sample concentration is greater than four times the spike added concentration so the spike added could not be distinguished from the native sample concentration.

R1 The relative percent difference (RPD) between the duplicate analyses performed on this sample was outside of the laboratory acceptance criteria (when both values are greater than ten times the PQL).

MCL Maximum Contaminant Level	NL No limit
-------------------------------	-------------

NFL No Free Liquid Present	FLP Free Liquid Present
----------------------------	-------------------------

NOD No Odor Detected	TON Threshold Odor Number
----------------------	---------------------------

D-1 As required by Method 5210B, APHA Standard Methods for the Examination of Water and Wastewater (21st edition), the BOD value reported for this sample is ‘qualified’ because the check standard run concurrently with the sample analysis did not meet the criteria specified in the method (198 +/- 30.5 mg/L). These results may not be reportable for compliance purposes.

D-2 The measured final dissolved oxygen concentrations of all dilutions were less than the method-specified limit of 1 mg/L. The reported BOD result was calculated assuming a final oxygen concentration equal to 1 mg/L. The reported value should be considered a minimum value.

D-3 The dilution water used to prepare this sample did not meet the method and/or regulatory criteria of less than 0.2 or 0.4 mg/L dissolved oxygen (DO) uptake over the five day period of incubation. These results may not be reportable for compliance purposes.

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: P9675.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 82.
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	12	ug/Kgdrywt	1	10	12.
Chloromethane	U	12	ug/Kgdrywt	1	10	12.
Vinyl Chloride	U	12	ug/Kgdrywt	1	10	12.
Bromomethane	U	12	ug/Kgdrywt	1	10	12.
Chloroethane	U	12	ug/Kgdrywt	1	10	12.
Trichlorofluoromethane	U	12	ug/Kgdrywt	1	10	12.
1,1-Dichloroethene	U	6.0	ug/Kgdrywt	1	5	6.0
Methylene Chloride	U	30	ug/Kgdrywt	1	25	30.
trans-1,2-Dichloroethene	U	6.0	ug/Kgdrywt	1	5	6.0
1,1-Dichloroethane	U	6.0	ug/Kgdrywt	1	5	6.0
cis-1,2-Dichloroethene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2-Dichloroethylene (Total)	U	12	ug/Kgdrywt	1	10	12.
2,2-Dichloropropane	U	6.0	ug/Kgdrywt	1	5	6.0
Chloroform	U	6.0	ug/Kgdrywt	1	5	6.0
Bromochloromethane	U	6.0	ug/Kgdrywt	1	5	6.0
1,1,1-Trichloroethane	U	6.0	ug/Kgdrywt	1	5	6.0
1,2-Dichloroethane	U	6.0	ug/Kgdrywt	1	5	6.0
1,1-Dichloropropene	U	6.0	ug/Kgdrywt	1	5	6.0
Carbon Tetrachloride	U	6.0	ug/Kgdrywt	1	5	6.0
Benzene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2-Dichloropropane	U	6.0	ug/Kgdrywt	1	5	6.0
Trichloroethene	U	6.0	ug/Kgdrywt	1	5	6.0
Dibromomethane	U	6.0	ug/Kgdrywt	1	5	6.0
Bromodichloromethane	U	6.0	ug/Kgdrywt	1	5	6.0
cis-1,3-Dichloropropene	U	6.0	ug/Kgdrywt	1	5	6.0
Toluene	U	6.0	ug/Kgdrywt	1	5	6.0
trans-1,3-Dichloropropene	U	6.0	ug/Kgdrywt	1	5	6.0
1,1,2-Trichloroethane	U	6.0	ug/Kgdrywt	1	5	6.0
1,3-Dichloropropane	U	6.0	ug/Kgdrywt	1	5	6.0
Dibromochloromethane	U	6.0	ug/Kgdrywt	1	5	6.0
Tetrachloroethene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2-Dibromoethane	U	6.0	ug/Kgdrywt	1	5	6.0
Chlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
1,1,1,2-Tetrachloroethane	U	6.0	ug/Kgdrywt	1	5	6.0
Ethylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: P9675.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 82.
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	6.0	ug/Kgdrywt	1	5	6.0
Styrene	U	6.0	ug/Kgdrywt	1	5	6.0
1,1,2,2-Tetrachloroethane	U	6.0	ug/Kgdrywt	1	5	6.0
1,2,3-Trichloropropane	U	6.0	ug/Kgdrywt	1	5	6.0
Isopropylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
Bromobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
2-Chlorotoluene	U	6.0	ug/Kgdrywt	1	5	6.0
N-Propylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
4-Chlorotoluene	U	6.0	ug/Kgdrywt	1	5	6.0
1,3,5-Trimethylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
tert-Butylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2,4-Trichlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
sec-Butylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
1,3-Dichlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
P-Isopropyltoluene	U	6.0	ug/Kgdrywt	1	5	6.0
1,4-Dichlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2-Dichlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
N-Butylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2-Dibromo-3-Chloropropane	U	6.0	ug/Kgdrywt	1	5	6.0
1,2,4-Trimethylbenzene	U	6.0	ug/Kgdrywt	1	5	6.0
Naphthalene	U	6.0	ug/Kgdrywt	1	5	6.0
Hexachlorobutadiene	U	6.0	ug/Kgdrywt	1	5	6.0
1,2,3-Trichlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
Methyl tert-butyl Ether	U	6.0	ug/Kgdrywt	1	5	6.0
Acetone	U	30	ug/Kgdrywt	1	25	30.
2-Butanone	U	30	ug/Kgdrywt	1	25	30.
4-Methyl-2-Pentanone	U	30	ug/Kgdrywt	1	25	30.
2-Hexanone	U	30	ug/Kgdrywt	1	25	30.
m+p-Xylenes	U	12	ug/Kgdrywt	1	10	12.
o-Xylene	U	6.0	ug/Kgdrywt	1	5	6.0
Xylenes (Total)	U	18	ug/Kgdrywt	1	15	18.
1,3,5-Trichlorobenzene	U	6.0	ug/Kgdrywt	1	5	6.0
Vinyl Acetate	U	6.0	ug/Kgdrywt	1	5	6.0
Carbon Disulfide	U	6.0	ug/Kgdrywt	1	5	6.0
Diethyl Ether	U	6.0	ug/Kgdrywt	1	5	6.0

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: P9675.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 82.
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	60	ug/Kgdrywt	1	50	60.
Dibromofluoromethane		128.	%			
1,2-Dichloroethane-d4	*	136.	%			
Toluene-d8		101.	%			
P-Bromofluorobenzene		91.8	%			

Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : DEPC Smith Meddy
Lab File ID : P9670.D
Instrument ID : GCMS-P
Heated Purge : Yes

SDG : SO6852
Lab Sample ID : WG307775-2
Date Analyzed : 13-OCT-21
Time Analyzed : 11:20

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG307775-1	P9667.D	10/13/21	09:39
PCB SOIL	SO6852-1	P9675.D	10/13/21	13:43

Report of Analytical Results

Lab ID: WG307775-2
Client ID: Method Blank
SDG: SO6852
Lab File ID: P9670.D

Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775
% Solids: NA

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	10	ug/Kgdrywt	1	10	10.
Chloromethane	U	10	ug/Kgdrywt	1	10	10.
Vinyl Chloride	U	10	ug/Kgdrywt	1	10	10.
Bromomethane	U	10	ug/Kgdrywt	1	10	10.
Chloroethane	U	10	ug/Kgdrywt	1	10	10.
Trichlorofluoromethane	U	10	ug/Kgdrywt	1	10	10.
1,1-Dichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
Methylene Chloride	U	25	ug/Kgdrywt	1	25	25.
trans-1,2-Dichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1-Dichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
cis-1,2-Dichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichloroethylene (Total)	U	10	ug/Kgdrywt	1	10	10.
2,2-Dichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Chloroform	U	5.0	ug/Kgdrywt	1	5	5.0
Bromochloromethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,1-Trichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,1-Dichloropropene	U	5.0	ug/Kgdrywt	1	5	5.0
Carbon Tetrachloride	U	5.0	ug/Kgdrywt	1	5	5.0
Benzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Trichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
Dibromomethane	U	5.0	ug/Kgdrywt	1	5	5.0
Bromodichloromethane	U	5.0	ug/Kgdrywt	1	5	5.0
cis-1,3-Dichloropropene	U	5.0	ug/Kgdrywt	1	5	5.0
Toluene	U	5.0	ug/Kgdrywt	1	5	5.0
trans-1,3-Dichloropropene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,2-Trichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,3-Dichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Dibromochloromethane	U	5.0	ug/Kgdrywt	1	5	5.0
Tetrachloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dibromoethane	U	5.0	ug/Kgdrywt	1	5	5.0
Chlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,1,2-Tetrachloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
Ethylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0

Report of Analytical Results

Lab ID: WG307775-2
Client ID: Method Blank
SDG: SO6852
Lab File ID: P9670.D

Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775
% Solids: NA

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	5.0	ug/Kgdrywt	1	5	5.0
Styrene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,2,2-Tetrachloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,3-Trichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Isopropylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Bromobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
2-Chlorotoluene	U	5.0	ug/Kgdrywt	1	5	5.0
N-Propylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
4-Chlorotoluene	U	5.0	ug/Kgdrywt	1	5	5.0
1,3,5-Trimethylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
tert-Butylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,4-Trichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
sec-Butylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,3-Dichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
P-Isopropyltoluene	U	5.0	ug/Kgdrywt	1	5	5.0
1,4-Dichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
N-Butylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dibromo-3-Chloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,4-Trimethylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Naphthalene	U	5.0	ug/Kgdrywt	1	5	5.0
Hexachlorobutadiene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,3-Trichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Methyl tert-butyl Ether	U	5.0	ug/Kgdrywt	1	5	5.0
Acetone	U	25	ug/Kgdrywt	1	25	25.
2-Butanone	U	25	ug/Kgdrywt	1	25	25.
4-Methyl-2-Pentanone	U	25	ug/Kgdrywt	1	25	25.
2-Hexanone	U	25	ug/Kgdrywt	1	25	25.
m+p-Xylenes	U	10	ug/Kgdrywt	1	10	10.
o-Xylene	U	5.0	ug/Kgdrywt	1	5	5.0
Xylenes (Total)	U	15	ug/Kgdrywt	1	15	15.
1,3,5-Trichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Vinyl Acetate	U	5.0	ug/Kgdrywt	1	5	5.0
Carbon Disulfide	U	5.0	ug/Kgdrywt	1	5	5.0
Diethyl Ether	U	5.0	ug/Kgdrywt	1	5	5.0

Report of Analytical Results

Lab ID: WG307775-2
Client ID: Method Blank
SDG: SO6852
Lab File ID: P9670.D

Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775
% Solids: NA

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	50	ug/Kgdrywt	1	50	50.
Dibromofluoromethane		123.	%			
1,2-Dichloroethane-d4		125.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		96.0	%			

LCS Recovery Report

Lab ID: WG307775-1
Client ID: LCS
SDG: SO6852
LCS File ID: P9667.D
Report Date: 24-OCT-21

Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dichlorodifluoromethane	93.8	50.0	46.9	ug/Kgdrywt	45-167
Chloromethane	87.4	50.0	43.7	ug/Kgdrywt	69-127
Vinyl Chloride	99.4	50.0	49.7	ug/Kgdrywt	73-134
Bromomethane	124.	50.0	62.2	ug/Kgdrywt	64-136
Chloroethane	98.6	50.0	49.3	ug/Kgdrywt	71-127
Trichlorofluoromethane	101.	50.0	50.4	ug/Kgdrywt	73-145
1,1-Dichloroethene	97.4	50.0	48.7	ug/Kgdrywt	71-137
Methylene Chloride	94.2	50.0	47.1	ug/Kgdrywt	56-152
trans-1,2-Dichloroethene	101.	50.0	50.4	ug/Kgdrywt	67-133
1,1-Dichloroethane	104.	50.0	51.8	ug/Kgdrywt	75-126
cis-1,2-Dichloroethene	103.	50.0	51.7	ug/Kgdrywt	82-123
1,2-Dichloroethylene (Total)	102.	100.	102.	ug/Kgdrywt	82-120
2,2-Dichloropropane	112.	50.0	55.9	ug/Kgdrywt	78-124
Chloroform	99.6	50.0	49.8	ug/Kgdrywt	83-118
Bromochloromethane	113.	50.0	56.6	ug/Kgdrywt	84-115
1,1,1-Trichloroethane	106.	50.0	53.0	ug/Kgdrywt	80-120
1,2-Dichloroethane	104.	50.0	52.2	ug/Kgdrywt	83-121
1,1-Dichloropropene	110.	50.0	55.2	ug/Kgdrywt	81-119
Carbon Tetrachloride	105.	50.0	52.3	ug/Kgdrywt	78-124
Benzene	106.	50.0	53.2	ug/Kgdrywt	82-113
1,2-Dichloropropane	99.8	50.0	49.9	ug/Kgdrywt	84-115
Trichloroethene	98.6	50.0	49.3	ug/Kgdrywt	83-113
Dibromomethane	94.6	50.0	47.3	ug/Kgdrywt	85-118
Bromodichloromethane	98.8	50.0	49.4	ug/Kgdrywt	82-118
cis-1,3-Dichloropropene	110.	50.0	54.9	ug/Kgdrywt	80-115
Toluene	102.	50.0	50.8	ug/Kgdrywt	80-113
trans-1,3-Dichloropropene	104.	50.0	51.8	ug/Kgdrywt	87-136
1,1,2-Trichloroethane	100.	50.0	50.1	ug/Kgdrywt	78-117
1,3-Dichloropropane	97.6	50.0	48.8	ug/Kgdrywt	80-114
Dibromochloromethane	96.8	50.0	48.4	ug/Kgdrywt	80-120
Tetrachloroethene	105.	50.0	52.3	ug/Kgdrywt	73-122
1,2-Dibromoethane	101.	50.0	50.4	ug/Kgdrywt	81-119
Chlorobenzene	99.0	50.0	49.5	ug/Kgdrywt	85-111
1,1,1,2-Tetrachloroethane	106.	50.0	53.1	ug/Kgdrywt	83-114
Ethylbenzene	105.	50.0	52.3	ug/Kgdrywt	81-112
Bromoform	97.4	50.0	48.7	ug/Kgdrywt	76-126

LCS Recovery Report

Lab ID: WG307775-1
Client ID: LCS
SDG: SO6852
LCS File ID: P9667.D
Report Date: 24-OCT-21

Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Styrene	109.	50.0	54.3	ug/Kgdrywt	84-112
1,1,2,2-Tetrachloroethane	98.4	50.0	49.2	ug/Kgdrywt	78-122
1,2,3-Trichloropropane	97.2	50.0	48.6	ug/Kgdrywt	81-118
Isopropylbenzene	102.	50.0	51.2	ug/Kgdrywt	89-136
Bromobenzene	99.6	50.0	49.8	ug/Kgdrywt	78-118
2-Chlorotoluene	101.	50.0	50.3	ug/Kgdrywt	78-118
N-Propylbenzene	104.	50.0	51.9	ug/Kgdrywt	77-121
4-Chlorotoluene	101.	50.0	50.6	ug/Kgdrywt	77-121
1,3,5-Trimethylbenzene	104.	50.0	52.1	ug/Kgdrywt	79-116
tert-Butylbenzene	103.	50.0	51.3	ug/Kgdrywt	79-118
1,2,4-Trichlorobenzene	119.	50.0	59.3	ug/Kgdrywt	61-135
sec-Butylbenzene	106.	50.0	53.2	ug/Kgdrywt	75-122
1,3-Dichlorobenzene	104.	50.0	52.1	ug/Kgdrywt	79-119
P-Isopropyltoluene	112.	50.0	55.8	ug/Kgdrywt	80-124
1,4-Dichlorobenzene	103.	50.0	51.4	ug/Kgdrywt	80-117
1,2-Dichlorobenzene	103.	50.0	51.6	ug/Kgdrywt	76-118
N-Butylbenzene	119.	50.0	59.4	ug/Kgdrywt	70-124
1,2-Dibromo-3-Chloropropane	91.8	50.0	45.9	ug/Kgdrywt	66-132
1,2,4-Trimethylbenzene	103.	50.0	51.5	ug/Kgdrywt	76-115
Naphthalene	103.	50.0	51.7	ug/Kgdrywt	51-131
Hexachlorobutadiene	120.	50.0	60.0	ug/Kgdrywt	69-120
1,2,3-Trichlorobenzene	125.	50.0	62.6	ug/Kgdrywt	55-134
Methyl tert-butyl Ether	114.	50.0	56.9	ug/Kgdrywt	81-125
Acetone	116.	50.0	58.2	ug/Kgdrywt	76-213
2-Butanone	106.	50.0	53.0	ug/Kgdrywt	78-148
4-Methyl-2-Pentanone	100.	50.0	50.1	ug/Kgdrywt	75-137
2-Hexanone	98.2	50.0	49.1	ug/Kgdrywt	72-149
m+p-Xylenes	106.	100.	106.	ug/Kgdrywt	80-115
o-Xylene	110.	50.0	54.9	ug/Kgdrywt	82-115
Xylenes (Total)	107.	150.	161.	ug/Kgdrywt	81-114
1,3,5-Trichlorobenzene	115.	50.0	57.4	ug/Kgdrywt	64-133
Vinyl Acetate	* 122.	50.0	61.1	ug/Kgdrywt	77-119
Carbon Disulfide	118.	50.0	59.2	ug/Kgdrywt	69-138
Diethyl Ether	103.	50.0	51.5	ug/Kgdrywt	76-135
Tetrahydrofuran	99.0	50.0	49.5	ug/Kgdrywt	78-137
Dibromofluoromethane	110.				64-130

LCS Recovery Report

Lab ID: WG307775-1
Client ID: LCS
SDG: SO6852
LCS File ID: P9667.D
Report Date: 24-OCT-21

Extract Date: 13-OCT-21
Extracted By: ES
Extraction Method: SW846 5035
Lab Prep Batch: WG307775

Analysis Date: 13-OCT-21
Analyst: ES
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	106.				58-134
Toluene-d8	102.				67-118
P-Bromofluorobenzene	102.				47-119

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: U5561.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307878

Analysis Date: 27-OCT-21
Analyst: JCG
Analysis Method: SW846 8270C
Matrix: SL
% Solids: 82.
Report Date: 02-NOV-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Phenol	U	400	ug/Kgdrywt	1	330	400
Bis(2-Chloroethyl)Ether	U	400	ug/Kgdrywt	1	330	400
2-Chlorophenol	U	400	ug/Kgdrywt	1	330	400
1,3-Dichlorobenzene	U	400	ug/Kgdrywt	1	330	400
1,4-Dichlorobenzene	U	400	ug/Kgdrywt	1	330	400
1,2-Dichlorobenzene	U	400	ug/Kgdrywt	1	330	400
2-Methylphenol	U	400	ug/Kgdrywt	1	330	400
2,2'-Oxybis(1-Chloropropane)	U	400	ug/Kgdrywt	1	330	400
3&4-Methylphenol	U	400	ug/Kgdrywt	1	330	400
N-Nitroso-Di-N-Propylamine	U	400	ug/Kgdrywt	1	330	400
Hexachloroethane	U	400	ug/Kgdrywt	1	330	400
Nitrobenzene	U	400	ug/Kgdrywt	1	330	400
Isophorone	U	400	ug/Kgdrywt	1	330	400
2-Nitrophenol	U	400	ug/Kgdrywt	1	330	400
2,4-Dimethylphenol	U	400	ug/Kgdrywt	1	330	400
Bis(2-Chloroethoxy)Methane	U	400	ug/Kgdrywt	1	330	400
2,4-Dichlorophenol	U	400	ug/Kgdrywt	1	330	400
1,2,4-Trichlorobenzene	U	400	ug/Kgdrywt	1	330	400
Naphthalene	U	400	ug/Kgdrywt	1	330	400
4-Chloroaniline	U	400	ug/Kgdrywt	1	330	400
Hexachlorobutadiene	U	400	ug/Kgdrywt	1	330	400
4-Chloro-3-Methylphenol	U	400	ug/Kgdrywt	1	330	400
2-Methylnaphthalene	U	400	ug/Kgdrywt	1	330	400
Hexachlorocyclopentadiene	U	400	ug/Kgdrywt	1	330	400
2,4,6-Trichlorophenol	U	400	ug/Kgdrywt	1	330	400
2,4,5-Trichlorophenol	U	990	ug/Kgdrywt	1	820	990
2-Chloronaphthalene	U	400	ug/Kgdrywt	1	330	400
2-Nitroaniline	U	990	ug/Kgdrywt	1	820	990
Dimethyl Phthalate	U	400	ug/Kgdrywt	1	330	400
Acenaphthylene	U	400	ug/Kgdrywt	1	330	400
2,6-Dinitrotoluene	U	400	ug/Kgdrywt	1	330	400
3-Nitroaniline	U	990	ug/Kgdrywt	1	820	990
Acenaphthene	U	400	ug/Kgdrywt	1	330	400
2,4-Dinitrophenol	U	990	ug/Kgdrywt	1	820	990
4-Nitrophenol	U	990	ug/Kgdrywt	1	820	990

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: U5561.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307878

Analysis Date: 27-OCT-21
Analyst: JCG
Analysis Method: SW846 8270C
Matrix: SL
% Solids: 82.
Report Date: 02-NOV-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dibenzofuran	U	400	ug/Kgdrywt	1	330	400
2,4-Dinitrotoluene	U	400	ug/Kgdrywt	1	330	400
Diethylphthalate	U	400	ug/Kgdrywt	1	330	400
4-Chlorophenyl-Phenylether	U	400	ug/Kgdrywt	1	330	400
Fluorene	U	400	ug/Kgdrywt	1	330	400
4-Nitroaniline	U	990	ug/Kgdrywt	1	820	990
4,6-Dinitro-2-Methylphenol	U	990	ug/Kgdrywt	1	820	990
N-Nitrosodiphenylamine	U	400	ug/Kgdrywt	1	330	400
4-Bromophenyl-Phenylether	U	400	ug/Kgdrywt	1	330	400
Hexachlorobenzene	U	400	ug/Kgdrywt	1	330	400
Pentachlorophenol	U	990	ug/Kgdrywt	1	820	990
Phenanthrene	U	400	ug/Kgdrywt	1	330	400
Anthracene	U	400	ug/Kgdrywt	1	330	400
Carbazole	U	400	ug/Kgdrywt	1	330	400
Di-N-Butylphthalate	U	400	ug/Kgdrywt	1	330	400
Fluoranthene	U	400	ug/Kgdrywt	1	330	400
Pyrene	U	400	ug/Kgdrywt	1	330	400
Butylbenzylphthalate	U	400	ug/Kgdrywt	1	330	400
3,3'-Dichlorobenzidine	U	400	ug/Kgdrywt	1	330	400
Benzo(a)anthracene	U	400	ug/Kgdrywt	1	330	400
Chrysene	U	400	ug/Kgdrywt	1	330	400
Bis(2-Ethylhexyl)Phthalate	U	400	ug/Kgdrywt	1	330	400
Di-N-Octylphthalate	U	400	ug/Kgdrywt	1	330	400
Benzo(b)fluoranthene	U	400	ug/Kgdrywt	1	330	400
Benzo(k)fluoranthene	U	400	ug/Kgdrywt	1	330	400
Benzo(a)pyrene	U	400	ug/Kgdrywt	1	330	400
Indeno(1,2,3-cd)pyrene	U	400	ug/Kgdrywt	1	330	400
Dibenzo(a,h)anthracene	U	400	ug/Kgdrywt	1	330	400
Benzo(g,h,i)perylene	U	400	ug/Kgdrywt	1	330	400
2-Fluorophenol		56.3				
Phenol-d6		58.0				
Nitrobenzene-d5		63.2				
2-Fluorobiphenyl		72.4				
2,4,6-Tribromophenol		66.1				
Terphenyl-d14		69.0				

Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEPC Smith Meddy
Lab File ID : U5494.D
Instrument ID : GCMS-U
Matrix : SL

SDG : SO6852
Lab Sample ID : WG307878-1
Date Extracted : 14-OCT-21
Date Analyzed : 21-OCT-21
Time Analyzed : 15:49

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG307878-2	U5495.D	10/21/21	16:21
Laboratory Control S	WG307878-3	U5515.D	10/25/21	13:57
PCB SOIL	SO6852-1	U5561.D	10/27/21	12:37

Report of Analytical Results

Lab ID: WG307878-1
Client ID: Method Blank
SDG: SO6852
Lab File ID: U5494.D

Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307878
% Solids: NA

Analysis Date: 21-OCT-21
Analyst: JCG
Analysis Method: SW846 8270C
Matrix: SL
Report Date: 02-NOV-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Phenol	U	330	ug/Kgdrywt	1	330	330
Bis(2-Chloroethyl)Ether	U	330	ug/Kgdrywt	1	330	330
2-Chlorophenol	U	330	ug/Kgdrywt	1	330	330
1,3-Dichlorobenzene	U	330	ug/Kgdrywt	1	330	330
1,4-Dichlorobenzene	U	330	ug/Kgdrywt	1	330	330
1,2-Dichlorobenzene	U	330	ug/Kgdrywt	1	330	330
2-Methylphenol	U	330	ug/Kgdrywt	1	330	330
2,2'-Oxybis(1-Chloropropane)	U	330	ug/Kgdrywt	1	330	330
3&4-Methylphenol	U	330	ug/Kgdrywt	1	330	330
N-Nitroso-Di-N-Propylamine	U	330	ug/Kgdrywt	1	330	330
Hexachloroethane	U	330	ug/Kgdrywt	1	330	330
Nitrobenzene	U	330	ug/Kgdrywt	1	330	330
Isophorone	U	330	ug/Kgdrywt	1	330	330
2-Nitrophenol	U	330	ug/Kgdrywt	1	330	330
2,4-Dimethylphenol	U	330	ug/Kgdrywt	1	330	330
Bis(2-Chloroethoxy)Methane	U	330	ug/Kgdrywt	1	330	330
2,4-Dichlorophenol	U	330	ug/Kgdrywt	1	330	330
1,2,4-Trichlorobenzene	U	330	ug/Kgdrywt	1	330	330
Naphthalene	U	330	ug/Kgdrywt	1	330	330
4-Chloroaniline	U	330	ug/Kgdrywt	1	330	330
Hexachlorobutadiene	U	330	ug/Kgdrywt	1	330	330
4-Chloro-3-Methylphenol	U	330	ug/Kgdrywt	1	330	330
2-Methylnaphthalene	U	330	ug/Kgdrywt	1	330	330
Hexachlorocyclopentadiene	U	330	ug/Kgdrywt	1	330	330
2,4,6-Trichlorophenol	U	330	ug/Kgdrywt	1	330	330
2,4,5-Trichlorophenol	U	820	ug/Kgdrywt	1	820	820
2-Chloronaphthalene	U	330	ug/Kgdrywt	1	330	330
2-Nitroaniline	U	820	ug/Kgdrywt	1	820	820
Dimethyl Phthalate	U	330	ug/Kgdrywt	1	330	330
Acenaphthylene	U	330	ug/Kgdrywt	1	330	330
2,6-Dinitrotoluene	U	330	ug/Kgdrywt	1	330	330
3-Nitroaniline	U	820	ug/Kgdrywt	1	820	820
Acenaphthene	U	330	ug/Kgdrywt	1	330	330
2,4-Dinitrophenol	U	820	ug/Kgdrywt	1	820	820
4-Nitrophenol	U	820	ug/Kgdrywt	1	820	820

Report of Analytical Results

Lab ID: WG307878-1
Client ID: Method Blank
SDG: SO6852
Lab File ID: U5494.D

Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307878
% Solids: NA

Analysis Date: 21-OCT-21
Analyst: JCG
Analysis Method: SW846 8270C
Matrix: SL
Report Date: 02-NOV-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dibenzofuran	U	330	ug/Kgdrywt	1	330	330
2,4-Dinitrotoluene	U	330	ug/Kgdrywt	1	330	330
Diethylphthalate	U	330	ug/Kgdrywt	1	330	330
4-Chlorophenyl-Phenylether	U	330	ug/Kgdrywt	1	330	330
Fluorene	U	330	ug/Kgdrywt	1	330	330
4-Nitroaniline	U	820	ug/Kgdrywt	1	820	820
4,6-Dinitro-2-Methylphenol	U	820	ug/Kgdrywt	1	820	820
N-Nitrosodiphenylamine	U	330	ug/Kgdrywt	1	330	330
4-Bromophenyl-Phenylether	U	330	ug/Kgdrywt	1	330	330
Hexachlorobenzene	U	330	ug/Kgdrywt	1	330	330
Pentachlorophenol	U	820	ug/Kgdrywt	1	820	820
Phenanthrene	U	330	ug/Kgdrywt	1	330	330
Anthracene	U	330	ug/Kgdrywt	1	330	330
Carbazole	U	330	ug/Kgdrywt	1	330	330
Di-N-Butylphthalate	U	330	ug/Kgdrywt	1	330	330
Fluoranthene	U	330	ug/Kgdrywt	1	330	330
Pyrene	U	330	ug/Kgdrywt	1	330	330
Butylbenzylphthalate	U	330	ug/Kgdrywt	1	330	330
3,3'-Dichlorobenzidine	U	330	ug/Kgdrywt	1	330	330
Benzo(a)anthracene	U	330	ug/Kgdrywt	1	330	330
Chrysene	U	330	ug/Kgdrywt	1	330	330
Bis(2-Ethylhexyl)Phthalate	U	330	ug/Kgdrywt	1	330	330
Di-N-Octylphthalate	U	330	ug/Kgdrywt	1	330	330
Benzo(b)fluoranthene	U	330	ug/Kgdrywt	1	330	330
Benzo(k)fluoranthene	U	330	ug/Kgdrywt	1	330	330
Benzo(a)pyrene	U	330	ug/Kgdrywt	1	330	330
Indeno(1,2,3-cd)pyrene	U	330	ug/Kgdrywt	1	330	330
Dibenzo(a,h)anthracene	U	330	ug/Kgdrywt	1	330	330
Benzo(g,h,i)perylene	U	330	ug/Kgdrywt	1	330	330
2-Fluorophenol		59.5				
Phenol-d6		59.7				
Nitrobenzene-d5		64.9				
2-Fluorobiphenyl		68.0				
2,4,6-Tribromophenol		58.9				
Terphenyl-d14		84.9				

LCS/LCSD Recovery Report

LCS ID: WG307878-2
LCSD ID: WG307878-3
SDG: SO6852
LCS File ID: U5495.D

Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307878
LCSD File ID: U5515.D

Analysis Date: 21-OCT-21
Analyst: JCG
Analysis Method: SW846 8270C
Matrix: SL
Report Date: 02-NOV-21

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Phenol	3330	1970	59.2	1620	48.6	ug/Kgdrywt	19	50	34-94
Bis(2-Chloroethyl)Ether	1670	951.	56.9	899.	53.8	ug/Kgdrywt	6	50	33-93
2-Chlorophenol	3330	1940	58.2	1600	48.0	ug/Kgdrywt	19	50	33-93
1,3-Dichlorobenzene	1670	921.	55.1	761.	45.6	ug/Kgdrywt	19	50	29-89
1,4-Dichlorobenzene	1670	934.	55.9	795.	47.6	ug/Kgdrywt	16	50	30-90
1,2-Dichlorobenzene	1670	946.	56.6	777.	46.5	ug/Kgdrywt	20	50	31-91
2-Methylphenol	3330	1820	54.6	1470	44.1	ug/Kgdrywt	21	50	34-94
2,2'-Oxybis(1-Chloropropane)	1670	777.	46.5	564.	33.8*	ug/Kgdrywt	32	50	41-118
3&4-Methylphenol	3330	2130	64.0	1610	48.3	ug/Kgdrywt	28	50	38-98
N-Nitroso-Di-N-Propylamine	1670	1060	63.5	840.	50.3	ug/Kgdrywt	23	50	33-93
Hexachloroethane	1670	963.	57.7	760.	45.5	ug/Kgdrywt	24	50	10-88
Nitrobenzene	1670	1030	61.7	816.	48.9	ug/Kgdrywt	23	50	32-92
Isophorone	1670	1000	59.9	781.	46.8	ug/Kgdrywt	24	50	37-97
2-Nitrophenol	3330	2060	61.9	1600	48.0	ug/Kgdrywt	25	50	34-94
2,4-Dimethylphenol	3330	1550	46.5	764.	22.9	ug/Kgdrywt	68*	50	21-81
Bis(2-Chloroethoxy)Methane	1670	948.	56.8	742.	44.4	ug/Kgdrywt	24	50	30-90
2,4-Dichlorophenol	3330	2150	64.6	1790	53.8	ug/Kgdrywt	18	50	40-100
1,2,4-Trichlorobenzene	1670	1020	61.1	827.	49.5	ug/Kgdrywt	21	50	32-92
Naphthalene	1670	1080	64.7	873.	52.3	ug/Kgdrywt	21	50	30-90
4-Chloroaniline	1670	621.	37.2	253.	15.1	ug/Kgdrywt	84*	50	10-73
Hexachlorobutadiene	1670	1020	61.1	844.	50.5	ug/Kgdrywt	19	50	31-91
4-Chloro-3-Methylphenol	3330	2510	75.4	2240	67.3	ug/Kgdrywt	11	50	45-105
2-Methylnaphthalene	1670	1140	68.3	960.	57.5	ug/Kgdrywt	17	50	40-100
Hexachlorocyclopentadiene	1670	582.	34.8	475.	28.4	ug/Kgdrywt	20	50	10-70
2,4,6-Trichlorophenol	3330	2240	67.3	1990	59.8	ug/Kgdrywt	12	50	46-106
2,4,5-Trichlorophenol	3330	2420	72.7	2190	65.8	ug/Kgdrywt	10	50	47-107
2-Chloronaphthalene	1670	972.	58.2	848.	50.8	ug/Kgdrywt	14	50	15-75
2-Nitroaniline	1670	1230	73.6	1080	64.7	ug/Kgdrywt	13	50	40-100
Dimethyl Phthalate	1670	1200	71.8	1080	64.7	ug/Kgdrywt	10	50	53-113
Acenaphthylene	1670	968.	58.0	773.	46.3	ug/Kgdrywt	22	50	40-100
2,6-Dinitrotoluene	1670	1200	71.8	1100	65.9	ug/Kgdrywt	9	50	54-114
3-Nitroaniline	1670	816.	48.9	590.	35.3	ug/Kgdrywt	32	50	22-82
Acenaphthene	1670	1140	68.3	1050	62.9	ug/Kgdrywt	8	50	45-105
2,4-Dinitrophenol	3330	1600	48.0	1420	42.6	ug/Kgdrywt	12	50	17-77
4-Nitrophenol	3330	3100	93.1	2740	82.3	ug/Kgdrywt	12	50	10-137
Dibenzofuran	1670	1240	74.2	1140	68.3	ug/Kgdrywt	8	50	51-111

LCS/LCSD Recovery Report

LCS ID: WG307878-2
LCSD ID: WG307878-3
SDG: SO6852
LCS File ID: U5495.D

Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307878
LCSD File ID: U5515.D

Analysis Date: 21-OCT-21
Analyst: JCG
Analysis Method: SW846 8270C
Matrix: SL
Report Date: 02-NOV-21

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
2,4-Dinitrotoluene	1670	1240	74.2	1160	69.5	ug/Kgdrywt	7	50	53-113
Diethylphthalate	1670	1270	76.0	1190	71.2	ug/Kgdrywt	6	50	57-117
4-Chlorophenyl-Phenylether	1670	1270	76.0	1150	68.9	ug/Kgdrywt	10	50	53-113
Fluorene	1670	1260	75.4	1180	70.6	ug/Kgdrywt	6	50	46-106
4-Nitroaniline	1670	1050	62.9	724.	43.4	ug/Kgdrywt	37	50	14-82
4,6-Dinitro-2-Methylphenol	3330	2610	78.4	2340	70.3	ug/Kgdrywt	11	50	39-99
N-Nitrosodiphenylamine	1670	1030	61.7	939.	56.2	ug/Kgdrywt	9	50	44-104
4-Bromophenyl-Phenylether	1670	1370	82.0	1270	76.0	ug/Kgdrywt	8	50	46-106
Hexachlorobenzene	1670	1290	77.2	1220	73.0	ug/Kgdrywt	6	50	49-109
Pentachlorophenol	3330	2930	88.0	2700	81.1	ug/Kgdrywt	8	50	37-97
Phenanthrene	1670	1360	81.4	1340	80.2	ug/Kgdrywt	1	50	51-111
Anthracene	1670	1230	73.6	1120	67.1	ug/Kgdrywt	9	50	49-109
Carbazole	1670	1360	81.4	1240	74.2	ug/Kgdrywt	9	50	50-110
Di-N-Butylphthalate	1670	1340	80.2	1240	74.2	ug/Kgdrywt	8	50	53-113
Fluoranthene	1670	1310	78.4	1120	67.1	ug/Kgdrywt	16	50	47-107
Pyrene	1670	1210	72.4	1360	81.4	ug/Kgdrywt	12	50	58-118
Butylbenzylphthalate	1670	1240	74.2	1340	80.2	ug/Kgdrywt	8	50	63-123
3,3'-Dichlorobenzidine	3330	1570	47.1	899.	27.0	ug/Kgdrywt	54*	50	10-70
Benzo(a)anthracene	1670	1200	71.8	1150	68.9	ug/Kgdrywt	4	50	50-110
Chrysene	1670	1310	78.4	1260	75.4	ug/Kgdrywt	4	50	55-115
Bis(2-Ethylhexyl)Phthalate	1670	1230	73.6	1240	74.2	ug/Kgdrywt	1	50	38-138
Di-N-Octylphthalate	1670	1130	67.7	1140	68.3	ug/Kgdrywt	1	50	46-123
Benzo(b)fluoranthene	1670	1200	71.8	1120	67.1	ug/Kgdrywt	7	50	46-116
Benzo(k)fluoranthene	1670	1260	75.4	1260	75.4	ug/Kgdrywt	0	50	60-120
Benzo(a)pyrene	1670	1020	61.1	925.	55.4	ug/Kgdrywt	10	50	53-113
Indeno(1,2,3-cd)pyrene	1670	1240	74.2	1050	62.9	ug/Kgdrywt	16	50	32-92
Dibenzo(a,h)anthracene	1670	1150	68.9	1010	60.5	ug/Kgdrywt	13	50	40-100
Benzo(g,h,i)perylene	1670	1150	68.9	995.	59.6	ug/Kgdrywt	14	50	40-125
2-Fluorophenol			60.1		46.7				19-81
Phenol-d6			59.9		48.5				25-82
Nitrobenzene-d5			61.8		49.5				24-81
2-Fluorobiphenyl			68.5		57.9				29-83
2,4,6-Tribromophenol			73.7		68.3				16-103
Terphenyl-d14			76.4		88.5				24-136

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: 10J10246.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307656

Analysis Date: 20-OCT-21
Analyst: DT/BF
Analysis Method: SW846 8081B
Matrix: SL
% Solids: 82.
Report Date: 27-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
alpha-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
gamma-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
Heptachlor	U	2.0	ug/Kgdrywt	1	1.7	2.0
Aldrin	U	2.0	ug/Kgdrywt	1	1.7	2.0
beta-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
delta-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
Heptachlor Epoxide	U	2.0	ug/Kgdrywt	1	1.7	2.0
Endosulfan I	U	2.0	ug/Kgdrywt	1	1.7	2.0
Gamma-Chlordane	U	2.0	ug/Kgdrywt	1	1.7	2.0
Alpha-Chlordane	U	2.0	ug/Kgdrywt	1	1.7	2.0
4,4'-DDE	J	66	ug/Kgdrywt	1	3.3	3.8
Dieldrin	U	3.8	ug/Kgdrywt	1	3.3	3.8
Endrin	U	3.8	ug/Kgdrywt	1	3.3	3.8
4,4'-DDD	U	3.8	ug/Kgdrywt	1	3.3	3.8
Endosulfan II	U	3.8	ug/Kgdrywt	1	3.3	3.8
4,4'-DDT	E	950	ug/Kgdrywt	1	3.3	3.8
Endrin Aldehyde	U	3.8	ug/Kgdrywt	1	3.3	3.8
Endosulfan Sulfate	EJ	510	ug/Kgdrywt	1	3.3	3.8
Methoxychlor	U	20	ug/Kgdrywt	1	17	20.
Endrin Ketone	U	3.8	ug/Kgdrywt	1	3.3	3.8
Toxaphene	U	38	ug/Kgdrywt	1	33	38.
Tetrachloro-M-Xylene		57.9	%			
Decachlorobiphenyl		85.8	%			

Form 10
Compound Identification Summary

Lab Name : Katahdin Analytical Services

Project : DEPC Smith Meddy

SDG : SO6852

Lab Sample ID : SO6852-1

Client Sample ID : PCB SOIL

Column A
Instrument ID : GC01
Date Analyzed : 10/20/21
Time Analyzed : 05:48

Column B
Instrument ID : GC01
Date Analyzed : 10/20/21
Time Analyzed : 05:48

Analyte	Column	RT	Concentration	RPD
4,4' -DDE	A	7.6	65.9	
	B	7.56	26	86.8
4,4' -DDT	A	8.81	810	
	B	8.79	951	16
Endosulfan Sulfate	A	8.97	300	
	B	9.25	507	51.3

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1DL
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: 1OJ10332.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307656

Analysis Date: 22-OCT-21
Analyst: DT/BF
Analysis Method: SW846 8081B
Matrix: SL
% Solids: 82.
Report Date: 27-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
alpha-BHC	U	40	ug/Kgdrywt	20	1.7	40.
gamma-BHC	U	40	ug/Kgdrywt	20	1.7	40.
Heptachlor	U	40	ug/Kgdrywt	20	1.7	40.
Aldrin	U	40	ug/Kgdrywt	20	1.7	40.
beta-BHC	U	40	ug/Kgdrywt	20	1.7	40.
delta-BHC	U	40	ug/Kgdrywt	20	1.7	40.
Heptachlor Epoxide	U	40	ug/Kgdrywt	20	1.7	40.
Endosulfan I	U	40	ug/Kgdrywt	20	1.7	40.
Gamma-Chlordane	U	40	ug/Kgdrywt	20	1.7	40.
Alpha-Chlordane	U	40	ug/Kgdrywt	20	1.7	40.
4,4'-DDE	U	77	ug/Kgdrywt	20	3.3	77.
Dieldrin	U	77	ug/Kgdrywt	20	3.3	77.
Endrin	U	77	ug/Kgdrywt	20	3.3	77.
4,4'-DDD	U	77	ug/Kgdrywt	20	3.3	77.
Endosulfan II	U	77	ug/Kgdrywt	20	3.3	77.
4,4'-DDT	EJ	2000	ug/Kgdrywt	20	3.3	77.
Endrin Aldehyde	U	77	ug/Kgdrywt	20	3.3	77.
Endosulfan Sulfate	J	840	ug/Kgdrywt	20	3.3	77.
Methoxychlor	U	400	ug/Kgdrywt	20	17	400
Endrin Ketone	U	77	ug/Kgdrywt	20	3.3	77.
Toxaphene	U	770	ug/Kgdrywt	20	33	770
Tetrachloro-M-Xylene	D	0.00	%			
Decachlorobiphenyl	D	0.00	%			

Form 10
Compound Identification Summary

Lab Name : Katahdin Analytical Services

Project : DEPC Smith Meddy

SDG : SO6852

Lab Sample ID : SO6852-1DL

Client Sample ID : PCB SOIL

Column A
Instrument ID : GC01
Date Analyzed : 10/22/21
Time Analyzed : 22:35

Column B
Instrument ID : GC01
Date Analyzed : 10/22/21
Time Analyzed : 22:35

Analyte	Column	RT	Concentration	RPD
4,4'-DDT	A	8.8	1320	
	B	8.79	1990	40.5
Endosulfan Sulfate	A	8.97	438	
	B	9.24	844	63.3

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEPC Smith Meddy
Lab File ID : 1OJ10217.D
Matrix : SL
Column A
Instrument ID : GC01
Date Analyzed : 19-OCT-21
Time Analyzed : 20:13

SDG : SO6852
Lab Sample ID : WG307656-1
Date Extracted : 11-OCT-21
Extraction Method : SW846 3550C
Column B
Instrument ID : GC01
Date Analyzed : 19-OCT-21
Time Analyzed : 20:13

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG307656-2	1OJ10218.I	10/19/21	20:33
PCB SOIL	SO6852-1	1OJ10246.I	10/20/21	05:48
PCB SOIL	SO6852-1DL	1OJ10332.I	10/22/21	22:35

Report of Analytical Results

Lab ID: WG307656-1
Client ID: Method Blank
SDG: SO6852
Lab File ID: 1OJ10217.D

Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307656
% Solids: NA

Analysis Date: 19-OCT-21
Analyst: DT/BF
Analysis Method: SW846 8081B
Matrix: SL
Report Date: 27-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
alpha-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
gamma-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
Heptachlor	U	1.7	ug/Kgdrywt	1	1.7	1.7
Aldrin	U	1.7	ug/Kgdrywt	1	1.7	1.7
beta-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
delta-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
Heptachlor Epoxide	U	1.7	ug/Kgdrywt	1	1.7	1.7
Endosulfan I	U	1.7	ug/Kgdrywt	1	1.7	1.7
Gamma-Chlordane	U	1.7	ug/Kgdrywt	1	1.7	1.7
Alpha-Chlordane	U	1.7	ug/Kgdrywt	1	1.7	1.7
4,4'-DDE	U	3.3	ug/Kgdrywt	1	3.3	3.3
Dieldrin	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endrin	U	3.3	ug/Kgdrywt	1	3.3	3.3
4,4'-DDD	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endosulfan II	U	3.3	ug/Kgdrywt	1	3.3	3.3
4,4'-DDT	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endrin Aldehyde	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endosulfan Sulfate	U	3.3	ug/Kgdrywt	1	3.3	3.3
Methoxychlor	U	17	ug/Kgdrywt	1	17	17.
Endrin Ketone	U	3.3	ug/Kgdrywt	1	3.3	3.3
Toxaphene	U	33	ug/Kgdrywt	1	33	33.
Tetrachloro-M-Xylene		70.3	%			
Decachlorobiphenyl		88.6	%			

LCS Recovery Report

Lab ID: WG307656-2
Client ID: LCS
SDG: SO6852
LCS File ID: 10J10218.D
Report Date: 27-OCT-21

Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307656

Analysis Date: 19-OCT-21
Analyst: DT/BF
Analysis Method: SW846 8081B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
alpha-BHC	89.2	16.7	14.9	ug/Kgdrywt	46-117
gamma-BHC	87.4	16.7	14.6	ug/Kgdrywt	51-117
Heptachlor	86.2	16.7	14.4	ug/Kgdrywt	55-111
Aldrin	80.2	16.7	13.4	ug/Kgdrywt	50-116
beta-BHC	89.8	16.7	15.0	ug/Kgdrywt	55-116
delta-BHC	94.6	16.7	15.8	ug/Kgdrywt	53-118
Heptachlor Epoxide	91.0	16.7	15.2	ug/Kgdrywt	55-116
Endosulfan I	93.4	16.7	15.6	ug/Kgdrywt	57-111
Gamma-Chlordane	J 78.4	16.7	13.1	ug/Kgdrywt	59-117
Alpha-Chlordane	87.4	16.7	14.6	ug/Kgdrywt	61-118
4,4' -DDE	91.6	16.7	15.3	ug/Kgdrywt	61-119
Dieldrin	86.2	16.7	14.4	ug/Kgdrywt	57-114
Endrin	95.8	16.7	16.0	ug/Kgdrywt	59-113
4,4' -DDD	91.0	16.7	15.2	ug/Kgdrywt	65-116
Endosulfan II	96.4	16.7	16.1	ug/Kgdrywt	62-114
4,4' -DDT	95.8	16.7	16.0	ug/Kgdrywt	65-109
Endrin Aldehyde	91.0	16.7	15.2	ug/Kgdrywt	51-116
Endosulfan Sulfate	100.	16.7	16.8	ug/Kgdrywt	61-108
Methoxychlor	94.0	16.7	15.7	ug/Kgdrywt	58-108
Endrin Ketone	108.	16.7	18.1	ug/Kgdrywt	57-120
Tetrachloro-M-Xylene	70.6				27-122
Decachlorobiphenyl	88.9				33-119

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1DL
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: 7OJ290.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307877

Analysis Date: 20-OCT-21
Analyst: DT/SE
Analysis Method: SW846 8082A
Matrix: SL
% Solids: 82.
Report Date: 24-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Aroclor-1016	U	200	ug/Kgdrywt	10	16.7	200
Aroclor-1221	U	200	ug/Kgdrywt	10	16.7	200
Aroclor-1232	U	200	ug/Kgdrywt	10	16.7	200
Aroclor-1242	U	200	ug/Kgdrywt	10	16.7	200
Aroclor-1248	U	200	ug/Kgdrywt	10	16.7	200
Aroclor-1254	U	200	ug/Kgdrywt	10	16.7	200
Aroclor-1260		21000	ug/Kgdrywt	10	16.7	200
Tetrachloro-M-Xylene	D	0.00	%			
Decachlorobiphenyl	D	0.00	%			

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEPC Smith Meddy
Lab File ID : 7OJ257.D
Matrix : SL
Column A
Instrument ID : GC07
Date Analyzed : 18-OCT-21
Time Analyzed : 09:07

SDG : SO6852
Lab Sample ID : WG307877-1
Date Extracted : 14-OCT-21
Extraction Method : SW846 3550C
Column B
Instrument ID : GC07
Date Analyzed : 18-OCT-21
Time Analyzed : 09:07

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG307877-2	7OJ258.D	10/18/21	09:35
PCB SOIL	SO6852-1DL	7OJ290.D	10/20/21	18:30

Report of Analytical Results

Lab ID: WG307877-1
Client ID: Method Blank
SDG: SO6852
Lab File ID: 7OJ257.D

Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307877
% Solids: NA

Analysis Date: 18-OCT-21
Analyst: DT/SE
Analysis Method: SW846 8082A
Matrix: SL
Report Date: 21-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Aroclor-1016	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1221	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1232	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1242	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1248	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1254	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1260	U	17	ug/Kgdrywt	1	16.7	17.
Tetrachloro-M-Xylene		89.8	%			
Decachlorobiphenyl		119.	%			

LCS Recovery Report

Lab ID: WG307877-2
Client ID: LCS
SDG: SO6852
LCS File ID: 70J258.D
Report Date: 21-OCT-21

Extract Date: 14-OCT-21
Extracted By: SR/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307877

Analysis Date: 18-OCT-21
Analyst: DT/SE
Analysis Method: SW846 8082A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Aroclor-1016	122.	167.	203.	ug/Kgdrywt	53-123
Aroclor-1260	* 135.	167.	226.	ug/Kgdrywt	58-120
Tetrachloro-M-Xylene	89.2				56-115
Decachlorobiphenyl	110.				59-124

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO6852-1
Client ID: PCB SOIL
Project: DEPC Smith Meddy
SDG: SO6852
Lab File ID: 8OJ00076.D

Sample Date: 05-OCT-21
Received Date: 07-OCT-21
Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307497

Analysis Date: 13-OCT-21
Analyst: JLP
Analysis Method: SW846 8151A
Matrix: SL
% Solids: 82.
Report Date: 21-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dalapon	U	180	ug/Kgdrywt	1	154	180
Dicamba	U	39	ug/Kgdrywt	1	32.7	39.
MCPP	U	3700	ug/Kgdrywt	1	3100	3700
MCPA	U	5500	ug/Kgdrywt	1	4670	5500
Dichloroprop	U	75	ug/Kgdrywt	1	63.2	75.
2,4-D	U	75	ug/Kgdrywt	1	63	75.
Silvex	U	37	ug/Kgdrywt	1	31.4	37.
2,4,5-T	U	37	ug/Kgdrywt	1	31.3	37.
2,4-DB	U	37	ug/Kgdrywt	1	31.2	37.
Dinoseb	U	190	ug/Kgdrywt	1	161	190
2,4-DichlorophenylAcetic Acid		56.6	%			

Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEPC Smith Meddy
Lab File ID : 8OJ00071.D
Matrix : SL
Column A
Instrument ID : GC08
Date Analyzed : 13-OCT-21
Time Analyzed : 16:09

SDG : SO6852
Lab Sample ID : WG307497-1
Date Extracted : 11-OCT-21
Extraction Method : SW846 3550C
Column B
Instrument ID : GC08
Date Analyzed : 13-OCT-21
Time Analyzed : 16:09

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG307497-2	8OJ00072.I	10/13/21	16:32
Laboratory Control S	WG307497-3	8OJ00073.I	10/13/21	16:55
PCB SOIL	SO6852-1	8OJ00076.I	10/13/21	18:04

Report of Analytical Results

Lab ID: WG307497-1
Client ID: Method Blank
SDG: SO6852
Lab File ID: 8OJ00071.D

Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307497
% Solids: NA

Analysis Date: 13-OCT-21
Analyst: JLP
Analysis Method: SW846 8151A
Matrix: SL
Report Date: 21-OCT-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dalapon	U	150	ug/Kgdrywt	1	154	150
Dicamba	U	33	ug/Kgdrywt	1	32.7	33.
MCPD	U	3100	ug/Kgdrywt	1	3100	3100
MCPA	U	4700	ug/Kgdrywt	1	4670	4700
Dichloroprop	U	63	ug/Kgdrywt	1	63.2	63.
2,4-D	U	63	ug/Kgdrywt	1	63	63.
Silvex	U	31	ug/Kgdrywt	1	31.4	31.
2,4,5-T	U	31	ug/Kgdrywt	1	31.3	31.
2,4-DB	U	31	ug/Kgdrywt	1	31.2	31.
Dinoseb	U	160	ug/Kgdrywt	1	161	160
2,4-DichlorophenylAcetic Acid		99.4	%			

LCS/LCSD Recovery Report

LCS ID: WG307497-2
LCSD ID: WG307497-3
SDG: SO6852
LCS File ID: 8OJ00072.D

Extract Date: 11-OCT-21
Extracted By: KE/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG307497
LCSD File ID: 8OJ00073.D

Analysis Date: 13-OCT-21
Analyst: JLP
Analysis Method: SW846 8151A
Matrix: SL
Report Date: 21-OCT-21

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Dalapon	167.	84.0	50.3	90.8	54.4	ug/Kgdrywt	8	50	15-114
Dicamba	167.	155.	92.8	165.	98.8	ug/Kgdrywt	6	50	47-112
MCPD	16700	21600	129.	23900	143.*	ug/Kgdrywt	10	50	52-142
MCPA	16700	15100	90.4	16300	97.6	ug/Kgdrywt	8	50	44-121
Dichloroprop	167.	156.	93.4	170.	102.	ug/Kgdrywt	8	50	63-113
2,4-D	167.	173.	104.	187.	112.	ug/Kgdrywt	8	50	40-138
Silvex	167.	155.	92.8	169.	101.	ug/Kgdrywt	9	50	60-110
2,4,5-T	167.	164.	98.2	175.	105.	ug/Kgdrywt	6	50	36-135
2,4-DB	167.	189.	113.	207.	124.*	ug/Kgdrywt	9	50	44-121
Dinoseb	167.	99.7	59.7	104.	62.3	ug/Kgdrywt	4	50	5-130
2,4-DichlorophenylAcetic Acid			110.		111.				44-119



REPORT OF ANALYTICAL RESULTS

Client: Aaron Brignull
 Campbell Environmental Group
 173 Gray Road
 Falmouth, ME 04105

Lab Sample ID: SO6852-001
Report Date: 10/29/2021
Project: DEPC Smith Meddy

Sample Description	Matrix	Filtered	Date Sampled	Date Received
PCB SOIL	AQ	No(Total)	10/05/2021	10/07/2021

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC, TCLP	U 0.04	mg/L	0.04	1	0.008	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	1
BARIUM, TCLP	0.446	mg/L	0.025	1	0.005	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	
CADMIUM, TCLP	U 0.0250	mg/L	0.0250	1	0.005	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	1
CHROMIUM, TCLP	U 0.0500	mg/L	0.0500	1	0.01	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	1
LEAD, TCLP	0.12	mg/L	0.02	1	0.005	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	
MERCURY, TCLP	U 0.20	ug/L	0.20	1	0.2	SW846 7470	10/25/21	JT	SW846 7470	10/25/21	JT	OJ25HGW2	
SELENIUM, TCLP	U 0.050	mg/L	0.050	1	0.01	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	1
SILVER, TCLP	U 0.0500	mg/L	0.0500	1	0.01	SW846 6010	10/14/21	EP	SW846 3010	10/13/21	JT	OJ13ICW1	1

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.



PREPARATION BLANK REPORT

Sample ID: PBWOJ13ICW1

Batch ID: OJ13ICW1

Work Order: SO6852

Element Name	Flag	Result	Units	PQL	MDL	File
ARSENIC	J	0.002	mg/L	0.008	0.0014	IOJ14B
BARIUM	U	0.0050	mg/L	0.0050	0.00023	IOJ14B
CADMIUM	J	0.00007	mg/L	0.00500	0.000049	IOJ14B
CHROMIUM	J	0.0008	mg/L	0.0100	0.00036	IOJ14B
LEAD	U	0.005	mg/L	0.005	0.0011	IOJ14B
SELENIUM	U	0.010	mg/L	0.010	0.0024	IOJ14B
SILVER	U	0.0100	mg/L	0.0100	0.00026	IOJ14B

U The analyte was not detected in the sample at a level greater than the method detection limit.

J The analyte was detected in the sample at a concentration greater than the method detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



PREPARATION BLANK REPORT

Sample ID: PBWOJ25HGW2

Batch ID: OJ25HGW2

Work Order: SO6852

Element Name	Flag	Result	Units	PQL	MDL	File
MERCURY	U	0.20	ug/L	0.20	0.013	HOJ25A

- U The analyte was not detected in the sample at a level greater than the method detection limit.
- J The analyte was detected in the sample at a concentration greater than the method detection limit, but less than the laboratory's Practical Quantitation Level.
- H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSWOJ13ICW1

Batch ID: OJ13ICW1

Work Order: SO6852

Element Name	True Value	Result	Units	Recovery(%)	Flag	EPA Limits	DoD Limits	File
ARSENIC	0.100	0.103	mg/L	103.0		80-120	87-113	IOJ14B
BARIUM	2.00	2.15	mg/L	107.5		80-120	88-113	IOJ14B
CADMIUM	0.250	0.263	mg/L	105.2		80-120	88-113	IOJ14B
CHROMIUM	0.200	0.210	mg/L	105.0		80-120	90-113	IOJ14B
LEAD	0.100	0.108	mg/L	108.0		80-120	86-113	IOJ14B
SELENIUM	0.100	0.102	mg/L	102.0		80-120	83-114	IOJ14B
SILVER	0.0500	0.0510	mg/L	102.0		80-120	84-115	IOJ14B

- D Laboratory control sample recovery is outside DoD acceptance limits.
- S Laboratory control sample recovery is outside EPA acceptance limits.
- N Laboratory control sample recovery is outside DoD and EPA acceptance limits.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSWOJ25HGW2

Batch ID: OJ25HGW2

Work Order: SO6852

Element Name	True Value	Result	Units	Recovery(%)	Flag	EPA Limits	DoD Limits	File
MERCURY	5.00	5.36	ug/L	107.2		80-120	82-119	HOJ25A

- D Laboratory control sample recovery is outside DoD acceptance limits.
- S Laboratory control sample recovery is outside EPA acceptance limits.
- N Laboratory control sample recovery is outside DoD and EPA acceptance limits.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LC2WOJ13ICW1

Batch ID: OJ13ICW1

Work Order: SO6852

Element Name	True Value	Result	Units	Recovery(%)	Flag	EPA Limits	DoD Limits	File
ARSENIC	0.100	0.103	mg/L	103.0		80-120	87-113	IOJ14B
BARIUM	2.00	2.07	mg/L	103.5		80-120	88-113	IOJ14B
CADMIUM	0.250	0.266	mg/L	106.4		80-120	88-113	IOJ14B
CHROMIUM	0.200	0.211	mg/L	105.5		80-120	90-113	IOJ14B
LEAD	0.100	0.108	mg/L	108.0		80-120	86-113	IOJ14B
SELENIUM	0.100	0.104	mg/L	104.0		80-120	83-114	IOJ14B
SILVER	0.0500	0.0515	mg/L	103.0		80-120	84-115	IOJ14B

- D Laboratory control sample recovery is outside DoD acceptance limits.
- S Laboratory control sample recovery is outside EPA acceptance limits.
- N Laboratory control sample recovery is outside DoD and EPA acceptance limits.



EXTRACTION FLUID BLANK REPORT

Sample ID: PBT1713A

Work Order: SO6852

Element Name	Flag	Result	Units	PQL	MDL	File
ARSENIC	U	0.008	mg/L	0.04	0.0071	IOJ14B
BARIUM	H	0.0840	mg/L	0.025	0.0012	IOJ14B
CADMIUM	J	0.00060	mg/L	0.0250	0.00024	IOJ14B
CHROMIUM	J	0.004	mg/L	0.0500	0.0018	IOJ14B
LEAD	U	0.005	mg/L	0.02	0.0054	IOJ14B
MERCURY	U	0.20	ug/L	0.20	0.013	HOJ28A
SELENIUM	U	0.010	mg/L	0.050	0.012	IOJ14B
SILVER	U	0.0100	mg/L	0.0500	0.0013	IOJ14B

U The analyte was not detected in the sample at a level greater than the method detection limit.

J The analyte was detected in the sample at a concentration greater than the method detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



ANALYTICAL SERVICES

Report of Analytical Results

Client: Aaron Brignull
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

Lab Sample ID: SO6852-1
Report Date: 22-OCT-21
Project: DEPC Smith Meddy
SDG: SO6852

Sample Description

PCB SOIL

Matrix Date Sampled Date Received
SL 05-OCT-21 14:48:00 07-OCT-21

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Cyanide, Reactive	U20. mg/Kg	20.	0.16	SW846 7.3.3	WG308302	19-OCT-21 13:26:24	SW846 7.3.4	12-OCT-21	ES		ES
Ignitability	>71. Deg. C	71.	71.	SW846 1010A MOD	WG307990	15-OCT-21 11:22:00	N/A	N/A	ES		ES
Sulfide, Reactive	U50 mg/Kg	50	16.39	SW846 7.3.4	WG307745	12-OCT-21 11:42:00	SW846 7.3.4	12-OCT-21	JJ		JJ
Total Solids	82. %	1.0	N/A	SM2540G	WG308294	21-OCT-21 11:30:00	SM2540G	20-OCT-21	JJ		JJ
pH(Soil)	6.1 pH	0.10	0.10	SW846 9045D	WG307893	07-OCT-21 18:31:30	SW846 9045D	07-OCT-21	JL/ES		JL/ES

Quality Control Report

Blank Sample Summary Report

Cyanide, Reactive

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG308302	SW846 7.3.3	19-OCT-21	12-OCT-21	U 20. mg/Kg	20. mg/Kg

Ignitability

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG307990	SW846 1010A MOD	15-OCT-21	N/A	> 71. Deg. C	71. Deg. C

Sulfide, Reactive

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG307745	SW846 7.3.4	12-OCT-21	12-OCT-21	U 50. mg/Kg	50. mg/Kg

Total Solids

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG308294	SM2540G	21-OCT-21	20-OCT-21	100 %	1.0 %

Quality Control Report

Laboratory Control Sample Summary Report

Cyanide, Reactive

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG308302-2	LCS	WG308302	19-OCT-21	12-OCT-21	mg/Kg	20	J 6.5	32	0-100	

Ignitability

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG307990-2	LCS	WG307990	15-OCT-21	N/A	Deg. C	27	26.	96	80-120	
WG307990-3	LCSD	WG307990	15-OCT-21	N/A	Deg. C	27	27.	100	80-120	4

Sulfide, Reactive

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG307745-2	LCS	WG307745	12-OCT-21	12-OCT-21	mg/Kg	1415.1	1000	72	50-150	

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG308294-2	LCS	WG308294	21-OCT-21	20-OCT-21	%	90	90.	100	90-110	
WG308294-3	LCSD	WG308294	21-OCT-21	20-OCT-21	%	90	90.	100	90-110	0

pH(Soil)

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG307893-1	LCS	WG307893	07-OCT-21	07-OCT-21	pH	7	7.0	100	90-110	
WG307893-2	LCSD	WG307893	07-OCT-21	07-OCT-21	pH	7	7.0	100	90-110	0

Quality Control Report

Duplicate Sample Summary Report

Cyanide, Reactive

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG308302-3	SO6852-1	WG308302	19-OCT-21	mg/Kg	U 20.	U 20.	NC	20

Sulfide, Reactive

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG307745-3	SO6852-1	WG307745	12-OCT-21	mg/Kg	U 50	U 50.	NC	20

Total Solids

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG308294-4	SO6852-1	WG308294	21-OCT-21	%	82.	86.	5	

Quality Control Report

Matrix Spike Sample Summary Report

Cyanide, Reactive

Matrix Spike Sample ID	Sample Type	Original Sample ID	QC Batch	Analysis Date	Result Units	Spike Amount	Sample Result	MS Result	Recovery (%)	Recovery Limit
WG308302-4	MS	SO6852-1	WG308302	19-OCT-21	mg/Kg	20	U 20.	J 4.66	23	0 - 100

Sulfide, Reactive

Matrix Spike Sample ID	Sample Type	Original Sample ID	QC Batch	Analysis Date	Result Units	Spike Amount	Sample Result	MS Result	Recovery (%)	Recovery Limit
WG307745-4	MS	SO6852-1	WG307745	12-OCT-21	mg/Kg	1415.1	U 50	1010	69	30 - 120

Katahdin Analytical Services, LLC.

Sample Receipt Condition Report

Client: <i>Campbells</i>	KAS PM: <i>APL</i>	Sampled By: <i>cbent</i>
Project:	KIMS Entry By: <i>ym</i>	Delivered By: <i>cbent</i>
KAS Work Order#: <i>SO6852</i>	KIMS Review By: <i>APL</i>	Received By: <i>ym</i>
	Labeled By: <i>ym</i>	
SDG #:	Cooler: _____ of _____	Date/Time Rec.: <i>10/21/54</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?	/				
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?	/				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/	<i>(X)</i>			Temp (°C): <i>14.6</i> Thermometer ID: IR-1
Samples received at <6 °C w/o freezing?		/			Note: Not required for metals (except Hg soil) analysis.
Ice packs or ice present?		/			The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?		/			
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?		/			Note: No cooling process required for metals (except Hg soil) analysis.
6. Volatiles: Aqueous: No bubble larger than a pea? Soil/Sediment: Received in airtight container? Received in methanol? Methanol covering soil?				/	
D.I. Water - Received within 48 hour HT?				/	
7. Trip Blank present in cooler?				/	
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2 Sulfide - >9 Cyanide - pH >12				/	

11. Bottleneck Prepped on:

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments.



Katahdin Analytical Services
Login Chain of Custody Report (Ino1)

Oct. 08, 2021

02:59 PM

Login Number: SO6852

Account: CAMPBE001

Campbell Environmental Group

Project:

Quote/Incoming:

Login Information:

ANALYSIS INSTRUCTIONS :
CHECK NO. :
CLIENT PO# :
CLIENT PROJECT MANAGE :
CONTRACT :
COOLER TEMPERATURE : 14.6
DELIVERY SERVICES : Client
EDD FORMAT :
LOGIN INITIALS : GM
PM : APC
PROJECT NAME : DEPC Smith Meddy
QC LEVEL : II+
REPORT INSTRUCTIONS : sned report and invoice to Aaron Brignell
SDG ID :
SDG STATUS :
VERBAL TAT :

Primary Report Address:

Aaron Brignull
Campbell Environmental Group
173 Gray Road

Falmouth, ME 04105

abrignull@cegenvironmental.com

Primary Invoice Address:

Accounts Payable
Campbell Environmental Group
173 Gray Road

Falmouth, ME 04105

rcampbell@cegenvironmental.com

Report CC Addresses:

Invoice CC Addresses:

Oct. 08, 2021

02:59 PM

Login Number: SO6852

Quote/Incoming:

Account: CAMPBE001

Campbell Environmental Group

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	Verbal PR Date	Due Date	Mailed
SO6852-1	PCB SOIL	05-OCT-21 14:48	07-OCT-21		19-OCT-21	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Solid	S SW1010-IGNITABILITY	19-OCT-21	250mL Plastic			
Solid	S SW7.3.4-REAC CYANIDE	19-OCT-21	500mL P+ZnAc/NaOH			
Solid	S SW7.3.4-REAC SULFIDE	12-OCT-21	100g Glass			
Solid	S SW8081	19-OCT-21	100g Glass			
Solid	S SW8082	04-NOV-21	100g Glass			
Solid	S SW8151	19-OCT-21	100g Glass			
Solid	S SW8260FULL5ML	19-OCT-21	40 mL Vial+DI+MEOH			
Solid	S SW8270BNA	19-OCT-21	1L N-Amber Glass			
Solid	S SW9045C-PH SOIL	07-OCT-21	100g Glass			
Solid	P TCLP-METALS					
SW1311-EXT	SW3010-PREP-TCLP		TCLP-ARSENIC			
TCLP-BARIUM	TCLP-CADMIUM		TCLP-CHROMIUM			
TCLP-LEAD	TCLP-MERCURY		TCLP-SELENIUM			
TCLP-SILVER						

Total Samples: 1

Total Analyses: 10

December 29, 2021

Mr. Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

RE: Katahdin Lab Number: SO7841
Project ID: DEP Meddy
Project Manager: Mr. Alexander Croteau
Sample Receipt Date(s): November 10, 2021

Dear Mr. Campbell:

Please find enclosed the following information:

- * Report of Analysis (Analytical and/or Field)
- * Quality Control Data Summary
- * Chain of Custody (COC)
- * Login Report

A copy of the Chain of Custody is included in the paginated report. If requested, the original COC is attached as an addendum to this report.

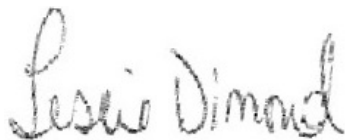
Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to <http://www.katahdinlab.com/cert> for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES



Leslie Dimond - Quality Assurance Officer

12/29/2021

Date

TECHNICAL NARRATIVE

Katahdin references the following versions of Standard Methods:

Hardness: SM 2340 B 2011

Total Solids: SM 2540 G 2011

Organics Analysis

The sample of Work Order # SO7841 was analyzed in accordance with Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA publication SW-846, Third Edition, Final Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), and V (2015), and/or for the specific methods listed below or on the Report of Analysis.

8082A Analysis

Sample SO7841-1DL had a high recovery for the extraction surrogate DCB that was outside of the laboratory established acceptance criteria. Since the recovery of the surrogate TCX was acceptable, no further action was taken.

Method blank WG310382-1 had high recoveries for DCB and TCX which were outside of the laboratory established acceptance criteria. Since this indicates a high bias, and no target analytes were detected in the method blank, no further action was taken.

8081B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS and LCSD are compared to these acceptance limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than ten percent of the client compound list.

The LCS WG310460-2 had a low recovery for the surrogate TCX that was outside of the laboratory established acceptance limits. Since the surrogate DCB was acceptable, no further action was taken.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

Katahdin Sample Number SO7841-1 is a solid-matrix sample that was subjected to TCLP extraction in accordance with USEPA Method 1311. The TCLP fluid blank associated with this sample is identified as PBT1716A. The measured barium concentration (0.041 mg/L) in the TCLP fluid blank PBT1716 A is above the laboratory's reporting limit. However, because the concentration of barium in the TCLP blank and in the associated TCLP extracts are well below the regulatory limit, reanalysis was not required.

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

- U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.
- Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.
- * Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.
- D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
- E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
- J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).
- or
- J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.
- B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
- C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).
- L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.
- M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.
- N Presumptive evidence of a compound based on a mass spectral library search.
- A Indicates that a tentatively identified compound is a suspected aldol-condensation product.
- P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: P9995.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	12	ug/Kgdrywt	1	10	12.
Chloromethane	U	12	ug/Kgdrywt	1	10	12.
Vinyl Chloride	U	12	ug/Kgdrywt	1	10	12.
Bromomethane	U	12	ug/Kgdrywt	1	10	12.
Chloroethane	U	12	ug/Kgdrywt	1	10	12.
Trichlorofluoromethane	U	12	ug/Kgdrywt	1	10	12.
1,1-Dichloroethene	U	5.9	ug/Kgdrywt	1	5	5.9
Methylene Chloride	E	5100	ug/Kgdrywt	1	25	30.
trans-1,2-Dichloroethene	U	5.9	ug/Kgdrywt	1	5	5.9
1,1-Dichloroethane	U	5.9	ug/Kgdrywt	1	5	5.9
cis-1,2-Dichloroethene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2-Dichloroethylene (Total)	U	12	ug/Kgdrywt	1	10	12.
2,2-Dichloropropane	U	5.9	ug/Kgdrywt	1	5	5.9
Chloroform	U	5.9	ug/Kgdrywt	1	5	5.9
Bromochloromethane	U	5.9	ug/Kgdrywt	1	5	5.9
1,1,1-Trichloroethane	U	5.9	ug/Kgdrywt	1	5	5.9
1,2-Dichloroethane	U	5.9	ug/Kgdrywt	1	5	5.9
1,1-Dichloropropene	U	5.9	ug/Kgdrywt	1	5	5.9
Carbon Tetrachloride	U	5.9	ug/Kgdrywt	1	5	5.9
Benzene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2-Dichloropropane	U	5.9	ug/Kgdrywt	1	5	5.9
Trichloroethene	U	5.9	ug/Kgdrywt	1	5	5.9
Dibromomethane	U	5.9	ug/Kgdrywt	1	5	5.9
Bromodichloromethane	U	5.9	ug/Kgdrywt	1	5	5.9
cis-1,3-Dichloropropene	U	5.9	ug/Kgdrywt	1	5	5.9
Toluene	U	5.9	ug/Kgdrywt	1	5	5.9
trans-1,3-Dichloropropene	U	5.9	ug/Kgdrywt	1	5	5.9
1,1,2-Trichloroethane	U	5.9	ug/Kgdrywt	1	5	5.9
1,3-Dichloropropane	U	5.9	ug/Kgdrywt	1	5	5.9
Dibromochloromethane	U	5.9	ug/Kgdrywt	1	5	5.9
Tetrachloroethene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2-Dibromoethane	U	5.9	ug/Kgdrywt	1	5	5.9
Chlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
1,1,1,2-Tetrachloroethane	U	5.9	ug/Kgdrywt	1	5	5.9
Ethylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: P9995.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	5.9	ug/Kgdrywt	1	5	5.9
Styrene	U	5.9	ug/Kgdrywt	1	5	5.9
1,1,2,2-Tetrachloroethane	U	5.9	ug/Kgdrywt	1	5	5.9
1,2,3-Trichloropropane	U	5.9	ug/Kgdrywt	1	5	5.9
Isopropylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
Bromobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
2-Chlorotoluene	U	5.9	ug/Kgdrywt	1	5	5.9
N-Propylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
4-Chlorotoluene	U	5.9	ug/Kgdrywt	1	5	5.9
1,3,5-Trimethylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
tert-Butylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2,4-Trichlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
sec-Butylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
1,3-Dichlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
P-Isopropyltoluene	U	5.9	ug/Kgdrywt	1	5	5.9
1,4-Dichlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2-Dichlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
N-Butylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2-Dibromo-3-Chloropropane	U	5.9	ug/Kgdrywt	1	5	5.9
1,2,4-Trimethylbenzene	U	5.9	ug/Kgdrywt	1	5	5.9
Naphthalene	U	5.9	ug/Kgdrywt	1	5	5.9
Hexachlorobutadiene	U	5.9	ug/Kgdrywt	1	5	5.9
1,2,3-Trichlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
Methyl tert-butyl Ether	U	5.9	ug/Kgdrywt	1	5	5.9
Acetone		850	ug/Kgdrywt	1	25	30.
2-Butanone	U	30	ug/Kgdrywt	1	25	30.
4-Methyl-2-Pentanone	U	30	ug/Kgdrywt	1	25	30.
2-Hexanone	U	30	ug/Kgdrywt	1	25	30.
m+p-Xylenes	U	12	ug/Kgdrywt	1	10	12.
o-Xylene	U	5.9	ug/Kgdrywt	1	5	5.9
Xylenes (Total)	U	18	ug/Kgdrywt	1	15	18.
1,3,5-Trichlorobenzene	U	5.9	ug/Kgdrywt	1	5	5.9
Vinyl Acetate	U	5.9	ug/Kgdrywt	1	5	5.9
Carbon Disulfide	U	5.9	ug/Kgdrywt	1	5	5.9
Diethyl Ether	U	5.9	ug/Kgdrywt	1	5	5.9

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: P9995.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	59	ug/Kgdrywt	1	50	59.
Dibromofluoromethane		114.	%			
1,2-Dichloroethane-d4		121.	%			
Toluene-d8		98.4	%			
P-Bromofluorobenzene		96.0	%			

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1DL
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: T4158.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	1400	ug/Kgdrywt	1	10	1400
Chloromethane	U	1400	ug/Kgdrywt	1	10	1400
Vinyl Chloride	U	1400	ug/Kgdrywt	1	10	1400
Bromomethane	U	1400	ug/Kgdrywt	1	10	1400
Chloroethane	U	1400	ug/Kgdrywt	1	10	1400
Trichlorofluoromethane	U	1400	ug/Kgdrywt	1	10	1400
1,1-Dichloroethene	U	690	ug/Kgdrywt	1	5	690
Methylene Chloride	U	3400	ug/Kgdrywt	1	25	3400
trans-1,2-Dichloroethene	U	690	ug/Kgdrywt	1	5	690
1,1-Dichloroethane	U	690	ug/Kgdrywt	1	5	690
cis-1,2-Dichloroethene	U	690	ug/Kgdrywt	1	5	690
1,2-Dichloroethylene (Total)	U	1400	ug/Kgdrywt	1	10	1400
2,2-Dichloropropane	U	690	ug/Kgdrywt	1	5	690
Chloroform	U	690	ug/Kgdrywt	1	5	690
Bromochloromethane	U	690	ug/Kgdrywt	1	5	690
1,1,1-Trichloroethane	U	690	ug/Kgdrywt	1	5	690
1,2-Dichloroethane	U	690	ug/Kgdrywt	1	5	690
1,1-Dichloropropene	U	690	ug/Kgdrywt	1	5	690
Carbon Tetrachloride	U	690	ug/Kgdrywt	1	5	690
Benzene	U	690	ug/Kgdrywt	1	5	690
1,2-Dichloropropane	U	690	ug/Kgdrywt	1	5	690
Trichloroethene	U	690	ug/Kgdrywt	1	5	690
Dibromomethane	U	690	ug/Kgdrywt	1	5	690
Bromodichloromethane	U	690	ug/Kgdrywt	1	5	690
cis-1,3-Dichloropropene	U	690	ug/Kgdrywt	1	5	690
Toluene	U	690	ug/Kgdrywt	1	5	690
trans-1,3-Dichloropropene	U	690	ug/Kgdrywt	1	5	690
1,1,2-Trichloroethane	U	690	ug/Kgdrywt	1	5	690
1,3-Dichloropropane	U	690	ug/Kgdrywt	1	5	690
Dibromochloromethane	U	690	ug/Kgdrywt	1	5	690
Tetrachloroethene	U	690	ug/Kgdrywt	1	5	690
1,2-Dibromoethane	U	690	ug/Kgdrywt	1	5	690
Chlorobenzene	U	690	ug/Kgdrywt	1	5	690
1,1,1,2-Tetrachloroethane	U	690	ug/Kgdrywt	1	5	690
Ethylbenzene	U	690	ug/Kgdrywt	1	5	690

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1DL
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: T4158.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	690	ug/Kgdrywt	1	5	690
Styrene	U	690	ug/Kgdrywt	1	5	690
1,1,2,2-Tetrachloroethane	U	690	ug/Kgdrywt	1	5	690
1,2,3-Trichloropropane	U	690	ug/Kgdrywt	1	5	690
Isopropylbenzene	U	690	ug/Kgdrywt	1	5	690
Bromobenzene	U	690	ug/Kgdrywt	1	5	690
2-Chlorotoluene	U	690	ug/Kgdrywt	1	5	690
N-Propylbenzene	U	690	ug/Kgdrywt	1	5	690
4-Chlorotoluene	U	690	ug/Kgdrywt	1	5	690
1,3,5-Trimethylbenzene	U	690	ug/Kgdrywt	1	5	690
tert-Butylbenzene	U	690	ug/Kgdrywt	1	5	690
1,2,4-Trichlorobenzene	U	690	ug/Kgdrywt	1	5	690
sec-Butylbenzene	U	690	ug/Kgdrywt	1	5	690
1,3-Dichlorobenzene	U	690	ug/Kgdrywt	1	5	690
P-Isopropyltoluene	U	690	ug/Kgdrywt	1	5	690
1,4-Dichlorobenzene	U	690	ug/Kgdrywt	1	5	690
1,2-Dichlorobenzene	U	690	ug/Kgdrywt	1	5	690
N-Butylbenzene	U	690	ug/Kgdrywt	1	5	690
1,2-Dibromo-3-Chloropropane	U	690	ug/Kgdrywt	1	5	690
1,2,4-Trimethylbenzene	U	690	ug/Kgdrywt	1	5	690
Naphthalene	U	690	ug/Kgdrywt	1	5	690
Hexachlorobutadiene	U	690	ug/Kgdrywt	1	5	690
1,2,3-Trichlorobenzene	U	690	ug/Kgdrywt	1	5	690
Methyl tert-butyl Ether	U	690	ug/Kgdrywt	1	5	690
Acetone	U	3400	ug/Kgdrywt	1	25	3400
2-Butanone	U	3400	ug/Kgdrywt	1	25	3400
4-Methyl-2-Pentanone	U	3400	ug/Kgdrywt	1	25	3400
2-Hexanone	U	3400	ug/Kgdrywt	1	25	3400
m+p-Xylenes	U	1400	ug/Kgdrywt	1	10	1400
o-Xylene	U	690	ug/Kgdrywt	1	5	690
Xylenes (Total)	U	2100	ug/Kgdrywt	1	15	2100
1,3,5-Trichlorobenzene	U	690	ug/Kgdrywt	1	5	690
Vinyl Acetate	U	690	ug/Kgdrywt	1	5	690
Carbon Disulfide	U	690	ug/Kgdrywt	1	5	690
Diethyl Ether	U	690	ug/Kgdrywt	1	5	690

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1DL
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: T4158.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	6900	ug/Kgdrywt	1	50	6900
Dibromofluoromethane		110.	%			
1,2-Dichloroethane-d4		117.	%			
Toluene-d8		99.7	%			
P-Bromofluorobenzene		103.	%			

Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : DEP Meddy
Lab File ID : P9993.D
Instrument ID : GCMS-P
Heated Purge : Yes

SDG : SO7841
Lab Sample ID : WG309758-2
Date Analyzed : 12-NOV-21
Time Analyzed : 12:44

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG309758-1	P9990.D	11/12/21	11:18
R-50 WP	SO7841-1	P9995.D	11/12/21	13:52

Report of Analytical Results

Lab ID: WG309758-2
Client ID: Method Blank
SDG: SO7841
Lab File ID: P9993.D

Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758
% Solids: NA

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	10	ug/Kgdrywt	1	10	10.
Chloromethane	U	10	ug/Kgdrywt	1	10	10.
Vinyl Chloride	U	10	ug/Kgdrywt	1	10	10.
Bromomethane	U	10	ug/Kgdrywt	1	10	10.
Chloroethane	U	10	ug/Kgdrywt	1	10	10.
Trichlorofluoromethane	U	10	ug/Kgdrywt	1	10	10.
1,1-Dichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
Methylene Chloride	U	25	ug/Kgdrywt	1	25	25.
trans-1,2-Dichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1-Dichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
cis-1,2-Dichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichloroethylene (Total)	U	10	ug/Kgdrywt	1	10	10.
2,2-Dichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Chloroform	U	5.0	ug/Kgdrywt	1	5	5.0
Bromochloromethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,1-Trichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,1-Dichloropropene	U	5.0	ug/Kgdrywt	1	5	5.0
Carbon Tetrachloride	U	5.0	ug/Kgdrywt	1	5	5.0
Benzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Trichloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
Dibromomethane	U	5.0	ug/Kgdrywt	1	5	5.0
Bromodichloromethane	U	5.0	ug/Kgdrywt	1	5	5.0
cis-1,3-Dichloropropene	U	5.0	ug/Kgdrywt	1	5	5.0
Toluene	U	5.0	ug/Kgdrywt	1	5	5.0
trans-1,3-Dichloropropene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,2-Trichloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,3-Dichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Dibromochloromethane	U	5.0	ug/Kgdrywt	1	5	5.0
Tetrachloroethene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dibromoethane	U	5.0	ug/Kgdrywt	1	5	5.0
Chlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,1,2-Tetrachloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
Ethylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0

Report of Analytical Results

Lab ID: WG309758-2
Client ID: Method Blank
SDG: SO7841
Lab File ID: P9993.D

Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758
% Solids: NA

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	5.0	ug/Kgdrywt	1	5	5.0
Styrene	U	5.0	ug/Kgdrywt	1	5	5.0
1,1,2,2-Tetrachloroethane	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,3-Trichloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
Isopropylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Bromobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
2-Chlorotoluene	U	5.0	ug/Kgdrywt	1	5	5.0
N-Propylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
4-Chlorotoluene	U	5.0	ug/Kgdrywt	1	5	5.0
1,3,5-Trimethylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
tert-Butylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,4-Trichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
sec-Butylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,3-Dichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
P-Isopropyltoluene	U	5.0	ug/Kgdrywt	1	5	5.0
1,4-Dichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
N-Butylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2-Dibromo-3-Chloropropane	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,4-Trimethylbenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Naphthalene	U	5.0	ug/Kgdrywt	1	5	5.0
Hexachlorobutadiene	U	5.0	ug/Kgdrywt	1	5	5.0
1,2,3-Trichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Methyl tert-butyl Ether	U	5.0	ug/Kgdrywt	1	5	5.0
Acetone	U	25	ug/Kgdrywt	1	25	25.
2-Butanone	U	25	ug/Kgdrywt	1	25	25.
4-Methyl-2-Pentanone	U	25	ug/Kgdrywt	1	25	25.
2-Hexanone	U	25	ug/Kgdrywt	1	25	25.
m+p-Xylenes	U	10	ug/Kgdrywt	1	10	10.
o-Xylene	U	5.0	ug/Kgdrywt	1	5	5.0
Xylenes (Total)	U	15	ug/Kgdrywt	1	15	15.
1,3,5-Trichlorobenzene	U	5.0	ug/Kgdrywt	1	5	5.0
Vinyl Acetate	U	5.0	ug/Kgdrywt	1	5	5.0
Carbon Disulfide	U	5.0	ug/Kgdrywt	1	5	5.0
Diethyl Ether	U	5.0	ug/Kgdrywt	1	5	5.0

Report of Analytical Results

Lab ID: WG309758-2
Client ID: Method Blank
SDG: SO7841
Lab File ID: P9993.D

Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758
% Solids: NA

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	50	ug/Kgdrywt	1	50	50.
Dibromofluoromethane		107.	%			
1,2-Dichloroethane-d4		109.	%			
Toluene-d8		100.	%			
P-Bromofluorobenzene		101.	%			

LCS Recovery Report

Lab ID: WG309758-1
Client ID: LCS
SDG: SO7841
LCS File ID: P9990.D
Report Date: 01-DEC-21

Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dichlorodifluoromethane	64.4	50.0	32.2	ug/Kgdrywt	45-167
Chloromethane	73.0	50.0	36.5	ug/Kgdrywt	69-127
Vinyl Chloride	83.0	50.0	41.5	ug/Kgdrywt	73-134
Bromomethane	95.8	50.0	47.9	ug/Kgdrywt	64-136
Chloroethane	85.8	50.0	42.9	ug/Kgdrywt	71-127
Trichlorofluoromethane	82.8	50.0	41.4	ug/Kgdrywt	73-145
1,1-Dichloroethene	88.2	50.0	44.1	ug/Kgdrywt	71-137
Methylene Chloride	96.2	50.0	48.1	ug/Kgdrywt	56-152
trans-1,2-Dichloroethene	92.6	50.0	46.3	ug/Kgdrywt	67-133
1,1-Dichloroethane	94.2	50.0	47.1	ug/Kgdrywt	75-126
cis-1,2-Dichloroethene	91.6	50.0	45.8	ug/Kgdrywt	82-123
1,2-Dichloroethylene (Total)	92.1	100.	92.1	ug/Kgdrywt	82-120
2,2-Dichloropropane	100.	50.0	50.1	ug/Kgdrywt	78-124
Chloroform	93.0	50.0	46.5	ug/Kgdrywt	83-118
Bromochloromethane	101.	50.0	50.7	ug/Kgdrywt	84-115
1,1,1-Trichloroethane	93.6	50.0	46.8	ug/Kgdrywt	80-120
1,2-Dichloroethane	96.0	50.0	48.0	ug/Kgdrywt	83-121
1,1-Dichloropropene	93.0	50.0	46.5	ug/Kgdrywt	81-119
Carbon Tetrachloride	89.6	50.0	44.8	ug/Kgdrywt	78-124
Benzene	94.6	50.0	47.3	ug/Kgdrywt	82-113
1,2-Dichloropropane	93.2	50.0	46.6	ug/Kgdrywt	84-115
Trichloroethene	95.2	50.0	47.6	ug/Kgdrywt	83-113
Dibromomethane	92.0	50.0	46.0	ug/Kgdrywt	85-118
Bromodichloromethane	95.2	50.0	47.6	ug/Kgdrywt	82-118
cis-1,3-Dichloropropene	103.	50.0	51.3	ug/Kgdrywt	80-115
Toluene	93.8	50.0	46.9	ug/Kgdrywt	80-113
trans-1,3-Dichloropropene	99.6	50.0	49.8	ug/Kgdrywt	87-136
1,1,2-Trichloroethane	91.6	50.0	45.8	ug/Kgdrywt	78-117
1,3-Dichloropropane	89.8	50.0	44.9	ug/Kgdrywt	80-114
Dibromochloromethane	89.2	50.0	44.6	ug/Kgdrywt	80-120
Tetrachloroethene	91.6	50.0	45.8	ug/Kgdrywt	73-122
1,2-Dibromoethane	95.2	50.0	47.6	ug/Kgdrywt	81-119
Chlorobenzene	90.6	50.0	45.3	ug/Kgdrywt	85-111
1,1,1,2-Tetrachloroethane	93.6	50.0	46.8	ug/Kgdrywt	83-114
Ethylbenzene	93.8	50.0	46.9	ug/Kgdrywt	81-112
Bromoform	89.8	50.0	44.9	ug/Kgdrywt	76-126

LCS Recovery Report

Lab ID: WG309758-1
Client ID: LCS
SDG: SO7841
LCS File ID: P9990.D
Report Date: 01-DEC-21

Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Styrene	97.2	50.0	48.6	ug/Kgdrywt	84-112
1,1,2,2-Tetrachloroethane	88.0	50.0	44.0	ug/Kgdrywt	78-122
1,2,3-Trichloropropane	90.2	50.0	45.1	ug/Kgdrywt	81-118
Isopropylbenzene	91.8	50.0	45.9	ug/Kgdrywt	89-136
Bromobenzene	90.2	50.0	45.1	ug/Kgdrywt	78-118
2-Chlorotoluene	90.6	50.0	45.3	ug/Kgdrywt	78-118
N-Propylbenzene	90.0	50.0	45.0	ug/Kgdrywt	77-121
4-Chlorotoluene	91.2	50.0	45.6	ug/Kgdrywt	77-121
1,3,5-Trimethylbenzene	91.0	50.0	45.5	ug/Kgdrywt	79-116
tert-Butylbenzene	91.2	50.0	45.6	ug/Kgdrywt	79-118
1,2,4-Trichlorobenzene	93.0	50.0	46.5	ug/Kgdrywt	61-135
sec-Butylbenzene	91.4	50.0	45.7	ug/Kgdrywt	75-122
1,3-Dichlorobenzene	91.6	50.0	45.8	ug/Kgdrywt	79-119
P-Isopropyltoluene	97.0	50.0	48.5	ug/Kgdrywt	80-124
1,4-Dichlorobenzene	89.2	50.0	44.6	ug/Kgdrywt	80-117
1,2-Dichlorobenzene	89.8	50.0	44.9	ug/Kgdrywt	76-118
N-Butylbenzene	98.2	50.0	49.1	ug/Kgdrywt	70-124
1,2-Dibromo-3-Chloropropane	95.4	50.0	47.7	ug/Kgdrywt	66-132
1,2,4-Trimethylbenzene	91.8	50.0	45.9	ug/Kgdrywt	76-115
Naphthalene	75.8	50.0	37.9	ug/Kgdrywt	51-131
Hexachlorobutadiene	95.2	50.0	47.6	ug/Kgdrywt	69-120
1,2,3-Trichlorobenzene	85.6	50.0	42.8	ug/Kgdrywt	55-134
Methyl tert-butyl Ether	96.8	50.0	48.4	ug/Kgdrywt	81-125
Acetone	97.6	50.0	48.8	ug/Kgdrywt	76-213
2-Butanone	88.6	50.0	44.3	ug/Kgdrywt	78-148
4-Methyl-2-Pentanone	91.4	50.0	45.7	ug/Kgdrywt	75-137
2-Hexanone	86.8	50.0	43.4	ug/Kgdrywt	72-149
m+p-Xylenes	93.3	100.	93.3	ug/Kgdrywt	80-115
o-Xylene	97.4	50.0	48.7	ug/Kgdrywt	82-115
Xylenes (Total)	94.7	150.	142.	ug/Kgdrywt	81-114
1,3,5-Trichlorobenzene	93.0	50.0	46.5	ug/Kgdrywt	64-133
Vinyl Acetate	95.8	50.0	47.9	ug/Kgdrywt	77-119
Carbon Disulfide	80.8	50.0	40.4	ug/Kgdrywt	69-138
Diethyl Ether	91.0	50.0	45.5	ug/Kgdrywt	76-135
Tetrahydrofuran	92.2	50.0	46.1	ug/Kgdrywt	78-137
Dibromofluoromethane	100.				64-130

LCS Recovery Report

Lab ID: WG309758-1
Client ID: LCS
SDG: SO7841
LCS File ID: P9990.D
Report Date: 01-DEC-21

Extract Date: 12-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5035
Lab Prep Batch: WG309758

Analysis Date: 12-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	100.				58-134
Toluene-d8	102.				67-118
P-Bromofluorobenzene	107.				47-119

Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : DEP Meddy
Lab File ID : T4149.D
Instrument ID : GCMS-T
Heated Purge : No

SDG : SO7841
Lab Sample ID : WG309927-2
Date Analyzed : 15-NOV-21
Time Analyzed : 10:28

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG309927-1	T4147.D	11/15/21	09:25
Methanol Blank	WG309927-7	T4150.D	11/15/21	10:55
R-50 WP	SO7841-1DL	T4158.D	11/15/21	14:42

Report of Analytical Results

Lab ID: WG309927-2
Client ID: Method Blank
SDG: SO7841
Lab File ID: T4149.D

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927
% Solids: NA

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	10.	ug/L	1	10	10.
Chloromethane	U	10.	ug/L	1	10	10.
Vinyl Chloride	U	10.	ug/L	1	10	10.
Bromomethane	U	10.	ug/L	1	10	10.
Chloroethane	U	10.	ug/L	1	10	10.
Trichlorofluoromethane	U	10.	ug/L	1	10	10.
1,1-Dichloroethene	U	5.0	ug/L	1	5	5.0
Methylene Chloride	U	5.0	ug/L	1	5	5.0
trans-1,2-Dichloroethene	U	5.0	ug/L	1	5	5.0
1,1-Dichloroethane	U	5.0	ug/L	1	5	5.0
cis-1,2-Dichloroethene	U	5.0	ug/L	1	5	5.0
1,2-Dichloroethylene (Total)	U	10.	ug/L	1	10	10.
2,2-Dichloropropane	U	5.0	ug/L	1	5	5.0
Chloroform	U	5.0	ug/L	1	5	5.0
Bromochloromethane	U	5.0	ug/L	1	5	5.0
1,1,1-Trichloroethane	U	5.0	ug/L	1	5	5.0
1,2-Dichloroethane	U	5.0	ug/L	1	5	5.0
1,1-Dichloropropene	U	5.0	ug/L	1	5	5.0
Carbon Tetrachloride	U	5.0	ug/L	1	5	5.0
Benzene	U	5.0	ug/L	1	5	5.0
1,2-Dichloropropane	U	5.0	ug/L	1	5	5.0
Trichloroethene	U	5.0	ug/L	1	5	5.0
Dibromomethane	U	5.0	ug/L	1	5	5.0
Bromodichloromethane	U	5.0	ug/L	1	5	5.0
cis-1,3-Dichloropropene	U	5.0	ug/L	1	5	5.0
Toluene	U	5.0	ug/L	1	5	5.0
trans-1,3-Dichloropropene	U	5.0	ug/L	1	5	5.0
1,1,2-Trichloroethane	U	5.0	ug/L	1	5	5.0
1,3-Dichloropropane	U	5.0	ug/L	1	5	5.0
Dibromochloromethane	U	5.0	ug/L	1	5	5.0
Tetrachloroethene	U	5.0	ug/L	1	5	5.0
1,2-Dibromoethane	U	5.0	ug/L	1	5	5.0
Chlorobenzene	U	5.0	ug/L	1	5	5.0
1,1,1,2-Tetrachloroethane	U	5.0	ug/L	1	5	5.0
Ethylbenzene	U	5.0	ug/L	1	5	5.0

Report of Analytical Results

Lab ID: WG309927-2
Client ID: Method Blank
SDG: SO7841
Lab File ID: T4149.D

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927
% Solids: NA

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	5.0	ug/L	1	5	5.0
Styrene	U	5.0	ug/L	1	5	5.0
1,1,2,2-Tetrachloroethane	U	5.0	ug/L	1	5	5.0
1,2,3-Trichloropropane	U	5.0	ug/L	1	5	5.0
Isopropylbenzene	U	5.0	ug/L	1	5	5.0
Bromobenzene	U	5.0	ug/L	1	5	5.0
2-Chlorotoluene	U	5.0	ug/L	1	5	5.0
N-Propylbenzene	U	5.0	ug/L	1	5	5.0
4-Chlorotoluene	U	5.0	ug/L	1	5	5.0
1,3,5-Trimethylbenzene	U	5.0	ug/L	1	5	5.0
tert-Butylbenzene	U	5.0	ug/L	1	5	5.0
1,2,4-Trichlorobenzene	U	5.0	ug/L	1	5	5.0
sec-Butylbenzene	U	5.0	ug/L	1	5	5.0
1,3-Dichlorobenzene	U	5.0	ug/L	1	5	5.0
P-Isopropyltoluene	U	5.0	ug/L	1	5	5.0
1,4-Dichlorobenzene	U	5.0	ug/L	1	5	5.0
1,2-Dichlorobenzene	U	5.0	ug/L	1	5	5.0
N-Butylbenzene	U	5.0	ug/L	1	5	5.0
1,2-Dibromo-3-Chloropropane	U	5.0	ug/L	1	5	5.0
1,2,4-Trimethylbenzene	U	5.0	ug/L	1	5	5.0
Naphthalene	U	5.0	ug/L	1	5	5.0
Hexachlorobutadiene	U	5.0	ug/L	1	5	5.0
1,2,3-Trichlorobenzene	U	5.0	ug/L	1	5	5.0
Methyl tert-butyl Ether	U	5.0	ug/L	1	5	5.0
Acetone	U	25.	ug/L	1	25	25.
2-Butanone	U	25.	ug/L	1	25	25.
4-Methyl-2-Pentanone	U	25.	ug/L	1	25	25.
2-Hexanone	U	25.	ug/L	1	25	25.
m+p-Xylenes	U	10.	ug/L	1	10	10.
o-Xylene	U	5.0	ug/L	1	5	5.0
Xylenes (Total)	U	15.	ug/L	1	15	15.
1,3,5-Trichlorobenzene	U	5.0	ug/L	1	5	5.0
Vinyl Acetate	U	5.0	ug/L	1	5	5.0
Carbon Disulfide	U	5.0	ug/L	1	5	5.0
Diethyl Ether	U	5.0	ug/L	1	5	5.0

Report of Analytical Results

Lab ID: WG309927-2
Client ID: Method Blank
SDG: SO7841
Lab File ID: T4149.D

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927
% Solids: NA

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	25.	ug/L	1	25	25.
Dibromofluoromethane		103.	%			
1,2-Dichloroethane-d4		106.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		102.	%			

Report of Analytical Results

Lab ID: WG309927-7

Client ID: Methanol Blank

SDG: SO7841

Lab File ID: T4150.D

Extract Date: 15-NOV-21

Extracted By: HG/JHR

Extraction Method: SW846 5030

Lab Prep Batch: WG309927

% Solids: NA

Analysis Date: 15-NOV-21

Analyst: HG/JHR

Analysis Method: SW846 8260B

Matrix: SL

Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	500	ug/Kgdrywt	1	10	500
Chloromethane	U	500	ug/Kgdrywt	1	10	500
Vinyl Chloride	U	500	ug/Kgdrywt	1	10	500
Bromomethane	U	500	ug/Kgdrywt	1	10	500
Chloroethane	U	500	ug/Kgdrywt	1	10	500
Trichlorofluoromethane	U	500	ug/Kgdrywt	1	10	500
1,1-Dichloroethene	U	250	ug/Kgdrywt	1	5	250
Methylene Chloride	U	1200	ug/Kgdrywt	1	25	1200
trans-1,2-Dichloroethene	U	250	ug/Kgdrywt	1	5	250
1,1-Dichloroethane	U	250	ug/Kgdrywt	1	5	250
cis-1,2-Dichloroethene	U	250	ug/Kgdrywt	1	5	250
1,2-Dichloroethylene (Total)	U	500	ug/Kgdrywt	1	10	500
2,2-Dichloropropane	U	250	ug/Kgdrywt	1	5	250
Chloroform	U	250	ug/Kgdrywt	1	5	250
Bromochloromethane	U	250	ug/Kgdrywt	1	5	250
1,1,1-Trichloroethane	U	250	ug/Kgdrywt	1	5	250
1,2-Dichloroethane	U	250	ug/Kgdrywt	1	5	250
1,1-Dichloropropene	U	250	ug/Kgdrywt	1	5	250
Carbon Tetrachloride	U	250	ug/Kgdrywt	1	5	250
Benzene	U	250	ug/Kgdrywt	1	5	250
1,2-Dichloropropane	U	250	ug/Kgdrywt	1	5	250
Trichloroethene	U	250	ug/Kgdrywt	1	5	250
Dibromomethane	U	250	ug/Kgdrywt	1	5	250
Bromodichloromethane	U	250	ug/Kgdrywt	1	5	250
cis-1,3-Dichloropropene	U	250	ug/Kgdrywt	1	5	250
Toluene	U	250	ug/Kgdrywt	1	5	250
trans-1,3-Dichloropropene	U	250	ug/Kgdrywt	1	5	250
1,1,2-Trichloroethane	U	250	ug/Kgdrywt	1	5	250
1,3-Dichloropropane	U	250	ug/Kgdrywt	1	5	250
Dibromochloromethane	U	250	ug/Kgdrywt	1	5	250
Tetrachloroethene	U	250	ug/Kgdrywt	1	5	250
1,2-Dibromoethane	U	250	ug/Kgdrywt	1	5	250
Chlorobenzene	U	250	ug/Kgdrywt	1	5	250
1,1,1,2-Tetrachloroethane	U	250	ug/Kgdrywt	1	5	250
Ethylbenzene	U	250	ug/Kgdrywt	1	5	250

Report of Analytical Results

Lab ID: WG309927-7
Client ID: Methanol Blank
SDG: SO7841
Lab File ID: T4150.D

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927
% Solids: NA

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	250	ug/Kgdrywt	1	5	250
Styrene	U	250	ug/Kgdrywt	1	5	250
1,1,2,2-Tetrachloroethane	U	250	ug/Kgdrywt	1	5	250
1,2,3-Trichloropropane	U	250	ug/Kgdrywt	1	5	250
Isopropylbenzene	U	250	ug/Kgdrywt	1	5	250
Bromobenzene	U	250	ug/Kgdrywt	1	5	250
2-Chlorotoluene	U	250	ug/Kgdrywt	1	5	250
N-Propylbenzene	U	250	ug/Kgdrywt	1	5	250
4-Chlorotoluene	U	250	ug/Kgdrywt	1	5	250
1,3,5-Trimethylbenzene	U	250	ug/Kgdrywt	1	5	250
tert-Butylbenzene	U	250	ug/Kgdrywt	1	5	250
1,2,4-Trichlorobenzene	U	250	ug/Kgdrywt	1	5	250
sec-Butylbenzene	U	250	ug/Kgdrywt	1	5	250
1,3-Dichlorobenzene	U	250	ug/Kgdrywt	1	5	250
P-Isopropyltoluene	U	250	ug/Kgdrywt	1	5	250
1,4-Dichlorobenzene	U	250	ug/Kgdrywt	1	5	250
1,2-Dichlorobenzene	U	250	ug/Kgdrywt	1	5	250
N-Butylbenzene	U	250	ug/Kgdrywt	1	5	250
1,2-Dibromo-3-Chloropropane	U	250	ug/Kgdrywt	1	5	250
1,2,4-Trimethylbenzene	U	250	ug/Kgdrywt	1	5	250
Naphthalene	U	250	ug/Kgdrywt	1	5	250
Hexachlorobutadiene	U	250	ug/Kgdrywt	1	5	250
1,2,3-Trichlorobenzene	U	250	ug/Kgdrywt	1	5	250
Methyl tert-butyl Ether	U	250	ug/Kgdrywt	1	5	250
Acetone	U	1200	ug/Kgdrywt	1	25	1200
2-Butanone	U	1200	ug/Kgdrywt	1	25	1200
4-Methyl-2-Pentanone	U	1200	ug/Kgdrywt	1	25	1200
2-Hexanone	U	1200	ug/Kgdrywt	1	25	1200
m+p-Xylenes	U	500	ug/Kgdrywt	1	10	500
o-Xylene	U	250	ug/Kgdrywt	1	5	250
Xylenes (Total)	U	750	ug/Kgdrywt	1	15	750
1,3,5-Trichlorobenzene	U	250	ug/Kgdrywt	1	5	250
Vinyl Acetate	U	250	ug/Kgdrywt	1	5	250
Carbon Disulfide	U	250	ug/Kgdrywt	1	5	250
Diethyl Ether	U	250	ug/Kgdrywt	1	5	250

Report of Analytical Results

Lab ID: WG309927-7

Client ID: Methanol Blank

SDG: SO7841

Lab File ID: T4150.D

Extract Date: 15-NOV-21

Extracted By: HG/JHR

Extraction Method: SW846 5030

Lab Prep Batch: WG309927

% Solids: NA

Analysis Date: 15-NOV-21

Analyst: HG/JHR

Analysis Method: SW846 8260B

Matrix: SL

Report Date: 01-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	2500	ug/Kgdrywt	1	50	2500
Dibromofluoromethane		104.	%			
1,2-Dichloroethane-d4		106.	%			
Toluene-d8		100.	%			
P-Bromofluorobenzene		101.	%			

LCS Recovery Report

Lab ID: WG309927-1
Client ID: LCS
SDG: SO7841
LCS File ID: T4147.D
Report Date: 01-DEC-21

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dichlorodifluoromethane	101.	50.0	50.4	ug/L	29-164
Chloromethane	84.2	50.0	42.1	ug/L	59-123
Vinyl Chloride	95.4	50.0	47.7	ug/L	64-131
Bromomethane	95.2	50.0	47.6	ug/L	57-135
Chloroethane	83.8	50.0	41.9	ug/L	53-157
Trichlorofluoromethane	102.	50.0	51.0	ug/L	70-149
1,1-Dichloroethene	91.4	50.0	45.7	ug/L	88-127
Methylene Chloride	111.	50.0	55.7	ug/L	72-129
trans-1,2-Dichloroethene	93.8	50.0	46.9	ug/L	78-125
1,1-Dichloroethane	96.4	50.0	48.2	ug/L	76-130
cis-1,2-Dichloroethene	93.8	50.0	46.9	ug/L	85-123
1,2-Dichloroethylene (Total)	93.8	100.	93.8	ug/L	84-121
2,2-Dichloropropane	103.	50.0	51.4	ug/L	70-132
Chloroform	93.6	50.0	46.8	ug/L	78-128
Bromochloromethane	106.	50.0	53.2	ug/L	85-117
1,1,1-Trichloroethane	97.0	50.0	48.5	ug/L	77-129
1,2-Dichloroethane	98.4	50.0	49.2	ug/L	81-125
1,1-Dichloropropene	102.	50.0	51.0	ug/L	87-118
Carbon Tetrachloride	102.	50.0	50.8	ug/L	87-126
Benzene	97.2	50.0	48.6	ug/L	86-116
1,2-Dichloropropane	99.0	50.0	49.5	ug/L	84-118
Trichloroethene	100.	50.0	50.1	ug/L	79-121
Dibromomethane	93.4	50.0	46.7	ug/L	85-117
Bromodichloromethane	102.	50.0	51.2	ug/L	85-122
cis-1,3-Dichloropropene	109.	50.0	54.4	ug/L	83-119
Toluene	99.4	50.0	49.7	ug/L	84-118
1,1,2-Trichloroethane	101.	50.0	50.3	ug/L	84-115
trans-1,3-Dichloropropene	108.	50.0	54.0	ug/L	85-135
1,3-Dichloropropane	95.6	50.0	47.8	ug/L	80-119
Dibromochloromethane	100.	50.0	50.2	ug/L	85-119
Tetrachloroethene	95.8	50.0	47.9	ug/L	47-155
1,2-Dibromoethane	101.	50.0	50.4	ug/L	84-116
Chlorobenzene	96.8	50.0	48.4	ug/L	89-113
1,1,1,2-Tetrachloroethane	102.	50.0	50.8	ug/L	88-118
Ethylbenzene	100.	50.0	50.2	ug/L	88-113
Bromoform	90.4	50.0	45.2	ug/L	86-117

LCS Recovery Report

Lab ID: WG309927-1
Client ID: LCS
SDG: SO7841
LCS File ID: T4147.D
Report Date: 01-DEC-21

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Styrene	98.6	50.0	49.3	ug/L	88-117
1,1,2,2-Tetrachloroethane	93.0	50.0	46.5	ug/L	79-121
1,2,3-Trichloropropane	91.0	50.0	45.5	ug/L	77-120
Isopropylbenzene	103.	50.0	51.4	ug/L	96-136
Bromobenzene	96.6	50.0	48.3	ug/L	84-113
2-Chlorotoluene	97.2	50.0	48.6	ug/L	81-120
N-Propylbenzene	100.	50.0	50.0	ug/L	83-121
4-Chlorotoluene	97.8	50.0	48.9	ug/L	81-122
1,3,5-Trimethylbenzene	102.	50.0	51.0	ug/L	80-123
tert-Butylbenzene	100.	50.0	50.0	ug/L	84-121
1,2,4-Trichlorobenzene	91.6	50.0	45.8	ug/L	76-126
sec-Butylbenzene	103.	50.0	51.7	ug/L	82-122
1,3-Dichlorobenzene	96.6	50.0	48.3	ug/L	86-110
P-Isopropyltoluene	99.0	50.0	49.5	ug/L	88-121
1,4-Dichlorobenzene	96.0	50.0	48.0	ug/L	86-111
1,2-Dichlorobenzene	100.	50.0	50.1	ug/L	86-112
N-Butylbenzene	96.6	50.0	48.3	ug/L	78-121
1,2-Dibromo-3-Chloropropane	86.4	50.0	43.2	ug/L	67-124
1,2,4-Trimethylbenzene	96.0	50.0	48.0	ug/L	83-118
Naphthalene	87.4	50.0	43.7	ug/L	62-126
Hexachlorobutadiene	98.6	50.0	49.3	ug/L	73-113
1,2,3-Trichlorobenzene	90.6	50.0	45.3	ug/L	70-122
Methyl tert-butyl Ether	101.	50.0	50.7	ug/L	81-125
Acetone	130.	50.0	65.2	ug/L	62-172
2-Butanone	96.8	50.0	48.4	ug/L	71-132
4-Methyl-2-Pentanone	103.	50.0	51.4	ug/L	83-122
2-Hexanone	98.0	50.0	49.0	ug/L	80-124
m+p-Xylenes	101.	100.	101.	ug/L	88-116
o-Xylene	103.	50.0	51.7	ug/L	90-116
Xylenes (Total)	101.	150.	152.	ug/L	89-116
1,3,5-Trichlorobenzene	101.	50.0	50.7	ug/L	77-120
Vinyl Acetate	118.	50.0	58.9	ug/L	56-129
Carbon Disulfide	126.	50.0	63.0	ug/L	71-129
Diethyl Ether	93.6	50.0	46.8	ug/L	78-124
Tetrahydrofuran	97.0	50.0	48.5	ug/L	74-123
Dibromofluoromethane	99.5				68-128

LCS Recovery Report

Lab ID: WG309927-1
Client ID: LCS
SDG: SO7841
LCS File ID: T4147.D
Report Date: 01-DEC-21

Extract Date: 15-NOV-21
Extracted By: HG/JHR
Extraction Method: SW846 5030
Lab Prep Batch: WG309927

Analysis Date: 15-NOV-21
Analyst: HG/JHR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	97.9				67-135
Toluene-d8	102.				65-128
P-Bromofluorobenzene	104.				56-133

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: U5895.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 22-NOV-21
Extracted By: JK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310398

Analysis Date: 21-DEC-21
Analyst: BF
Analysis Method: SW846 8270C
Matrix: SL
% Solids: 84.
Report Date: 28-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Naphthalene	U	380	ug/Kgdrywt	1	330	380
2-Methylnaphthalene	U	380	ug/Kgdrywt	1	330	380
Acenaphthylene	U	380	ug/Kgdrywt	1	330	380
Acenaphthene	U	380	ug/Kgdrywt	1	330	380
Fluorene	U	380	ug/Kgdrywt	1	330	380
Phenanthrene	U	380	ug/Kgdrywt	1	330	380
Anthracene	U	380	ug/Kgdrywt	1	330	380
Fluoranthene	U	380	ug/Kgdrywt	1	330	380
Pyrene	U	380	ug/Kgdrywt	1	330	380
Benzo(a)anthracene	U	380	ug/Kgdrywt	1	330	380
Chrysene	U	380	ug/Kgdrywt	1	330	380
Benzo(b)fluoranthene	U	380	ug/Kgdrywt	1	330	380
Benzo(k)fluoranthene	U	380	ug/Kgdrywt	1	330	380
Benzo(a)pyrene	U	380	ug/Kgdrywt	1	330	380
Indeno(1,2,3-cd)pyrene	U	380	ug/Kgdrywt	1	330	380
Dibenzo(a,h)anthracene	U	380	ug/Kgdrywt	1	330	380
Benzo(g,h,i)perylene	U	380	ug/Kgdrywt	1	330	380
Nitrobenzene-d5		67.5	%			
2-Fluorobiphenyl		73.5	%			
Terphenyl-d14		81.3	%			

Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEP Meddy
Lab File ID : U5890.D
Instrument ID : GCMS-U
Matrix : SL

SDG : SO7841
Lab Sample ID : WG310398-1
Date Extracted : 22-NOV-21
Date Analyzed : 20-DEC-21
Time Analyzed : 22:54

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG310398-2	U5889.D	12/20/21	22:20
R-50 WP	SO7841-1	U5895.D	12/21/21	01:43

Report of Analytical Results

Lab ID: WG310398-1
Client ID: Method Blank
SDG: SO7841
Lab File ID: U5890.D

Extract Date: 22-NOV-21
Extracted By: JK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310398
% Solids: NA

Analysis Date: 20-DEC-21
Analyst: BF
Analysis Method: SW846 8270C
Matrix: SL
Report Date: 28-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Naphthalene	U	330	ug/Kgdrywt	1	330	330
2-Methylnaphthalene	U	330	ug/Kgdrywt	1	330	330
Acenaphthylene	U	330	ug/Kgdrywt	1	330	330
Acenaphthene	U	330	ug/Kgdrywt	1	330	330
Fluorene	U	330	ug/Kgdrywt	1	330	330
Phenanthrene	U	330	ug/Kgdrywt	1	330	330
Anthracene	U	330	ug/Kgdrywt	1	330	330
Fluoranthene	U	330	ug/Kgdrywt	1	330	330
Pyrene	U	330	ug/Kgdrywt	1	330	330
Benzo(a)anthracene	U	330	ug/Kgdrywt	1	330	330
Chrysene	U	330	ug/Kgdrywt	1	330	330
Benzo(b)fluoranthene	U	330	ug/Kgdrywt	1	330	330
Benzo(k)fluoranthene	U	330	ug/Kgdrywt	1	330	330
Benzo(a)pyrene	U	330	ug/Kgdrywt	1	330	330
Indeno(1,2,3-cd)pyrene	U	330	ug/Kgdrywt	1	330	330
Dibenzo(a,h)anthracene	U	330	ug/Kgdrywt	1	330	330
Benzo(g,h,i)perylene	U	330	ug/Kgdrywt	1	330	330
Nitrobenzene-d5		61.5	%			
2-Fluorobiphenyl		64.9	%			
Terphenyl-d14		81.4	%			

LCS Recovery Report

Lab ID: WG310398-2
Client ID: LCS
SDG: SO7841
LCS File ID: U5889.D
Report Date: 28-DEC-21

Extract Date: 22-NOV-21
Extracted By: JK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310398

Analysis Date: 20-DEC-21
Analyst: BF
Analysis Method: SW846 8270C
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Naphthalene	47.2	1670	788.	ug/Kgdrywt	30-90
2-Methylnaphthalene	55.2	1670	922.	ug/Kgdrywt	40-100
Acenaphthylene	51.1	1670	853.	ug/Kgdrywt	40-100
Acenaphthene	60.5	1670	1010	ug/Kgdrywt	45-105
Fluorene	62.3	1670	1040	ug/Kgdrywt	46-106
Phenanthrene	69.5	1670	1160	ug/Kgdrywt	51-111
Anthracene	71.8	1670	1200	ug/Kgdrywt	49-109
Fluoranthene	75.4	1670	1260	ug/Kgdrywt	47-107
Pyrene	67.1	1670	1120	ug/Kgdrywt	58-118
Benzo(a)anthracene	71.8	1670	1200	ug/Kgdrywt	50-110
Chrysene	77.2	1670	1290	ug/Kgdrywt	55-115
Benzo(b)fluoranthene	67.7	1670	1130	ug/Kgdrywt	46-116
Benzo(k)fluoranthene	70.0	1670	1170	ug/Kgdrywt	60-120
Benzo(a)pyrene	59.9	1670	1000	ug/Kgdrywt	53-113
Indeno(1,2,3-cd)pyrene	80.8	1670	1350	ug/Kgdrywt	32-92
Dibenzo(a,h)anthracene	76.0	1670	1270	ug/Kgdrywt	40-100
Benzo(g,h,i)perylene	78.4	1670	1310	ug/Kgdrywt	40-125
Nitrobenzene-d5	48.6				24-81
2-Fluorobiphenyl	55.3				29-83
Terphenyl-d14	73.0				24-136

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1DL
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: 7OL157.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 21-NOV-21
Extracted By: MK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310382

Analysis Date: 10-DEC-21
Analyst: DT/SE
Analysis Method: SW846 8082A
Matrix: SL
% Solids: 84.
Report Date: 10-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Aroclor-1016	U	99	ug/Kgdrywt	5	16.7	99.
Aroclor-1221	U	99	ug/Kgdrywt	5	16.7	99.
Aroclor-1232	U	99	ug/Kgdrywt	5	16.7	99.
Aroclor-1242	U	99	ug/Kgdrywt	5	16.7	99.
Aroclor-1248	U	99	ug/Kgdrywt	5	16.7	99.
Aroclor-1254		17000	ug/Kgdrywt	5	16.7	99.
Aroclor-1260		4400	ug/Kgdrywt	5	16.7	99.
Tetrachloro-M-Xylene		103.	%			
Decachlorobiphenyl	*	127.	%			

Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEP Meddy
Lab File ID : 7OL116.D
Matrix : SL
Column A
Instrument ID : GC07
Date Analyzed : 09-DEC-21
Time Analyzed : 17:46

SDG : SO7841
Lab Sample ID : WG310382-1
Date Extracted : 21-NOV-21
Extraction Method : SW846 3550C
Column B
Instrument ID : GC07
Date Analyzed : 09-DEC-21
Time Analyzed : 17:46

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG310382-2	7OL117.D	12/09/21	18:14
R-50 WP	SO7841-1DL	7OL157.D	12/10/21	12:52

Report of Analytical Results

Lab ID: WG310382-1
Client ID: Method Blank
SDG: SO7841
Lab File ID: 7OL116.D

Extract Date: 21-NOV-21
Extracted By: MK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310382
% Solids: NA

Analysis Date: 09-DEC-21
Analyst: DT/SE
Analysis Method: SW846 8082A
Matrix: SL
Report Date: 10-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Aroclor-1016	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1221	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1232	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1242	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1248	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1254	U	17	ug/Kgdrywt	1	16.7	17.
Aroclor-1260	U	17	ug/Kgdrywt	1	16.7	17.
Tetrachloro-M-Xylene	*	137.	%			
Decachlorobiphenyl	*	129.	%			

LCS Recovery Report

Lab ID: WG310382-2
Client ID: LCS
SDG: SO7841
LCS File ID: 7OL117.D
Report Date: 10-DEC-21

Extract Date: 21-NOV-21
Extracted By: MK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310382

Analysis Date: 09-DEC-21
Analyst: DT/SE
Analysis Method: SW846 8082A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Aroclor-1016	123.	167.	205.	ug/Kgdrywt	53-123
Aroclor-1260	116.	167.	193.	ug/Kgdrywt	58-120
Tetrachloro-M-Xylene	109.				56-115
Decachlorobiphenyl	108.				59-124

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1RE
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: 1OL10165.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 23-NOV-21
Extracted By: IM/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310460

Analysis Date: 17-DEC-21
Analyst: DT
Analysis Method: SW846 8081B
Matrix: SL
% Solids: 84.
Report Date: 29-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
alpha-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
gamma-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
Heptachlor	U	2.0	ug/Kgdrywt	1	1.7	2.0
Aldrin	U	2.0	ug/Kgdrywt	1	1.7	2.0
beta-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
delta-BHC	U	2.0	ug/Kgdrywt	1	1.7	2.0
Heptachlor Epoxide	U	2.0	ug/Kgdrywt	1	1.7	2.0
Endosulfan I	U	2.0	ug/Kgdrywt	1	1.7	2.0
Gamma-Chlordane	U	2.0	ug/Kgdrywt	1	1.7	2.0
Alpha-Chlordane	U	2.0	ug/Kgdrywt	1	1.7	2.0
4,4'-DDE	U	3.9	ug/Kgdrywt	1	3.3	3.9
Dieldrin	U	3.9	ug/Kgdrywt	1	3.3	3.9
Endrin	U	3.9	ug/Kgdrywt	1	3.3	3.9
4,4'-DDD	U	3.9	ug/Kgdrywt	1	3.3	3.9
Endosulfan II	U	3.9	ug/Kgdrywt	1	3.3	3.9
4,4'-DDT	U	3.9	ug/Kgdrywt	1	3.3	3.9
Endrin Aldehyde	U	3.9	ug/Kgdrywt	1	3.3	3.9
Endosulfan Sulfate	U	3.9	ug/Kgdrywt	1	3.3	3.9
Methoxychlor	U	20	ug/Kgdrywt	1	17	20.
Endrin Ketone	U	3.9	ug/Kgdrywt	1	3.3	3.9
Toxaphene	U	39	ug/Kgdrywt	1	33	39.
Tetrachloro-M-Xylene		63.2	%			
Decachlorobiphenyl		93.6	%			

Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEP Meddy
Lab File ID : 1OL10161.D
Matrix : SL
Column A
Instrument ID : GC01
Date Analyzed : 17-DEC-21
Time Analyzed : 09:25

SDG : SO7841
Lab Sample ID : WG310460-1
Date Extracted : 23-NOV-21
Extraction Method : SW846 3550C
Column B
Instrument ID : GC01
Date Analyzed : 17-DEC-21
Time Analyzed : 09:25

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG310460-2	1OL10162.	12/17/21	09:44
R-50 WP	SO7841-1RE	1OL10165.	12/17/21	10:42

Report of Analytical Results

Lab ID: WG310460-1
Client ID: Method Blank
SDG: SO7841
Lab File ID: 10L10161.D

Extract Date: 23-NOV-21
Extracted By: IM/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310460
% Solids: NA

Analysis Date: 17-DEC-21
Analyst: DT
Analysis Method: SW846 8081B
Matrix: SL
Report Date: 29-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
alpha-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
gamma-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
Heptachlor	U	1.7	ug/Kgdrywt	1	1.7	1.7
Aldrin	U	1.7	ug/Kgdrywt	1	1.7	1.7
beta-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
delta-BHC	U	1.7	ug/Kgdrywt	1	1.7	1.7
Heptachlor Epoxide	U	1.7	ug/Kgdrywt	1	1.7	1.7
Endosulfan I	U	1.7	ug/Kgdrywt	1	1.7	1.7
Gamma-Chlordane	U	1.7	ug/Kgdrywt	1	1.7	1.7
Alpha-Chlordane	U	1.7	ug/Kgdrywt	1	1.7	1.7
4,4'-DDE	U	3.3	ug/Kgdrywt	1	3.3	3.3
Dieldrin	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endrin	U	3.3	ug/Kgdrywt	1	3.3	3.3
4,4'-DDD	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endosulfan II	U	3.3	ug/Kgdrywt	1	3.3	3.3
4,4'-DDT	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endrin Aldehyde	U	3.3	ug/Kgdrywt	1	3.3	3.3
Endosulfan Sulfate	U	3.3	ug/Kgdrywt	1	3.3	3.3
Methoxychlor	U	17	ug/Kgdrywt	1	17	17.
Endrin Ketone	U	3.3	ug/Kgdrywt	1	3.3	3.3
Toxaphene	U	33	ug/Kgdrywt	1	33	33.
Tetrachloro-M-Xylene		50.8	%			
Decachlorobiphenyl		79.0	%			

LCS Recovery Report

Lab ID: WG310460-2
Client ID: LCS
SDG: SO7841
LCS File ID: 1OL10162.D
Report Date: 29-DEC-21

Extract Date: 23-NOV-21
Extracted By: IM/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310460

Analysis Date: 17-DEC-21
Analyst: DT
Analysis Method: SW846 8081B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
alpha-BHC	* 41.4	16.7	6.91	ug/Kgdrywt	46-117
gamma-BHC	65.3	16.7	10.9	ug/Kgdrywt	51-117
Heptachlor	* 53.5	16.7	8.93	ug/Kgdrywt	55-111
Aldrin	56.8	16.7	9.48	ug/Kgdrywt	50-116
beta-BHC	106.	16.7	17.8	ug/Kgdrywt	55-116
delta-BHC	112.	16.7	18.8	ug/Kgdrywt	53-118
Heptachlor Epoxide	85.0	16.7	14.2	ug/Kgdrywt	55-116
Endosulfan I	92.8	16.7	15.5	ug/Kgdrywt	57-111
Gamma-Chlordane	80.2	16.7	13.4	ug/Kgdrywt	59-117
Alpha-Chlordane	92.2	16.7	15.4	ug/Kgdrywt	61-118
4,4' -DDE	95.8	16.7	16.0	ug/Kgdrywt	61-119
Dieldrin	86.8	16.7	14.5	ug/Kgdrywt	57-114
Endrin	97.0	16.7	16.2	ug/Kgdrywt	59-113
4,4' -DDD	94.0	16.7	15.7	ug/Kgdrywt	65-116
Endosulfan II	95.8	16.7	16.0	ug/Kgdrywt	62-114
4,4' -DDT	95.8	16.7	16.0	ug/Kgdrywt	65-109
Endrin Aldehyde	94.6	16.7	15.8	ug/Kgdrywt	51-116
Endosulfan Sulfate	101.	16.7	16.9	ug/Kgdrywt	61-108
Methoxychlor	89.2	16.7	14.9	ug/Kgdrywt	58-108
Endrin Ketone	104.	16.7	17.3	ug/Kgdrywt	57-120
Tetrachloro-M-Xylene	* 7.45				27-122
Decachlorobiphenyl	85.6				33-119

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SO7841-1
Client ID: R-50 WP
Project: DEP Meddy
SDG: SO7841
Lab File ID: 8OL00010.D

Sample Date: 09-NOV-21
Received Date: 10-NOV-21
Extract Date: 21-NOV-21
Extracted By: MK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310380

Analysis Date: 06-DEC-21
Analyst: JLP
Analysis Method: SW846 8151A
Matrix: SL
% Solids: 84.
Report Date: 06-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dalapon	U	180	ug/Kgdrywt	1	154	180
Dicamba	U	38	ug/Kgdrywt	1	32.7	38.
MCPP	U	3600	ug/Kgdrywt	1	3100	3600
MCPA	U	5400	ug/Kgdrywt	1	4670	5400
Dichloroprop	U	74	ug/Kgdrywt	1	63.2	74.
2,4-D	U	73	ug/Kgdrywt	1	63	73.
Silvex	U	37	ug/Kgdrywt	1	31.4	37.
2,4,5-T	U	36	ug/Kgdrywt	1	31.3	36.
2,4-DB	U	36	ug/Kgdrywt	1	31.2	36.
Dinoseb	U	190	ug/Kgdrywt	1	161	190
2,4-DichlorophenylAcetic Acid		60.0	%			

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : DEP Meddy
Lab File ID : 8OL00006.D
Matrix : SL
Column A
Instrument ID : GC08
Date Analyzed : 06-DEC-21
Time Analyzed : 10:07

SDG : SO7841
Lab Sample ID : WG310380-1
Date Extracted : 21-NOV-21
Extraction Method : SW846 3550C
Column B
Instrument ID : GC08
Date Analyzed : 06-DEC-21
Time Analyzed : 10:07

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG310380-2	8OL00007.	12/06/21	10:30
R-50 WP	SO7841-1	8OL00010.	12/06/21	11:39

Report of Analytical Results

Lab ID: WG310380-1
Client ID: Method Blank
SDG: SO7841
Lab File ID: 8OL00006.D

Extract Date: 21-NOV-21
Extracted By: MK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310380
% Solids: NA

Analysis Date: 06-DEC-21
Analyst: JLP
Analysis Method: SW846 8151A
Matrix: SL
Report Date: 06-DEC-21

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dalapon	U	150	ug/Kgdrywt	1	154	150
Dicamba	U	33	ug/Kgdrywt	1	32.7	33.
MCPD	U	3100	ug/Kgdrywt	1	3100	3100
MCPA	U	4700	ug/Kgdrywt	1	4670	4700
Dichloroprop	U	63	ug/Kgdrywt	1	63.2	63.
2,4-D	U	63	ug/Kgdrywt	1	63	63.
Silvex	U	31	ug/Kgdrywt	1	31.4	31.
2,4,5-T	U	31	ug/Kgdrywt	1	31.3	31.
2,4-DB	U	31	ug/Kgdrywt	1	31.2	31.
Dinoseb	U	160	ug/Kgdrywt	1	161	160
2,4-DichlorophenylAcetic Acid		74.8	%			

LCS Recovery Report

Lab ID: WG310380-2
Client ID: LCS
SDG: SO7841
LCS File ID: 8OL00007.D
Report Date: 06-DEC-21

Extract Date: 21-NOV-21
Extracted By: MK/GN
Extraction Method: SW846 3550C
Lab Prep Batch: WG310380

Analysis Date: 06-DEC-21
Analyst: JLP
Analysis Method: SW846 8151A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dalapon	35.7	167.	59.7	ug/Kgdrywt	15-114
Dicamba	66.5	167.	111.	ug/Kgdrywt	47-112
MCPP	97.0	16700	16200	ug/Kgdrywt	52-142
MCPA	74.8	16700	12500	ug/Kgdrywt	44-121
Dichloroprop	74.8	167.	125.	ug/Kgdrywt	63-113
2,4-D	75.4	167.	126.	ug/Kgdrywt	40-138
Silvex	70.0	167.	117.	ug/Kgdrywt	60-110
2,4,5-T	74.2	167.	124.	ug/Kgdrywt	36-135
2,4-DB	79.6	167.	133.	ug/Kgdrywt	44-121
Dinoseb	29.6	167.	49.4	ug/Kgdrywt	5-130
2,4-DichlorophenylAcetic Acid	81.4				44-119



REPORT OF ANALYTICAL RESULTS

Client: Rich Campbell
 Campbell Environmental Group
 173 Gray Road
 Falmouth, ME 04105

Lab Sample ID: SO7841-001
Report Date: 11/30/2021
Project: DEP Meddy

Sample Description	Matrix	Filtered	Date Sampled	Date Received									
R-50 WP	AQ	No(Total)	11/09/2021	11/10/2021									
Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC, TCLP	U 0.04	mg/L	0.04	1	0.008	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	1
BARIUM, TCLP	0.0965	mg/L	0.025	1	0.005	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	
CADMIUM, TCLP	U 0.0250	mg/L	0.0250	1	0.005	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	1
CHROMIUM, TCLP	U 0.0500	mg/L	0.0500	1	0.01	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	1
LEAD, TCLP	U 0.02	mg/L	0.02	1	0.005	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	1
MERCURY, TCLP	U 0.20	ug/L	0.20	1	0.2	SW846 7470	11/29/21	JT	SW846 7470	11/29/21	JT	OK29HW2	
SELENIUM, TCLP	U 0.050	mg/L	0.050	1	0.01	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	1
SILVER, TCLP	U 0.0500	mg/L	0.0500	1	0.01	SW846 6010	11/19/21	EP	SW846 3010	11/17/21	JT	OK171CW1	1

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.



EXTRACTION FLUID BLANK REPORT

Sample ID: PBT1716A

Work Order: SO7841

Element Name	Flag	Result	Units	PQL	MDL	File
ARSENIC	U	0.008	mg/L	0.04	0.0071	IOK05A
BARIUM	H	0.041	mg/L	0.025	0.0012	IOK05A
CADMIUM	U	0.00500	mg/L	0.0250	0.00024	IOK05A
CHROMIUM	U	0.0100	mg/L	0.0500	0.0018	IOK05A
LEAD	U	0.005	mg/L	0.02	0.0054	IOK05A
MERCURY	J	0.02	ug/L	0.20	0.013	HOK03A
SELENIUM	U	0.010	mg/L	0.050	0.012	IOK05A
SILVER	U	0.0100	mg/L	0.0500	0.0013	IOK05A

U The analyte was not detected in the sample at a level greater than the method detection limit.

J The analyte was detected in the sample at a concentration greater than the method detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



PREPARATION BLANK REPORT

Sample ID: PBWOK17ICW1

Batch ID OK17ICW1

Work Order: SO7841

Element Name	Flag	Result	Units	PQL	MDL	File
ARSENIC	U	0.008	mg/L	0.008	0.0014	IOK19A
BARIUM	U	0.0050	mg/L	0.0050	0.00023	IOK19A
CADMIUM	U	0.00500	mg/L	0.00500	0.000049	IOK19A
CHROMIUM	U	0.0100	mg/L	0.0100	0.00036	IOK19A
LEAD	U	0.005	mg/L	0.005	0.0011	IOK19A
SELENIUM	U	0.010	mg/L	0.010	0.0024	IOK19A
SILVER	U	0.0100	mg/L	0.0100	0.00026	IOK19A

U The analyte was not detected in the sample at a level greater than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



PREPARATION BLANK REPORT

Sample ID: PBWOK29HGW2

Batch ID OK29HGW2

Work Order: SO7841

Element Name	Flag	Result	Units	PQL	MDL	File
MERCURY	U	0.20	ug/L	0.20	0.013	HOK29A

U The analyte was not detected in the sample at a level greater than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSWOK17ICW1

Batch ID OK17ICW1

Work Order: SO7841

Element Name	True Value	Result	Units	Recovery(%)	Flag	EPA Limits	DoD Limits	File
ARSENIC	0.100	0.101	mg/L	101.0		80-120	87-113	IOK19A
BARIUM	2.00	2.07	mg/L	103.5		80-120	88-113	IOK19A
CADMIUM	0.250	0.261	mg/L	104.4		80-120	88-113	IOK19A
CHROMIUM	0.200	0.213	mg/L	106.5		80-120	90-113	IOK19A
LEAD	0.100	0.109	mg/L	109.0		80-120	86-113	IOK19A
SELENIUM	0.100	0.103	mg/L	103.0		80-120	83-114	IOK19A
SILVER	0.0500	0.0525	mg/L	105.0		80-120	84-115	IOK19A

- D Laboratory control sample recovery is outside DoD acceptance limits.
- S Laboratory control sample recovery is outside EPA acceptance limits.
- N Laboratory control sample recovery is outside DoD and EPA acceptance limits.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSWOK29HGW2

Batch ID OK29HGW2

Work Order: SO7841

Element Name	True Value	Result	Units	Recovery(%)	Flag	EPA Limits	DoD Limits	File
MERCURY	5.00	5.63	ug/L	112.6		80-120	82-119	HOK29A

- D Laboratory control sample recovery is outside DoD acceptance limits.
- S Laboratory control sample recovery is outside EPA acceptance limits.
- N Laboratory control sample recovery is outside DoD and EPA acceptance limits.

Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth, ME 04105

Lab Sample ID: SO7841-1
Report Date: 29-NOV-21
Project: DEP Meddy
SDG: SO7841

<u>Sample Description</u>				<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>					
R-50 WP				SL	09-NOV-21 13:45:00	10-NOV-21					
Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Cyanide, Reactive	U20. mg/Kg	20.	0.16	SW846 7.3.3	WG310126	16-NOV-21 17:33:38	SW846 7.3.4	16-NOV-21	ZF		
Ignitability	>71. Deg. C	71.	71.	SW846 1010A MOD	WG310271	11-NOV-21 10:19:00	N/A	N/A	SS		
Sulfide, Reactive	59. mg/Kg	50	16.39	SW846 7.3.4	WG310064	16-NOV-21 16:00:00	SW846 7.3.4	16-NOV-21	JJ		
Total Solids	84. %	1.0	N/A	SM2540G	WG310467	23-NOV-21 13:45:00	SM2540G	22-NOV-21	JJ		
pH(Soil)	6.2 pH	0.10	0.10	SW846 9045D	WG309873	10-NOV-21 17:52:45	SW846 9045D	10-NOV-21	SS		

Quality Control Report

Blank Sample Summary Report

Cyanide, Reactive

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG310126	SW846 7.3.3	16-NOV-21	16-NOV-21	U 20. mg/Kg	20. mg/Kg

Ignitability

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG310271	SW846 1010A MOD	11-NOV-21	N/A	> 71. Deg. C	71. Deg. C

Sulfide, Reactive

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG310064	SW846 7.3.4	16-NOV-21	16-NOV-21	U 50. mg/Kg	50. mg/Kg

Total Solids

<u>Samp Type</u>	<u>QC Batch</u>	<u>Anal. Method</u>	<u>Anal. Date</u>	<u>Prep. Date</u>	<u>Result</u>	<u>PQL</u>
MBLANK	WG310467	SM2540G	23-NOV-21	22-NOV-21	100 %	1.0 %

Quality Control Report

Laboratory Control Sample Summary Report

Cyanide, Reactive

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG310126-2	LCS	WG310126	16-NOV-21	16-NOV-21	mg/Kg	20	J 4.8	24	0-100	

Ignitability

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG310271-2	LCS	WG310271	11-NOV-21	N/A	Deg. C	27	26.	97	80-120	
WG310271-3	LCS	WG310271	11-NOV-21	N/A	Deg. C	27	25.	94	80-120	

Sulfide, Reactive

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG310064-2	LCS	WG310064	16-NOV-21	16-NOV-21	mg/Kg	879.8	560	63	50-150	

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG310467-2	LCS	WG310467	23-NOV-21	22-NOV-21	%	90	90.	100	90-110	

pH(Soil)

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG309873-1	LCS	WG309873	10-NOV-21	10-NOV-21	pH	7	7.0	100	90-110	

Quality Control Report
Duplicate Sample Summary Report

Total Solids

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG310467-3	SO7841-1	WG310467	23-NOV-21	%	84.	84.	1	

Katahdin Analytical Services, LLC.

Sample Receipt Condition Report

Client: <i>Campbell Enviro</i>	KAS PM: <i>APC</i>	Sampled By: <i>Client</i>
Project:	KIMS Entry By: <i>GV</i>	Delivered By: <i>Client</i>
KAS Work Order#: <i>SO 7841</i>	KIMS Review By: <i>APC</i>	Received By: <i>MLV</i>
	Labeled By: <i>GV</i>	
SDG #:	Cooler: <u> 1 </u> of <u> 1 </u>	Date/Time Rec.: <i>11/10/21 1430</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		<input checked="" type="checkbox"/>			
2. Chain of Custody present in cooler?	<input checked="" type="checkbox"/>				
3. Chain of Custody signed by client?	<input checked="" type="checkbox"/>				
4. Chain of Custody matches samples?	<input checked="" type="checkbox"/>				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	<input checked="" type="checkbox"/>				Temp (°C): <i>12.9</i> Thermometer ID: IR-1
Samples received at <6 °C w/o freezing?		<input checked="" type="checkbox"/>			Note: Not required for metals (except Hg soil) analysis.
Ice packs or ice present?	<input checked="" type="checkbox"/>				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?		<input checked="" type="checkbox"/>			
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			Note: No cooling process required for metals (except Hg soil) analysis.
6. Volatiles: Aqueous: No bubble larger than a pea? Soil/Sediment: Received in airtight container? Received in methanol? Methanol covering soil? D.I. Water - Received within 48 hour HT?				<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
7. Trip Blank present in cooler?				<input checked="" type="checkbox"/>	
8. Proper sample containers and volume?	<input checked="" type="checkbox"/>				
9. Samples within hold time upon receipt?	<input checked="" type="checkbox"/>				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2 Sulfide - >9 Cyanide – pH >12				<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
11. Bottleware Prepped on:					

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments.



Katahdin Analytical Services
Login Chain of Custody Report (Ino1)

Nov. 15, 2021

04:11 PM

Login Number: SO7841

Account: CAMPBE001

Campbell Environmental Group

Project:

Primary Report Address:

Rich Campbell
Campbell Environmental Group
173 Gray Road

Falmouth, ME 04105

rcampbell@cegenvironmental.com

Primary Invoice Address:

Accounts Payable
Campbell Environmental Group
173 Gray Road

Falmouth, ME 04105

rcampbell@cegenvironmental.com

Report CC Addresses:

Invoice CC Addresses:

Quote/Incoming:

Login Information:

ANALYSIS INSTRUCTIONS :
CHECK NO. :
CLIENT PO# :
CLIENT PROJECT MANAGE :
CONTRACT :
COOLER TEMPERATURE : 12.9
DELIVERY SERVICES : Client
EDD FORMAT : KAS064QC-XLS
LOGIN INITIALS : GN
PM : APC
PROJECT NAME : DEP Meddy
QC LEVEL : II+
REPORT INSTRUCTIONS : email pdf, edd and invoice to Rich, no HC
SDG ID :
SDG STATUS :
VERBAL TAT :

Nov. 15, 2021

04:11 PM

Login Number: SO7841

Quote/Incoming:

Account: CAMPBE001

Campbell Environmental Group

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	Verbal PR Date	Due Date	Mailed
SO7841-1	R-50 WP	09-NOV-21 13:45	10-NOV-21		20-NOV-21	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Solid	S SW1010-IGNITABILITY	23-NOV-21	250mL Plastic			
Solid	S SW7.3.4-REAC CYANIDE	23-NOV-21	500mL P+ZnAc/NaOH			
Solid	S SW7.3.4-REAC SULFIDE	16-NOV-21	100g Glass			
Solid	S SW8081	23-NOV-21	100g Glass			
Solid	S SW8082	09-DEC-21	100g Glass			
Solid	S SW8151	23-NOV-21	100g Glass			
Solid	S SW8260FULL5ML	23-NOV-21	40 mL Vial+DI+MEOH			
Solid	S SW8270PAH	23-NOV-21	1L N-Amber Glass			
Solid	S SW9045C-PH SOIL	11-NOV-21	100g Glass			
Solid	P TCLP-METALS					
	SW1311-EXT	SW3010-PREP-TCLP	TCLP-ARSENIC			
	TCLP-BARIUM	TCLP-CADMIUM	TCLP-CHROMIUM			
	TCLP-LEAD	TCLP-MERCURY	TCLP-SELENIUM			
	TCLP-SILVER					
Solid	S TS-ME	16-NOV-21				
Service	S WASTE-DISPOSAL					

Total Samples: 1

Total Analyses: 12

APPENDIX C

TRANSPORTATION AND DISPOSAL FACILITY DOCUMENTATION



INVOICE

Customer ID:**25-57788-13003**

Customer Name:

CAMPBELL ENVIRONMENTAL GROUP, INC.

Service Period:

01/16/22 - 01/31/22

Invoice Date:

02/01/2022

Invoice Number:

0056386-2128-3

How To Contact Us

Visit wm.com to sign up for paperless billing or pay your invoices.

Visit wmsolutions.com to manage your waste streams and access additional disposal documentation.



Customer Service:
(800) 963-4776

Your Payment Is Due

03/02/2022

If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of \$5, or such late charge allowed under applicable law, regulation or contract.

Your Total Due

\$59,628.90

Previous Balance	+	Payments	+	Adjustments	+	Current Invoice Charges	=	Total Account Balance Due
0.00		0.00		0.00		59,628.90		59,628.90

DETAILS OF SERVICE

Details for Service Location: **Campbell Environmental Group, Inc., 173 Gray Rd, Falmouth ME 04105-2514**

Customer ID: 25-57788-13003

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
Vehicle#: CROSS102	01/20/22	1074512				0.00
Cont. Soil - Metals			27.50	TON	70.00	1,925.00
MAINE WASTE MANAGEMENT FEE						137.50
TRANSPORTATION			27.50	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE						0.00
HAZARDOUS W						0.00
Manifest#: NA						0.00
Ticket Total						3,602.50

----- Please detach and send the lower portion with payment ----- (no cash or staples) -----

Waste Management
WASTE MANAGEMENT
WASTE MANAGEMENT DISPOSAL
SERVICES OF MAINE, INC.
PO BOX 42090
PHOENIX, AZ 85080
(800) 963-4776
(716) 286-1550

Invoice Date	Invoice Number	Customer ID <i>(Include with your payment)</i>
02/01/2022	0056386-2128-3	25-57788-13003
Payment Terms	Total Due	Amount
Total Due by 03/02/2022	\$59,628.90	

2128000255778813003000563860000596289000005962890 1

0029440 01 AB 0.458 **AUTO T6 2 7032 04105-251473 -C04-P29469-11

I0444L30

CAMPBELL ENVIRONMENTAL GROUP, INC.
173 GRAY RD
FALMOUTH ME 04105-2514



Remit To:

WM CORPORATE SERVICES, INC.
AS PAYMENT AGENT
PO BOX 13648
PHILADELPHIA, PA 19101-3648

THINK GREEN.



Printed on recycled paper.






0029440-00000001-0035526

DETAILS OF SERVICE - continued

Details for Service Location: **Campbell Environmental Group, Inc., 173 Gray Rd, Falmouth ME 04105-2514** **Customer ID: 25-57788-13003**

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
Vehicle#: CROSS103	01/20/22	1074518				0.00
Cont. Soil - Metals			24.42	TON	70.00	1,709.40
MAINE WASTE MANAGEMENT FEE						122.10
TRANSPORTATION			24.42	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W						0.00

5 EASY WAYS TO PAY


-  **Automatic Payment**
Set up recurring payments with us at wm.com/myaccount.
-  **Pay Through Your Financial Institution**
Make a payment from your financial institution using your Customer ID.
-  **One-Time Payment**
At your desk or on the go, use wm.com or our WM mobile app for a quick and easy payment.
-  **Pay by Phone**
Payable 24/7 using our automated system at 866-964-2729.
-  **Mail it**
Write it, stuff it, stamp it, mail it. Envelope provided.

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How To Contact Us

Visit wm.com

To set up your online profile, sign up for paperless billing, manage your account, view holidays schedules, pay your bill or schedule a pickup:

 Custom or Service: (866) 964-4458

Your Payment Is Due

August 19, 2017

If full payment of the invoiced amount is not received by the invoice due date, you will be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum charge of \$5.00, or such lesser late charge allowed under applicable law, regulation or contract.

Your Total Due

\$124.73

If payment is received after 08/19/2017: **\$126.60**

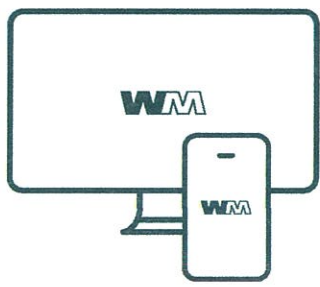
See reverse for important messages

Previous Balance	Payments	Adjustments	Current Charges	Total Due
7.12	(97.12)	0.00	124.73	124.73

Details for Service Location: 311 Jackson Street, Stockton CA 95205 Customer ID: 2-82290-00885
PO Numbers: 45693


Description	Date	Ticket	Quantity	Amount
SG - Toner	07/20/17		1.00	50.00
SG - Toner Recycle	07/01/17		1.00	0.00
Enroll - Setup Service	07/01/17	5934	1.00	15.00
Fuel/Environmental Charge				19.73
Total Current Charges				124.73

- 1** States the date payment is due to Waste Management. Anything beyond that date may incur additional charges. Your **Total Due** is the total amount of current charges and any previous unpaid balances combined.
- 2** Previous balance is the total due from your previous invoice. We subtract any **Payments Received/Adjustments** and add your **Current Charges** from this billing cycle to get a **Total Due** on this invoice. If you have not paid all or a portion of your previous balance, please pay the entire **Total Due** to avoid a late charge or service interruption.
- 3** Service location details the total current charges of this invoice.



Get More with My WM

Create a My WM profile to enroll in AutoPay & Paperless Billing, manage your services, view your pickup schedule and see your pickup ETA, all in one place.



Scan the QR code to get started today!

If your service is suspended for non-payment, you may be charged a Resume charge to restart your service. For each returned check, a charge will be assessed on your next invoice equal to the maximum amount permitted by applicable state law.

CHECK HERE TO CHANGE CONTACT INFO

List your new billing information below. For a change of service address, please contact Waste Management.

Address 1	
Address 2	
City	
State	
Zip	
Email	
Date Valid	

CHECK HERE TO SIGN UP FOR AUTOMATIC PAYMENT ENROLLMENT

If I enroll in Automatic Payment services, I authorize Waste Management to pay my invoice by electronically deducting money from my bank account. I can cancel authorization by notifying Waste Management at wm.com or by calling the customer service number listed on my invoice. Your enrollment could take 1-2 billing cycles for Automatic Payments to take effect. Continue to submit payment until page one of your invoice reflects that your payment will be deducted.

Email Address	
Date	
Bank Account Holder Signature	

NOTICE: By sending your check, you are authorizing the Company to use information on your check to make a one-time electronic debit to your account at the financial institution indicated on your check. The electronic debit will be for the amount of your check and may occur as soon as the same day we receive your check.

In order for us to service your account or to collect any amounts you may owe (for non-marketing or solicitation purposes), we may contact you by telephone at any telephone number that you provided in connection with your account, including wireless telephone numbers, which could result in charges to you. Methods of contact may include text messages and using pre-recorded/artificial voice messages and/or use of an automatic dialing device, as applicable. We may also contact you by email or other methods as provided in our contract.

Please send all bankruptcy correspondence to RMCbankruptcy@wm.com or PO Box 43290 Phoenix, AZ 85080. Using the email option will expedite your request. (this language is in compliance with 11 USC 342(c)(2) of the Bankruptcy Code)

Customer ID:

25-57788-13003

Customer Name:

CAMPBELL ENVIRONMENTAL GROUP, INC.

Service Period:

01/16/22 - 01/31/22

Invoice Date:

02/01/2022

Invoice Number:

0056386-2128-3

DETAILS OF SERVICE - continued

Details for Service Location:

Customer ID: 25-57788-13003

**Campbell Environmental Group, Inc., 173 Gray Rd, Falmouth ME
04105-2514**

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
Manifest#: NA						0.00
Ticket Total						3,371.50
Vehicle#: CROSS102	01/21/22	1074635				0.00
Cont. Soil - Metals			30.38	TON	70.00	2,126.60
MAINE WASTE MANAGEMENT FEE						151.90
TRANSPORTATION			30.38	TON	55.00	1,670.90
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE						0.00
HAZARDOUS W						0.00
Manifest#: NA						0.00
Ticket Total						3,949.40
Vehicle#: CROSS103	01/21/22	1074637				0.00
Cont. Soil - Metals			32.20	TON	70.00	2,254.00
MAINE WASTE MANAGEMENT FEE						161.00
TRANSPORTATION			32.20	TON	55.00	1,771.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE						0.00
HAZARDOUS W						0.00
Manifest#: NA						0.00
Ticket Total						4,186.00
Vehicle#: CROSS102	01/24/22	1074758				0.00
Cont. Soil - Metals			32.23	TON	70.00	2,256.10
MAINE WASTE MANAGEMENT FEE						161.15
TRANSPORTATION			32.23	TON	55.00	1,772.65
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE						0.00
HAZARDOUS W						0.00
Manifest#: NA						0.00
Ticket Total						4,189.90
Vehicle#: CROSS103	01/24/22	1074764				0.00
Cont. Soil - Metals			28.52	TON	70.00	1,996.40
MAINE WASTE MANAGEMENT FEE						142.60
TRANSPORTATION			28.52	TON	55.00	1,568.60
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE						0.00
HAZARDOUS W						0.00
Manifest#: NA						0.00
Ticket Total						3,707.60
Vehicle#: CROSS102	01/24/22	1074864				0.00
Cont. Soil - Metals			27.94	TON	70.00	1,955.80
MAINE WASTE MANAGEMENT FEE						139.70
TRANSPORTATION			27.94	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE						0.00
HAZARDOUS W						0.00
Manifest#: NA						0.00
Ticket Total						3,635.50
Vehicle#: CROSS103	01/24/22	1074867				0.00
Cont. Soil - Metals			26.09	TON	70.00	1,826.30
MAINE WASTE MANAGEMENT FEE						130.45
TRANSPORTATION			26.09	TON	55.00	1,540.00



DETAILS OF SERVICE - continued

Details for Service Location:

Customer ID: 25-57788-13003

Campbell Environmental Group, Inc., 173 Gray Rd, Falmouth ME
04105-2514

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: NA						0.00
Ticket Total						3,496.75
Vehicle#: CROSS102	01/25/22	1074898				0.00
Cont. Soil - Metals			31.37	TON	70.00	2,195.90
MAINE WASTE MANAGEMENT FEE						156.85
TRANSPORTATION			31.37	TON	55.00	1,725.35
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: NA						0.00
Ticket Total						4,078.10
Vehicle#: CROSS103	01/25/22	1074903				0.00
Cont. Soil - Metals			26.10	TON	70.00	1,827.00
MAINE WASTE MANAGEMENT FEE						130.50
TRANSPORTATION			26.10	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: NA						0.00
Ticket Total						3,497.50
Vehicle#: CROSS103	01/26/22	1075027				0.00
Cont. Soil - Metals			25.55	TON	70.00	1,788.50
MAINE WASTE MANAGEMENT FEE						127.75
TRANSPORTATION			25.55	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: XX						0.00
Ticket Total						3,456.25
Vehicle#: CROSS102	01/26/22	1075030				0.00
Cont. Soil - Metals			25.95	TON	70.00	1,816.50
MAINE WASTE MANAGEMENT FEE						129.75
TRANSPORTATION			25.95	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: NA						0.00
Ticket Total						3,486.25
Vehicle#: CROSS103	01/26/22	1075136				0.00
Cont. Soil - Metals			28.39	TON	70.00	1,987.30
MAINE WASTE MANAGEMENT FEE						141.95
TRANSPORTATION			28.39	TON	55.00	1,561.45
Profile # 524233ME						0.00
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: NA						0.00
Ticket Total						3,690.70
Vehicle#: CROSS102	01/26/22	1075137				0.00
Cont. Soil - Metals			26.83	TON	70.00	1,878.10
MAINE WASTE MANAGEMENT FEE						134.15
TRANSPORTATION			26.83	TON	55.00	1,540.00
Minimum charge applied						0.00
Profile # 524233ME						0.00

Customer ID:

25-57788-13003

Customer Name:

CAMPBELL ENVIRONMENTAL GROUP, INC.

Service Period:

01/16/22 - 01/31/22

Invoice Date:

02/01/2022

Invoice Number:

0056386-2128-3

DETAILS OF SERVICE - continued

Details for Service Location: **Customer ID: 25-57788-13003**
Campbell Environmental Group, Inc., 173 Gray Rd, Falmouth ME
04105-2514

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: NA Ticket Total						0.00 0.00 3,552.25
Vehicle#: CROSS102 Cont. Soil - Metals MAINE WASTE MANAGEMENT FEE TRANSPORTATION Profile # 524233ME Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: #15 Ticket Total	01/27/22	1075166	32.49	TON	70.00	0.00 2,274.30 162.45 1,786.95 0.00 0.00 4,223.70
Vehicle#: CROSS103 Cont. Soil - Metals MAINE WASTE MANAGEMENT FEE TRANSPORTATION Minimum charge applied Profile # 524233ME Generator UNKNOWN GENERATOR C/O DEP - MAINE HAZARDOUS W Manifest#: #16 Ticket Total	01/27/22	1075168	26.20	TON	70.00	0.00 1,834.00 131.00 1,540.00 0.00 0.00 0.00 0.00 3,505.00
Total Current Charges						59,628.90

Lab	Excavate	Drill	Other	Material
Account				
Job Name DEP CSM. Th Medley				
Job + Task # 0821-391-01 - #05 + #11				
Approval + Date RLOK 2/8/22				





PINE TREE WASTE
PO BOX 1372
WILLISTON, VT 05495-1372

INVOICE

SERVICE ADDRESS
881 MAIN ST
MEDDYBEMPS ME

ESTABLISHED 1975
CUSTOMER NUMBER 14-05862 9
INVOICE # 1487360
BILLING INQUIRIES (800) 639-6205
INVOICE DATE 3/28/22

DATE	DESCRIPTION	QTY.	RATE	TOTAL
	WORK ORDER#: 1484323			
3/15/22	100YD TRLR LC HAUL MISC			1,000.00
	WORK ORDER#: 1484325			
3/15/22	100YD TRLR LC HAUL MISC			1,000.00
	WORK ORDER#: 1484326			
3/15/22	100YD TRLR LC HAUL MISC			1,000.00
	WORK ORDER#: 1484327			
3/15/22	100YD TRLR LC HAUL MISC			1,000.00
--- TOTAL TAXES AND FEES ---				
Total Roll Off Service Fee:				320.00
For details on fees, visit casella.com/fees				

Lab	Excavate	Drill	Other	Material
Account				
Job Name		Smith Meddybemps		
Job + Task #		0821-391-00 / 11		
Approval + Date		Rook 4/26/22		

FOR SERVICE DURING

652306B (PC2)
PAY THIS AMOUNT
\$4320.00



PLEASE DO NOT SEND CORRESPONDENCE OR PAYMENT TO THIS P.O. BOX



PINE TREE WASTE
PO BOX 3495
TOLEDO, OH 43607



INVOICE #	INVOICE AMOUNT	CUST #
1487360	\$4320.00	14-05862 9

PAYMENT DUE 30 DAYS FROM
INVOICE DATE (A LATE FEE WILL
BE APPLIED TO ANY BALANCE OVER
30 DAYS)

AMOUNT ENCLOSED

\$ _____

DUE DATE: 04/27/2022 **PLEASE SEND PAYMENTS TO:**



31202-GH42*TAR0X6RVJ000044

002175
0101



CAMPBELL ENVIRONMENTAL
173 GRAY RD
FALMOUTH, ME 04105-2514



PINE TREE WASTE
PO BOX 1372
WILLISTON, VT 05495-1372

Please check box if above address is incorrect or information has changed, and indicate change(s) on reverse side.

2148736014058629004320009

INVOICE

SERVICE ADDRESS
173 GRAY ROAD
FALMOUTH ME 04105

CUSTOMER NUMBER LG-00575 3
INVOICE # 112769
BILLING INQUIRIES (207) 862-4200
INVOICE DATE 3/21/22

DATE	DESCRIPTION	QTY.	RATE	TOTAL
3/15/22	CONTAMINATED SOIL	32.23	68.440	2,205.82
3/15/22	WEIGHT TICKET#:482891			.00
3/15/22	P.O.:1000			.00
3/15/22	CONTAMINATED SOIL	29.87	68.440	2,044.30
3/15/22	WEIGHT TICKET#:482892			.00
3/15/22	P.O.:1001			.00
3/15/22	CONTAMINATED SOIL	23.70	68.440	1,622.03
3/15/22	WEIGHT TICKET#:482959			.00
3/15/22	TRAILER #: 517			.00
3/15/22	P.O.:1002			.00
3/15/22	CONTAMINATED SOIL	18.94	68.440	1,296.25
3/15/22	WEIGHT TICKET#:482960			.00
3/15/22	TRAILER #: 520			.00
3/15/22	P.O.:1003			.00

Lab	Excavate	Drill	Other	Material
Account				
Job Name <i>DEP Csm th meddy</i>				
Job + Task # <i>0821-391-01 #05</i>				
Approval + Date <i>ROCK 4/4/22</i>				

FOR SERVICE DURING

652306B (PC2)

PAY THIS AMOUNT
\$7168.40



PLEASE DO NOT SEND CORRESPONDENCE OR PAYMENT TO THIS P.O. BOX



INVOICE #	INVOICE AMOUNT	CUST #
112769	\$7168.40	LG-00575 3

PAYMENT DUE 30 DAYS FROM
INVOICE DATE (A LATE FEE WILL
BE APPLIED TO ANY BALANCE OVER
30 DAYS)

AMOUNT ENCLOSED
\$ _____

DUE DATE: 04/20/2022 **PLEASE SEND PAYMENTS TO:**



31202-GH42*TAK0QU2BJ000018

001953
0101



CAMPBELL ENVIRONMENTAL
173 GRAY ROAD
FALMOUTH, ME 04105-2514



NEWSME LANDFILL OPERATIONS, LLC
PO BOX 1372
WILLISTON, VT 05495-1372



NEWSME LANDFILL OPERATIONS, LLC
 PO BOX 1372
 WILLISTON, VT 05495-1372

INVOICE

SERVICE ADDRESS
 173 GRAY ROAD
 FALMOUTH ME 04105

CUSTOMER NUMBER LG-00575 3
 INVOICE # 112803
 BILLING INQUIRIES (207) 862-4200
 INVOICE DATE 3/28/22

DATE	DESCRIPTION	QTY.	RATE	TOTAL
3/24/22	CONTAMINATED SOIL	9.31	68.440	637.18
3/24/22	WEIGHT TICKET#:483924			.00
3/24/22	P.O.:1486208			.00

Lab	Excavate	Drill	Other	Material
Account				
Job Name	Smith / Meddybemps			
Job + Task #	0821-391-00 / 11			
Approval + Date	RUC 4/26/22			

FOR SERVICE DURING

652306B (PC2)

PAY THIS AMOUNT
\$637.18



PLEASE DO NOT SEND CORRESPONDENCE OR PAYMENT TO THIS P.O. BOX



NEWSME LANDFILL OPERATIONS, LLC
 PO BOX 3495
 TOLEDO, OH 43607



INVOICE #	INVOICE AMOUNT	CUST #
112803	\$637.18	LG-00575 3

PAYMENT DUE 30 DAYS FROM
 INVOICE DATE (A LATE FEE WILL
 BE APPLIED TO ANY BALANCE OVER
 30 DAYS)

AMOUNT ENCLOSED
 \$ _____

DUE DATE: 04/27/2022 **PLEASE SEND PAYMENTS TO:**



31202-GH42*TAR0XB9HH000015

002183
0101

CAMPBELL ENVIRONMENTAL
 173 GRAY ROAD
 FALMOUTH, ME 04105-2514

NEWSME LANDFILL OPERATIONS, LLC
 PO BOX 1372
 WILLISTON, VT 05495-1372

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20112803LG005753000637182