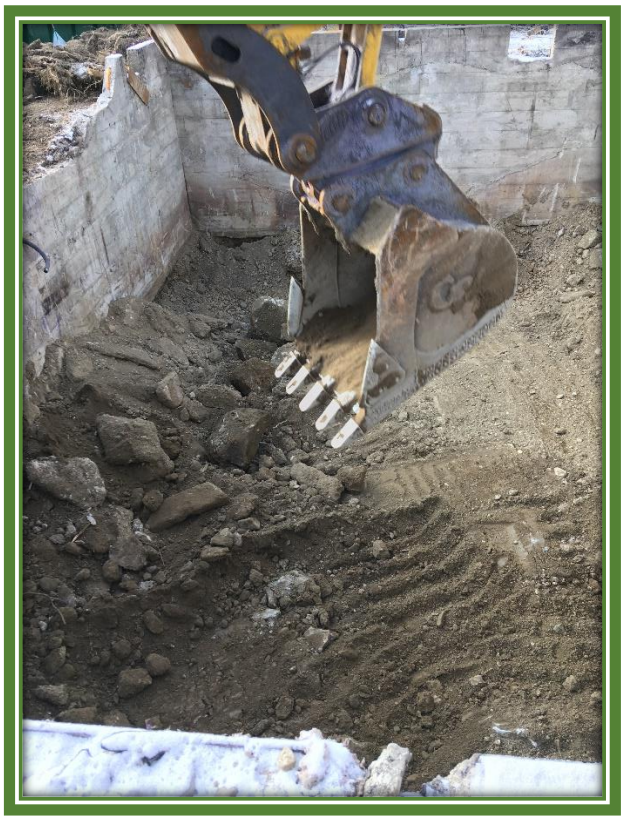
Summary Report
Remediation of Wastes

Charlotte Smith Property
881 Main Street, Meddybemps, Maine



Prepared for:

Nicholas Mayhew
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333

Prepared by:

Campbell Environmental Group
173 Gray Road
Falmouth, Maine 04105

Submitted: August 15, 2022
Revised October 6, 2022

CAMPBELL
ENVIRONMENTAL GROUP

October 6, 2022

Nicholas Mayhew
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333

Re: Summary Report
Remediation of Wastes
Charlotte Smith Property
Meddybemps, Maine

Dear Mr. Mayhew:

Campbell Environmental Group, Inc. (CEG) has prepared this Summary Report to detail the remediation of asbestos containing materials, the removal of solid wastes, the demolition of the former residence and barn, the abandonment of the on-Site monitoring wells, and the remediation solvent-impacted concrete and soil from the basement and soil below the basement of the Charlotte Smith Property in Meddybemps, Maine.

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

Sincerely,

STATE OF MAINE
RICHARD B. CAMPBELL NO. 383
GEOLOGIST

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), completed the work required to minimize the threat to human health and the environment at the Charlotte Smith Property (Site) located at 881 Main Street, Meddybemps, Maine. The Site includes a barn and 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.

Polychlorinated biphenyls (PCBs) were identified on the Site and were removed to a licensed off-site disposal facility in 2022. The removal was performed according to procedures described in the MEDEP and the United States Environmental Protection Agency (USEPA) approved correspondence titled, *PCB Cleanup and Disposal Approval under 40 CFR § 761.61(a) Charlotte Smith Property Meddybemps, Maine* and dated December 13, 2021. Following the completion of the PCB removal and Site restoration, a report was prepared and titled*, Summary Report Cleanup of PCB Remediation Waste Notification Charlotte Smith Property 881 Main Street, Meddybemps, Maine*, dated June 24, 2022.

Asbestos containing materials previously identified in the residence were removed and disposed of at the Crossroads Landfill in late December 2021 with a total of 1.5 cubic yards of material being transported to the landfill on December 21, 2021. No asbestos containing materials were identified in the barn. Following the asbestos removal, CEG supervised the demolition of the former residence and barn. Once these structures were demolished, a total of 40.78 tons of solid waste including all of the materials from the residence, barn, and yard, were transported to the Juniper Ridge Landfill for disposal. Several mercury thermostats were transported to the Calais, Maine, ACE Hardware store for recycling and a large number of car and truck tires were disposed of at the Marion Transfer Station. The on-Site monitoring wells were abandoned following MEDEP standard operating procedures on January 6, 2022.

CEG supervised the removal of 149.84 tons of solvent-impacted concrete and soil from the residence's concrete foundation and underlying soil. The solvent-impacted concrete and soil were transported as hazardous waste to Englobe Corp USA, located in Quebec Provence, Canada for disposal. Following the removal, CEG collected soil samples from the soil that remained in place for laboratory analysis of volatile organic compounds (VOCs). The results of the VOCs laboratory analysis demonstrated that the remaining soil was within the MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances, dated May 10, 2013 (RAGS) for VOCs. The site was then backfilled using clean fill, concrete from the western and southern vertical basement walls, and loam. Final restoration included grading and seeding the loam to create an attractive greenspace.

1.0 INTRODUCTION

1.1 Background

The Site is an approximately 0.7-acre parcel with an address of 881 Main Street, identified by the Town of Meddybemp's tax assessor as Map 12, Lot 9. Ownership of the property transferred from Charlotte Smith to her granddaughter, Dawn Smith, 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. A water supply well is located at the Site approximately 15 feet from the southeast corner of the former 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.

According to 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, hazardous waste was identified "*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 PCE, were removed from the basement of the home. 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 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 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 on-Site monitoring wells indicates the presence of PCE. Sampling of Site soils had previously shown isolated areas with VOC, polycyclic aromatic hydrocarbons (PAH) and polychlorinated biphenyls (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 below 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. Two additional surface soil samples 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 RAGS. PCBs were detected at five locations (SS-101, SS-103, SS-104, SS-105, and SS-106) above the TSCA high occupancy cleanup values.

MEDEP also collected near surface soil samples for laboratory analysis of PCBs in 13 soil borings completed in the area where PCB-impacted soil was observed. Samples exceeding 1 mg/kg of PCBs included 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 from SB-104 and SB-111 at five to seven feet below grade had concentrations below 0.04 mg/kg for PCBs.

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 corresponding 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 indicated that in isolated areas, soils at the Site remain impacted. Surface soil in the area directly to the north of the house was contaminated with PCBs exceeding regulatory guidelines. Sub-slab soil gas and indoor air sample results indicated that the soils underlying the house foundation floor are likely highly contaminated and are resulting in contaminated indoor air within the house.

In January through March 2022, CEG supervised the excavation and disposal of PCB impacted soil from the Site. CEG followed 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. CEG completed additional characterization, sampling of PCB-impacted soil on a 10-foot grid surrounding the PCB-impacted area previously identified by MEDEP. CEG collected approximately 117 characterization samples between September 17, 2021 through December 3, 2021, to complete the assessment and determine the lateral and vertical extent of PCB-impacted soils with concentrations greater than 1 mg/kg. 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 in areas where the PCB concentrations were greater than 1 mg/kg. Excavation exceeded 1-foot thick in many areas due to the depth of frost at the time of excavation. The perimeter of the excavated area was estimated at 7,940 square feet. Excavation and disposal of PCB-impacted soil ended when the area was within the 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 Crossroads and Juniper Ridge waste disposal facilities between January 20, 2022 and March 24, 2022. A report that described the work was prepared by CEG and is titled, *Summary Report Cleanup of PCB Remediation Waste Notification Charlotte Smith Property 881 Main Street, Meddybemps, Maine*, dated June 24, 2022.

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 that the site will remain uninhabited.

2.0 CHARACTERIZATION, EXCAVATION AND DISPOSAL, AND CONFIRMATION SAMPLING

2.1 Scope of Work

Campbell Environmental Group, Inc. (CEG) completed the following scope of work:

- Attended a pre-removal meeting with personnel from the MEDEP;
- Coordinated marking the Site and obtaining Site clearance with DigSafe;
- Prepared a Site Specific Health and Safety Plan to meet Occupational Health and Safety requirements;
- Mobilized to the Site with subcontractors Allstate Environmental Services (AES) and Eastern Maine Environmental (EME);
- Asbestos removal within the former Charlotte Smith residence was completed by EME and asbestos containing materials were assessed within the barn by EME. All materials considered solid waste within the residence were removed prior to the abatement. All asbestos containing materials and solid waste were transported to the Juniper Ridge Landfill.
- Chlorinated Solvent-impacted concrete from the basement of the residence and soil located below the basement, were removed and disposed of at a licensed disposal facility. One sample from concrete and one from the soil were collected for waste disposal characterization. The samples were submitted to the waste disposal facility for analysis. CEG provided in-field air monitoring during the removal of the solvent impacted media. CEG collected confirmation soil samples upon removal of the solvent-impacted materials and then supervised the removal of two additional rounds of excavation and disposal when elevated concentrations of solvents were detected following soil removals. CEG completed a final round of confirmation sampling at the conclusion of the soil removal efforts;
- Monitoring wells were abandoned in place according to MEDEP standard operating procedures and the abandonment forms for each well are included in **Appendix E**;
- Site Restoration was completed following the remedial work; and
- This draft report was prepared and submitted to the MEDEP and upon MEDEP approval, a final report will be resubmitted to the MEDEP and the Site owner.

2.2 Pre-Removal Meeting and DigSafe Marking

On September 17, 2021, CEG met Mr. Nicholas Mayhew from the MEDEP on-Site to discuss the work scope. On the same date, the area was marked for DigSafe clearance and a notification to DigSafe was completed.

2.3 Health and Safety Plan

The purpose of the Site-specific Health and Safety Plan (HASP) is to provide guidance, standards, and critical information necessary to address health and safety issues at the Site. CEG prepared a Site-specific HASP to comply with Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120 regulations. The HASP included, but was not limited to, personal protective equipment requirements, air monitoring guidelines and action levels, site hazards and controls, emergency telephone numbers, a contingency plan that conforms with 29 CFR 1910.120(1)(1) and (1)(2) for Site emergencies, and Material Safety Data Sheets (MSDS) for potential constituents of concern.

2.4 Site Mobilization, Residence and Barn Demolition, and Removal of Solid Wastes

AES mobilized to the Site on December 15, 2021. AES commenced with vegetation removal in preparation of subsequent demolition and remediation work. AES also installed erosion control measures. EME mobilized to the Site on November 9 to complete the barn asbestos characterization and then again in late December 2021, to complete asbestos abatement inside the residence.

AES completed the demolition of the residence and barn during the last two weeks of December 2021. Prior to demolition, the current owner Mr. Chip Smith, was given several opportunities to remove any materials from the house and barn. Mr. Smith did collect some of the items and CEG did not track the items removed by Mr. Smith. Following demolition activities, solid waste including all of the materials from the residence, barn, and yard, were removed to the Juniper Ridge Landfill located in Alton, Maine. The 40.78 tons of solid wastes included typical household items, clothes, books, tools, an old freezer, clean and PCB-free transformer casings, generators, shelving, former empty tanks, perforated gas cylinders, perforated fire extinguishers, and metal equipment remnants from the former dam and hydroelectric plant. Several mercury thermostats were removed prior to demolition and were transported to the Calais, Maine, ACE Hardware store for recycling. No other universal wastes were observed within the residence, barn or yard. A large number of car and truck tires were also disposed of at the Marion Transfer Station. The tires were transported to the station by Smiths Towing and Recovery on January 13, 2022.

2.5 Asbestos Characterization and Abatement

On November 9, 2021, EME collected 18 samples from six homogenous groups of suspected asbestos containing materials (ACM) from the barn, for laboratory analysis at SanAir Technology Laboratories, located in North Chesterville, Virginia. No ACM were detected in the barn samples. The EME report detailing the sampling is included in Appendix D. EME completed asbestos abatement of the former residence during the final week of December 2021. Approximately 325 square feet of ACM sheet flooring documented in the January 19, 2021 report prepared by CES, Inc. of Bangor Maine and titled, *Limited*

Hazardous Building Materials Inventory, Charlotte Smith Property, 881 Main Street, Meddybemps, Maine, was removed. The ACM was disposed of at the Crossroads Landfill, located in Norridgewock, Maine. The waste were shipped on December 21, 2021 and the manifest is attached in **Appendix D**.

2.6 Well Abandonment

AES performed the abandonment of monitoring wells CS-1A, CS-1B, CS-2B, and CS-3B on January 6, 2022. The wells were previously installed by MEDEP in October 2004. The water supply well was not abandoned. Each well was abandoned according to the MEDEP *Guidance for Well and Boring Abandonment*, dated January 7, 2009. The wells were filled with bentonite by pouring the material into the wells. Once complete, the standpipes and approximately five feet of the surface PVC well casings were removed to below grade. A well abandonment form was completed for each well and are attached in **Appendix E**.

2.7 Chlorinated Solvent Characterization and Remediation

Two waste characterization samples were collected on October 5, 2021. One sample was collected from the concrete floor of the Charlotte Smith residence's basement and the second sample was collected from soil below the basement. All sample containers were labeled with the sample identification, the date and time of collection, requested testing parameter(s), and sample location. The samples were picked up by representatives of the disposal facility, Englobe Corp USA, located in Quebec Provence, Canada (Englobe), for characterization and disposal acceptance at their laboratory.

During the final week of December 2021 and the first week of January 2022, the concrete floor of the residence and two feet of soil located below the concrete floor was removed for off-Site disposal as hazardous waste to Englobe Corp USA, located in Quebec Provence, Canada. A total of 149. 84 tons of soil and concrete hazardous waste were removed. Starting on January 6, following the removal of soil and concrete as well as subsequent confirmation sampling, the southern concrete wall of the basement was broken into pieces and knocked into the base of the excavation. Clean fill was then placed onto the broken concrete and filled to the surface level, leaving the north, east, and western concrete walls in place below surface grade. The soil was compacted using the excavator.

On January 4 through January 6, 2022, soil at the base of the concrete was sampled using MEDEP protocols for headspace analysis using a MEDEP approved MiniRae Lite photoionization detector (PID). Twenty four samples were collected at depths that ranged from 0.25 to 2 feet below grade. The samples were heated in a vehicle and the soil temperature was measured at the time of analysis. VOC concentrations were relatively low and are summarized in **Table 1,** with their approximate locations on **Figure 2**. The air space was also monitored for worker safety during the excavation and removal of the solvent-impacted soil to trucks for off-Site disposal.

Table 1 Results of Photoionization Monitoring Soil Below Basement Foundation			
Sample ID	Depth of Sample in Feet Below Grade	Temperature in Fahrenheit	Concentration in Parts per Million
BSS-1	1 to 2	81	0.8
BSS-2	1 to 2	65	5
BSS-3	1 to 2	72	2.3
BSS-4	0 to 1	74	2.4
BSS-5	0 to 1	75	2.3
BSS-6	0 to 1	75	6.3
BSS-7	0 to 1	77	2.4
BSS-8	0 to 1	82	1.5
BSS-9	0 to 1	77	6.3
BSS-10	0 to 1	73	0.8
BSS-11	0 to 1	74	1.4
BSS-12	0 to 1	105	6.1
BSS-13	0 to 1	62	0.5
BSS-14	0 to 1	62	1.1
BSS-15	0 to 1	60	0.8
BSS-16	0 to 1	68	2.4
BSS-17	0 to 1	61	2.7
BSS-18	0 to 1	67	2.1
BSS-19	0 to 1	68	2.4
BSS-20	0 to 1	73	0.8
BSS-21	0 to 1	66	1.4
BSS-22	0 to 1	66	3.9
BSS-23	0 to 1	83	2.3
BSS-24	0 to 1	74	1.1

Five soil samples and one duplicate sample were collected on January 4 and 5, 2022, from below the basement foundation following the soil removal. All sample containers were labeled with the sample identification, the date and time of collection, requested testing parameter(s), and sample location. The samples were submitted to Katahdin Analytical Services, of Scarborough, Maine, (Katahdin) for laboratory analysis of VOCs by EPA Method SW846 8260B. Information concerning preservation methods, matrix, and sample location was also included on chain of custody forms that accompanied samples to the off-Site laboratory. Samples were maintained at approximately 4 degrees Celsius (C) from time of sample collection until analysis.

The results of this sampling is included below in **Table 2**. Since one sample (BLS-1) had a tetrachloroethylene (PCE)concentration of 14 milligrams per kilogram (mg/kg), exceeding the MEDEP Leaching to Groundwater RAG of1 mg/kg, MEDEP elected to authorize the removal of the clean fill and excavate additional soil from below the broken concrete layer.

On March 16, 2022 the clean fill was excavated from the western and central portions of the foundation and 28 tons of additional soil was removed from the south, western, and central portions of native soil located below the broken concrete surface. Soil that was originally two feet south of the foundation was also removed. During this removal the western concrete vertical wall collapsed and was relocated to allow the excavation to continue. The suspected solvent-impacted soil was stockpiled on polyethylene sheeting and transported as hazardous waste to Englobe for disposal on March 16, 2022. Following this removal, soil at the base of the excavation was sampled using MEDEP protocols for headspace analysis using a MEDEP approved PID. Seven samples were collected at depths that ranged from 0 to 0.5 feet below the new grade. The samples were heated in a vehicle until warmed to approximately 60 degrees Fahrenheit at the time of analysis. The concentrations were relatively low and are summarized in **Table 3** with their approximate locations on **Figure 3**. The air space was also monitored for worker safety during the excavation and removal of the solvent-impacted soil to trucks for off-Site disposal.

Two additional soil samples with one duplicate soil sample were also collected on March 16, 2022 from the area of excavation. The samples were analyzed by Absolute Resource Associates, of Portsmouth, New Hampshire (ARA) for VOCs by EPA Method SW846 8260B. The analytical results for these samples are included below in **Table 4**. One sample (BLS-2) exceeded the MEDEP 1 mg/kg Leaching to Groundwater RAG for PCE. The concentration was 1.3 mg/kg. Therefore, an additional 28.5 tons of soil was removed on March 18, 2022. The additional excavated soil was transported as hazardous waste to Englobe on March 18 for disposal. Following this removal, soil at the base of the excavation was sampled using MEDEP protocols for headspace analysis using a MEDEP approved PID from 0 to 0.5 feet below the new grade. Six samples were collected for PID analysis. The samples were heated in a vehicle until warmed to approximately 60 degrees Fahrenheit at the time of analysis. Observed VOC concentrations were relatively low and are summarized in **Table 5** with their approximate locations on **Figure 3**. The air space was also monitored for worker safety during the excavation and removal of the solvent-impacted soil to trucks for off-Site disposal. Two additional soil samples were collected from the area of excavation and analyzed at ARA for VOCs using EPA Method SW846 8260B. The results for these samples are included below in **Table 6** and were below the MEDEP PCE Leaching to Groundwater RAG. Once analytical results were confirmed, the excavation was again filled using clean fill that was previously removed. Concrete from the formerly vertical south and western walls were also used as fill. Additional clean fill was added to compensate for the 56.5 tons of soil that was transported to Englobe. The final grade of soil excavated below the foundation reached a maximum depth of approximately 14 feet below original grade.

Table 2
Soil Sample Results For January 4 and 5, 2022
Former Charlotte Smith Soil Below The Basement
Katahdin Analytical Services

Sample ID #	CAS #	Chemical	Maine Remedial Action Guidelines for the Soil Exposure Pathway, by Exposure Scenario (milligram per kilogram, mg/kg)						Concentration in mg/kg	Laboratory Reporting Limit in mg/kg
			Leaching to Groundwater	*Resident*	*Commercial Worker*	*Park User*	*Recreator Sediment*	Construction Worker		
BLS-1	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	14	1.10
BLS-2	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	4.8	0.30
BLS-3	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.021	0.0045
BLS-4	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	E 0.44	0.0046
BLS-4	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.48	0.29
BLS-4 DUP	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.73	0.28
BLS-5	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.013	0.0052
BLS-5	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	< 0.32	0.32

Notes: E - estimated, < - less than

Table 3 Results of Photoionization Monitoring Soil Below Basement Foundation Collected March 16, 2022		
Sample ID	Depth of Sample in Feet Below Grade	Concentration in Parts per Million
BSS-25	0 to 0.5	1.4
BSS-26	0 to 0.5	0.6
BSS-27	0 to 0.5	1.7
BSS-28	0 to 0.5	1.3
BSS-29	0 to 0.5	2.1
BSS-30	0 to 0.5	2.2
BSS-31	0 to 0.5	1.4

Table 4
Soil Sample Results For March 16, 2022
Former Charlotte Smith Soil Below The Basement
Absolute Resource Associates

Sample ID#	CAS	Chemical	Maine Remedial Action Guidelines for the Soil Exposure Pathway, by Exposure Scenario (milligram per kilogram, mg/kg)						Concentration in mg/kg	Laboratory Reporting Limit in mg/kg
			Leaching to Groundwater	*Resident*	*Commercial Worker*	*Park User*	*Recreator Sediment*	*Construction Worker*		
BLS-1	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.073	0.64
BLS-2	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	1.3	0.085
BLS-2 DUP	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.78	0.086
Trip Blk	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	< 0.10	0.10

Notes: E - estimated, < - less than

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Table 5 Results of Photoionization Monitoring Soil Below Basement Foundation Collected March 18, 2022		
Sample ID	Depth of Sample in Feet Below Grade	Concentration in Parts per Million
BSS-32	0 to 0.5	0.5
BSS-33	0 to 0.5	1.1
BSS-34	0 to 0.5	<0.1
BSS-35	0 to 0.5	1.2
BSS-36	0 to 0.5	0.8
BSS-37	0 to 0.5	<0.1

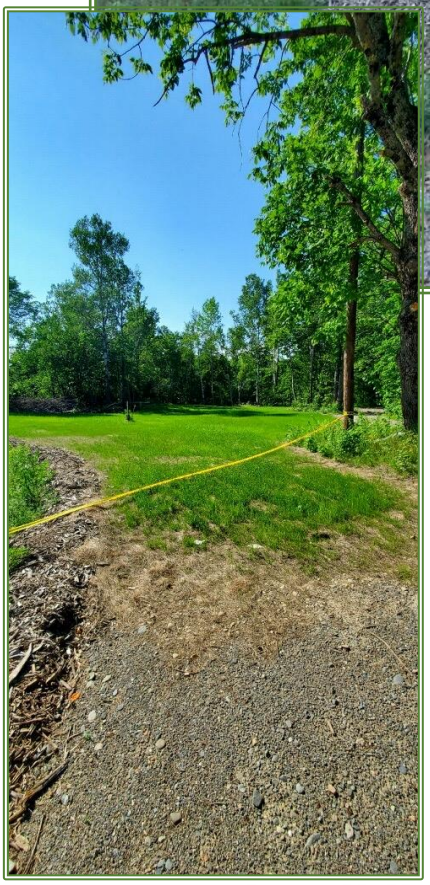
Table 6
Soil Sample Results For March 18, 2022
Former Charlotte Smith Soil Below The Basement
Absolute Resource Associates

Sample ID #	CAS #	Chemical	Maine Remedial Action Guidelines for the Soil Exposure Pathway, by Exposure Scenario (milligram per kilogram, mg/kg)						Concentration in mg/kg	Laboratory Reporting Limit in mg/kg
			Leaching to Groundwater	*Resident*	*Commercial Worker*	*Park User*	*Recreator Sediment*	*Construction Worker*		
BLS-1A	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.27	0.085
BLS-2A	127-18-4	Tetrachloroethylene	1	120	160	150	2100	85	0.56	0.072

Notes: E - estimated, < - less than

AES, completed Site restoration following excavation and disposal of the solvent-impacted soil. This work was done in March 2022, immediately following excavation activities. 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 remaining portions of the Site at that time. Therefore, Site restoration was completed on May 25, 2022. Site restoration consisted of spreading and leveling approximately four to six inches of loam and hay over the entire area where excavated soil was removed for disposal. The erosion control barrier was left in place and the area was seeded and roped-off with caution tape to allow grass to grow.

Final Site Restoration



CAMPBELL
ENVIRONMENTAL GROUP

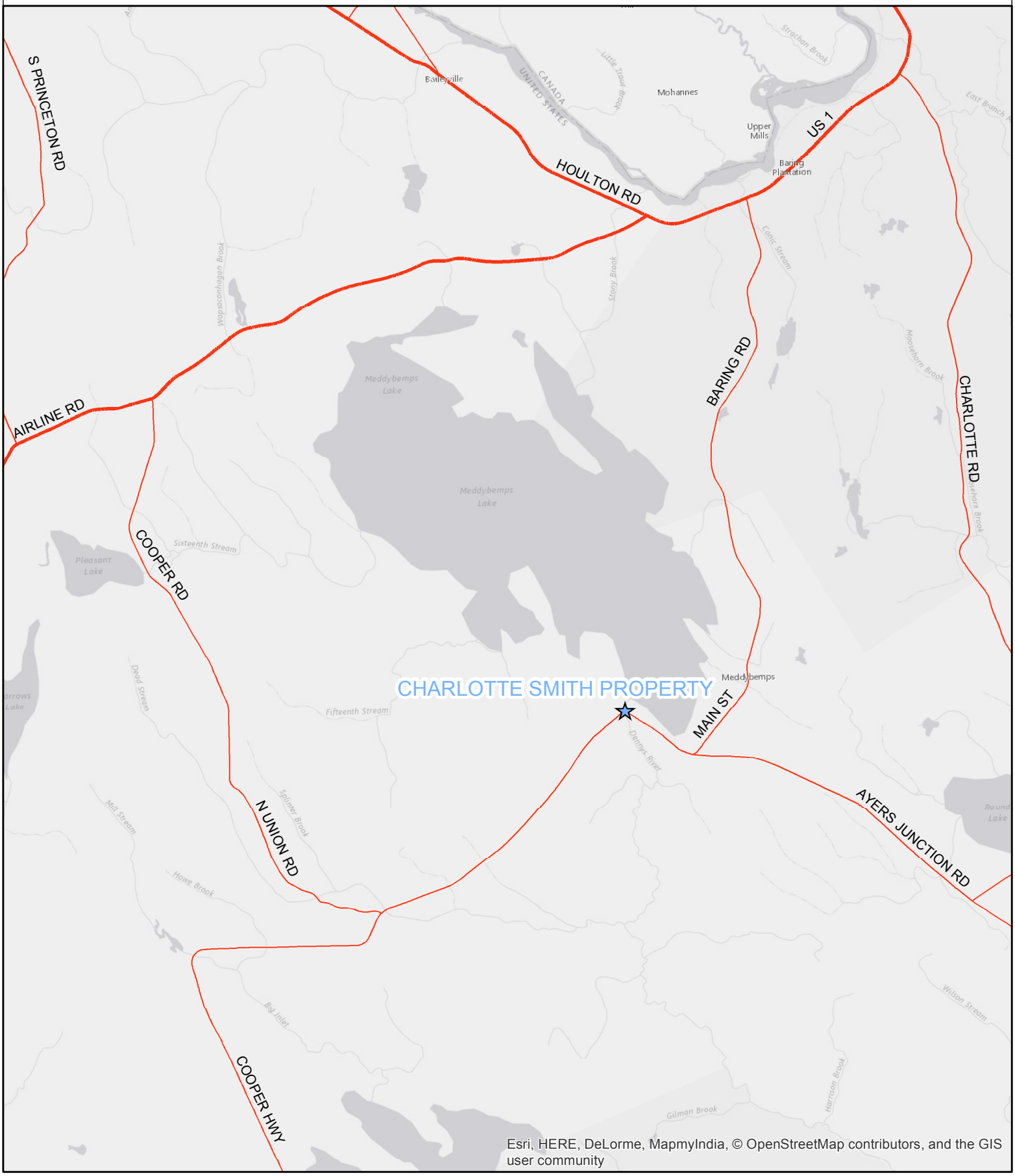
3.0 CONCLUSION

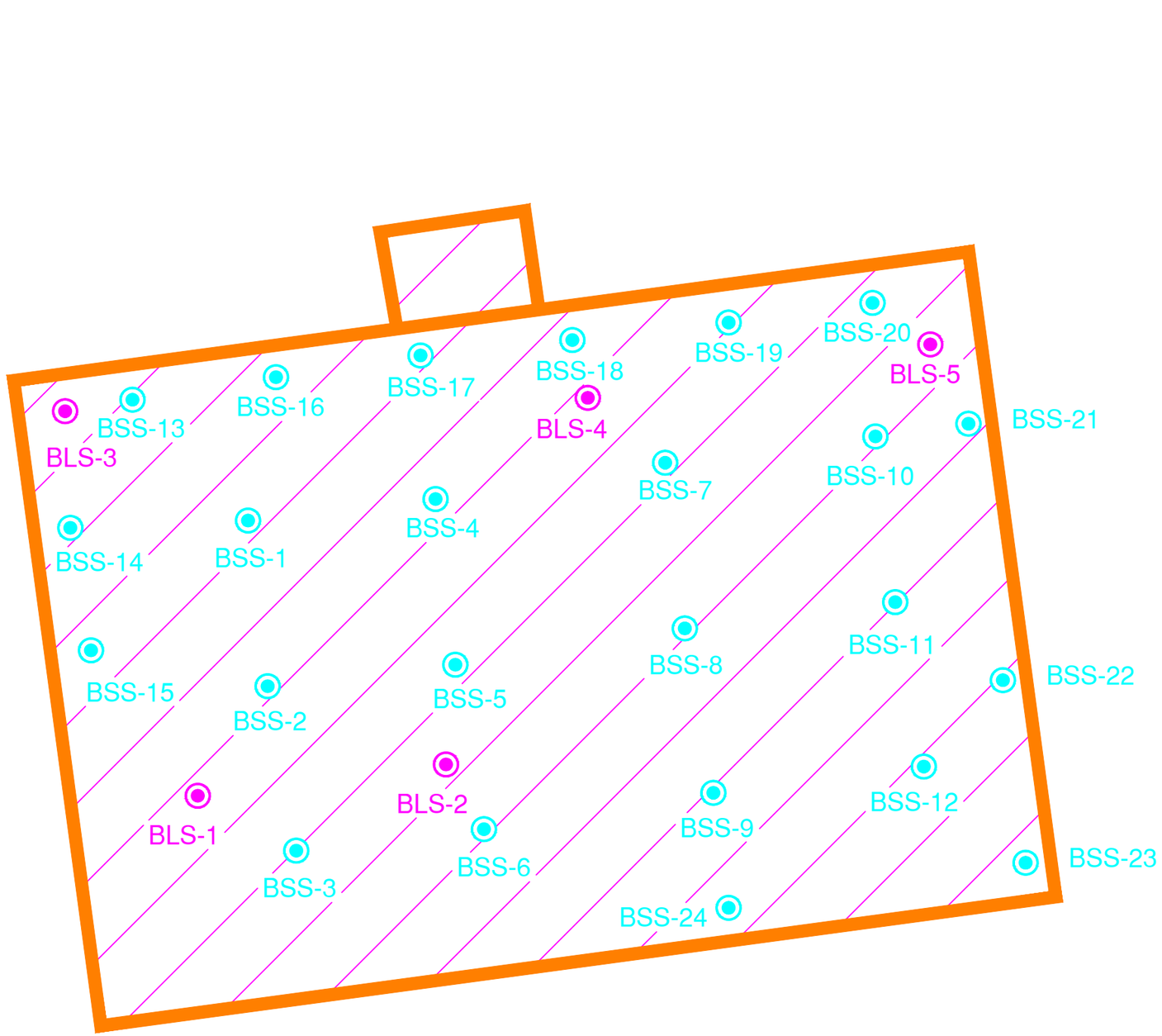
CEG completed the work required to minimize the threat to human health and the environment of chlorinated solvents that were discharged at the Site. CEG supervised the demolition of the former residence and barn. Once these structures were demolished, a total of 40.78 tons of solid waste including all materials from the residence, barn, and yard were removed to the Juniper Ridge Landfill. The solid wastes included typical household items, clothes, books, tools, an old freezer, clean and PCB-free transformer casings, generators, shelving, former empty tanks, perforated gas cylinders, perforated fire extinguishers, and metal equipment remnants from the former dam and hydroelectric plant. Several mercury thermostats were transported to the Calais, Maine, ACE Hardware store for recycling. A large number of car and truck tires were transported and disposed of at the Marion Transfer Station. A total of 1.5 cubic yards of ACM were removed from the linoleum flooring from the former residence and were transported to the Crossroads Landfill for disposal. CEG, also supervised the removal of concrete from the basement floor of the former residence and more than two feet of underlying soil. This combined mass totaled 206.34 tons. The concrete and soil were transported as hazardous waste for disposal to Englobe. The Site has been regraded and restored to serve as an attractive greenspace.

APPENDIX A

FIGURES

Charlotte Smith Property
Meddybemps





LEGEND

- VOC SCREENING WITH PID
- LABORATORY CONFIRMATION SAMPLES

-AREA OF EXCAVATION 01/4-6/2022

-FORMER BUILDING FOUNDATION

VOC - VOLATILE ORGANIC COMPOUNDS

PID - PHOTOIONIZATION DETECTOR

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

APPROXIMATE
SCALE IN FEET

0 5 10

CLIENT:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

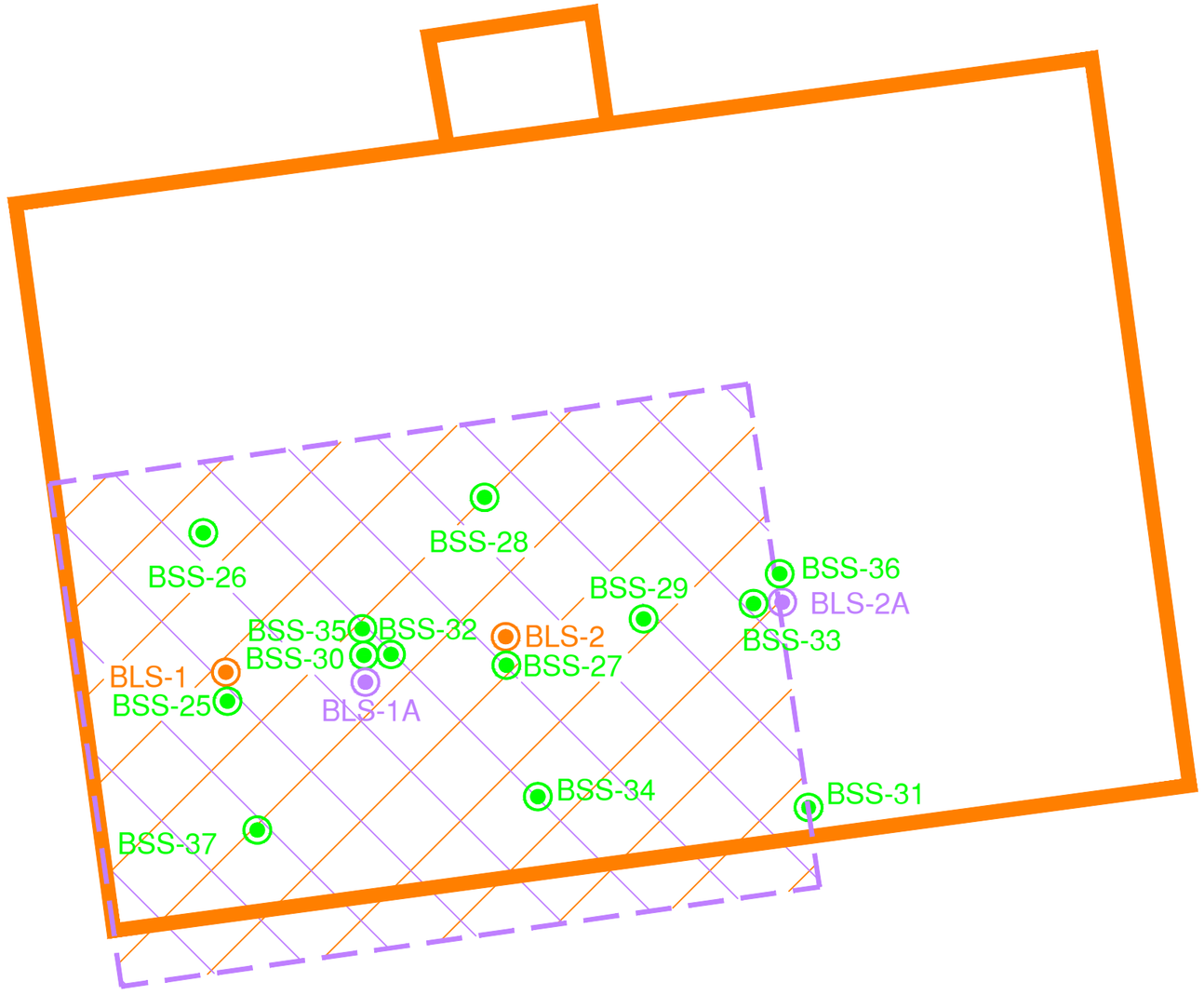
LOCATION:
C. SMITH
881 MAIN STREET
MEDDYBEMPS, MAINE

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

FIGURE 2
JANUARY 4–6, 2022
PID & LAB SOLVENT SAMPLE LOCATIONS

CAMPBELL ENVIRONMENTAL GROUP

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



LEGEND

- VOC SCREENING WITH PID 3/16/22 & 3/18/22
- LABORATORY CONFIRMATION SAMPLES 3/16/22
- LABORATORY CONFIRMATION SAMPLES 3/18/22
- AREA OF EXCAVATION 3/16/22
- AREA OF EXCAVATION 3/18/22

-FORMER BUILDING FOUNDATION
PID - PHOTOIONIZATION DETECTOR
VOC - VOLATILE ORGANIC COMPOUNDS

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

APPROXIMATE
SCALE IN FEET

0 5 10

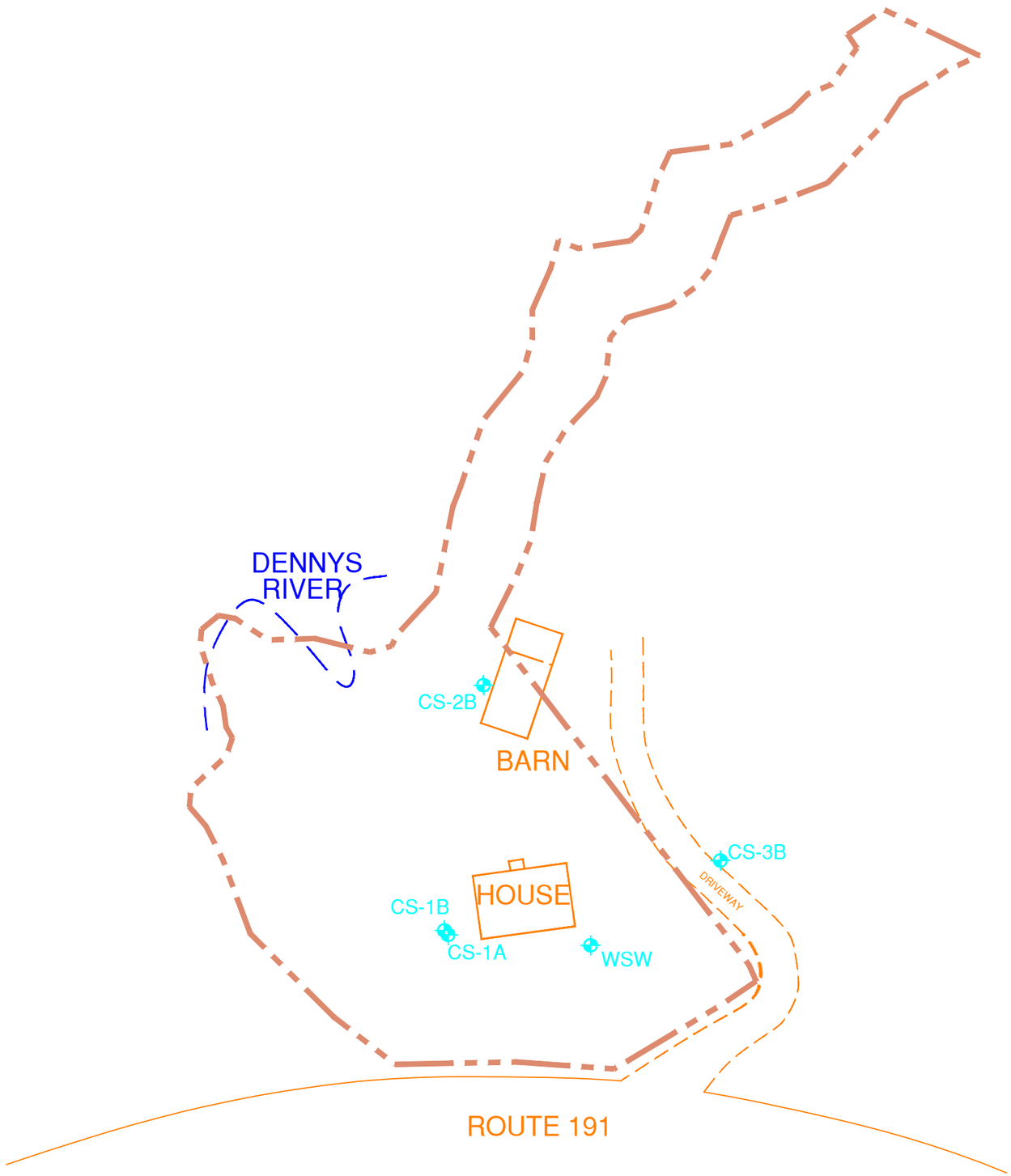
CLIENT:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

LOCATION:
C. SMITH
881 MAIN STREET
MEDDYBEMPS, MAINE

PM:	DETAILED:	PROJECT NO.:
RC	DK	0921-391-00
REV. NO.:	DRAWING DATE:	ACAD FILE:
	8/12/22	DEP S MDDYBEMPS

FIGURE 3
MARCH 16 & 18, 2022 PID & LAB SOLVENT SAMPLE LOCATIONS

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



LEGEND

- WATER SUPPLY WELL/MONITORING WELL

WSW - WATER SUPPLY WELL

- APPROXIMATE PROPERTY BOUNDARY

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

APPROXIMATE
SCALE IN FEET

0 50 100

CLIENT:
MAINE DEPARTMENT OF
ENVIRONMENTAL PROTECTION

LOCATION:
C. SMITH
881 MAIN STREET
MEDDYBEMPS, MAINE

PM:	DETAILED:	PROJECT NO.:
RC	DK	0921-391-00
REV. NO.:	DRAWING DATE:	ACAD FILE:
	10/06/22	DEP S MDDYBEMPS

FIGURE 4

TETRA TECH NUS TOPOGRAPHIC SURVEY
EASTERN SURPLUS SUPERFUND SITE
NOVEMBER 19, 1996

CAMPBELL
ENVIRONMENTAL
GROUP

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

APPENDIX B

LABORATORY REPORTS

January 17, 2022

Mr. Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

RE: Katahdin Lab Number: SP0087
Project ID: DEP C Smith Meddy
Project Manager: Mr. Darrian Lewry
Sample Receipt Date(s): January 06, 2022

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

Leslie Dimond - Quality Assurance Officer

01/17/2022

Date

TECHNICAL NARRATIVE

Katahdin references the following versions of Standard Methods:
Color: SM 2120 B 2011
Turbidity: SM 2130 B 2011
Alkalinity: SM 2320 B 2011
Hardness: SM 2340 B 2011
Residue-total (TS): SM 2540 B 2011
Residue-filterable (TDS): SM 2540C 2011
Residue-nonfilterable (TSS): SM 2540 D 2011
Residue-settleable: SM 2540 F 2011
Total Solids: SM 2540 G 2011
Total Volatile Solids: SM 2540 G 2011
Chromium VI: SM 3500-Cr B 2011
Iron (Ferrous): SM 3500-Fe D 2011
Chloride: SM 4500-Cl^- E 2011
Amenable cyanide: SM 4500-CN G 2011
Fluoride: SM 4500-F^- B 2011
pH: SM 4500-H+ B 2011
Ammonia as N: SM 4500-NH3 H 2011
Orthophosphate as P: SM 4500-P E 2011
Sulfide: SM 4500-$S2^-$ F 2011
Sulfite: SM 4500-$SO3^-$ B 2011
Biochemical oxygen demand: SM 5210 B 2011
Carbonaceous BOD, CBOD: SM 5210 B 2011
COD-Color: SM 5220 D 2011
Total Organic Carbon: SM 5310 B 2011
Surfactants: SM 5540 C 2011

Organics Analysis

The samples of Work Order SP0087 were 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.

8260B Analysis

Samples SP0087-4, 5, and 6RA2 had low responses for one internal standard that that was outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. These samples also had high recoveries for one or more surrogates, which were outside of the laboratory established acceptance limits. The samples were reanalyzed as medium level methanol samples with acceptable internal standard responses and surrogate recoveries. The results from both analyses have been reported.

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.

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.

Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-1DL
Client ID: BLS-1
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1790.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 91.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	2200	ug/Kgdrywt	1	10	2200
Chloromethane	U	2200	ug/Kgdrywt	1	10	2200
Vinyl Chloride	U	2200	ug/Kgdrywt	1	10	2200
Bromomethane	U	2200	ug/Kgdrywt	1	10	2200
Chloroethane	U	2200	ug/Kgdrywt	1	10	2200
Trichlorofluoromethane	U	2200	ug/Kgdrywt	1	10	2200
1,1-Dichloroethene	U	1100	ug/Kgdrywt	1	5	1100
Methylene Chloride	U	5400	ug/Kgdrywt	1	25	5400
trans-1,2-Dichloroethene	U	1100	ug/Kgdrywt	1	5	1100
1,1-Dichloroethane	U	1100	ug/Kgdrywt	1	5	1100
cis-1,2-Dichloroethene	U	1100	ug/Kgdrywt	1	5	1100
1,2-Dichloroethylene (Total)	U	2200	ug/Kgdrywt	1	10	2200
2,2-Dichloropropane	U	1100	ug/Kgdrywt	1	5	1100
Chloroform	U	1100	ug/Kgdrywt	1	5	1100
Bromochloromethane	U	1100	ug/Kgdrywt	1	5	1100
1,1,1-Trichloroethane	U	1100	ug/Kgdrywt	1	5	1100
1,2-Dichloroethane	U	1100	ug/Kgdrywt	1	5	1100
1,1-Dichloropropene	U	1100	ug/Kgdrywt	1	5	1100
Carbon Tetrachloride	U	1100	ug/Kgdrywt	1	5	1100
Benzene	U	1100	ug/Kgdrywt	1	5	1100
1,2-Dichloropropane	U	1100	ug/Kgdrywt	1	5	1100
Trichloroethene	U	1100	ug/Kgdrywt	1	5	1100
Dibromomethane	U	1100	ug/Kgdrywt	1	5	1100
Bromodichloromethane	U	1100	ug/Kgdrywt	1	5	1100
cis-1,3-Dichloropropene	U	1100	ug/Kgdrywt	1	5	1100
Toluene	U	1100	ug/Kgdrywt	1	5	1100
trans-1,3-Dichloropropene	U	1100	ug/Kgdrywt	1	5	1100
1,1,2-Trichloroethane	U	1100	ug/Kgdrywt	1	5	1100
1,3-Dichloropropane	U	1100	ug/Kgdrywt	1	5	1100
Dibromochloromethane	U	1100	ug/Kgdrywt	1	5	1100
Tetrachloroethene		14000	ug/Kgdrywt	1	5	1100
1,2-Dibromoethane	U	1100	ug/Kgdrywt	1	5	1100
Chlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
1,1,1,2-Tetrachloroethane	U	1100	ug/Kgdrywt	1	5	1100
Ethylbenzene	U	1100	ug/Kgdrywt	1	5	1100

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

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Lab ID: SP0087-1DL
Client ID: BLS-1
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1790.D

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Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 91.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	1100	ug/Kgdrywt	1	5	1100
Styrene	U	1100	ug/Kgdrywt	1	5	1100
1,1,2,2-Tetrachloroethane	U	1100	ug/Kgdrywt	1	5	1100
1,2,3-Trichloropropane	U	1100	ug/Kgdrywt	1	5	1100
Isopropylbenzene	U	1100	ug/Kgdrywt	1	5	1100
Bromobenzene	U	1100	ug/Kgdrywt	1	5	1100
2-Chlorotoluene	U	1100	ug/Kgdrywt	1	5	1100
N-Propylbenzene	U	1100	ug/Kgdrywt	1	5	1100
4-Chlorotoluene	U	1100	ug/Kgdrywt	1	5	1100
1,3,5-Trimethylbenzene	U	1100	ug/Kgdrywt	1	5	1100
tert-Butylbenzene	U	1100	ug/Kgdrywt	1	5	1100
1,2,4-Trichlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
sec-Butylbenzene	U	1100	ug/Kgdrywt	1	5	1100
1,3-Dichlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
P-Isopropyltoluene	U	1100	ug/Kgdrywt	1	5	1100
1,4-Dichlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
1,2-Dichlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
N-Butylbenzene	U	1100	ug/Kgdrywt	1	5	1100
1,2-Dibromo-3-Chloropropane	U	1100	ug/Kgdrywt	1	5	1100
1,2,4-Trimethylbenzene	U	1100	ug/Kgdrywt	1	5	1100
Naphthalene	U	1100	ug/Kgdrywt	1	5	1100
Hexachlorobutadiene	U	1100	ug/Kgdrywt	1	5	1100
1,2,3-Trichlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
Methyl tert-butyl Ether	U	1100	ug/Kgdrywt	1	5	1100
Acetone	U	5400	ug/Kgdrywt	1	25	5400
2-Butanone	U	5400	ug/Kgdrywt	1	25	5400
4-Methyl-2-Pentanone	U	5400	ug/Kgdrywt	1	25	5400
2-Hexanone	U	5400	ug/Kgdrywt	1	25	5400
m+p-Xylenes	U	2200	ug/Kgdrywt	1	10	2200
o-Xylene	U	1100	ug/Kgdrywt	1	5	1100
Xylenes (Total)	U	3200	ug/Kgdrywt	1	15	3200
1,3,5-Trichlorobenzene	U	1100	ug/Kgdrywt	1	5	1100
Vinyl Acetate	U	1100	ug/Kgdrywt	1	5	1100
Carbon Disulfide	U	1100	ug/Kgdrywt	1	5	1100
Diethyl Ether	U	1100	ug/Kgdrywt	1	5	1100

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-1DL
Client ID: BLS-1
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1790.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 91.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	11000	ug/Kgdrywt	1	50	11000
Dibromofluoromethane		120.	%			
1,2-Dichloroethane-d4		131.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		98.4	%			

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http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-2DL
Client ID: BLS-2
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1788.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 87.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	660	ug/Kgdrywt	1	10	660
Chloromethane	U	660	ug/Kgdrywt	1	10	660
Vinyl Chloride	U	660	ug/Kgdrywt	1	10	660
Bromomethane	U	660	ug/Kgdrywt	1	10	660
Chloroethane	U	660	ug/Kgdrywt	1	10	660
Trichlorofluoromethane	U	660	ug/Kgdrywt	1	10	660
1,1-Dichloroethene	U	330	ug/Kgdrywt	1	5	330
Methylene Chloride	U	1600	ug/Kgdrywt	1	25	1600
trans-1,2-Dichloroethene	U	330	ug/Kgdrywt	1	5	330
1,1-Dichloroethane	U	330	ug/Kgdrywt	1	5	330
cis-1,2-Dichloroethene	U	330	ug/Kgdrywt	1	5	330
1,2-Dichloroethylene (Total)	U	660	ug/Kgdrywt	1	10	660
2,2-Dichloropropane	U	330	ug/Kgdrywt	1	5	330
Chloroform	U	330	ug/Kgdrywt	1	5	330
Bromochloromethane	U	330	ug/Kgdrywt	1	5	330
1,1,1-Trichloroethane	U	330	ug/Kgdrywt	1	5	330
1,2-Dichloroethane	U	330	ug/Kgdrywt	1	5	330
1,1-Dichloropropene	U	330	ug/Kgdrywt	1	5	330
Carbon Tetrachloride	U	330	ug/Kgdrywt	1	5	330
Benzene	U	330	ug/Kgdrywt	1	5	330
1,2-Dichloropropane	U	330	ug/Kgdrywt	1	5	330
Trichloroethene	U	330	ug/Kgdrywt	1	5	330
Dibromomethane	U	330	ug/Kgdrywt	1	5	330
Bromodichloromethane	U	330	ug/Kgdrywt	1	5	330
cis-1,3-Dichloropropene	U	330	ug/Kgdrywt	1	5	330
Toluene	U	330	ug/Kgdrywt	1	5	330
trans-1,3-Dichloropropene	U	330	ug/Kgdrywt	1	5	330
1,1,2-Trichloroethane	U	330	ug/Kgdrywt	1	5	330
1,3-Dichloropropane	U	330	ug/Kgdrywt	1	5	330
Dibromochloromethane	U	330	ug/Kgdrywt	1	5	330
Tetrachloroethene		4800	ug/Kgdrywt	1	5	330
1,2-Dibromoethane	U	330	ug/Kgdrywt	1	5	330
Chlorobenzene	U	330	ug/Kgdrywt	1	5	330
1,1,1,2-Tetrachloroethane	U	330	ug/Kgdrywt	1	5	330
Ethylbenzene	U	330	ug/Kgdrywt	1	5	330

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-2DL
Client ID: BLS-2
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1788.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 87.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	330	ug/Kgdrywt	1	5	330
Styrene	U	330	ug/Kgdrywt	1	5	330
1,1,2,2-Tetrachloroethane	U	330	ug/Kgdrywt	1	5	330
1,2,3-Trichloropropane	U	330	ug/Kgdrywt	1	5	330
Isopropylbenzene	U	330	ug/Kgdrywt	1	5	330
Bromobenzene	U	330	ug/Kgdrywt	1	5	330
2-Chlorotoluene	U	330	ug/Kgdrywt	1	5	330
N-Propylbenzene	U	330	ug/Kgdrywt	1	5	330
4-Chlorotoluene	U	330	ug/Kgdrywt	1	5	330
1,3,5-Trimethylbenzene	U	330	ug/Kgdrywt	1	5	330
tert-Butylbenzene	U	330	ug/Kgdrywt	1	5	330
1,2,4-Trichlorobenzene	U	330	ug/Kgdrywt	1	5	330
sec-Butylbenzene	U	330	ug/Kgdrywt	1	5	330
1,3-Dichlorobenzene	U	330	ug/Kgdrywt	1	5	330
P-Isopropyltoluene	U	330	ug/Kgdrywt	1	5	330
1,4-Dichlorobenzene	U	330	ug/Kgdrywt	1	5	330
1,2-Dichlorobenzene	U	330	ug/Kgdrywt	1	5	330
N-Butylbenzene	U	330	ug/Kgdrywt	1	5	330
1,2-Dibromo-3-Chloropropane	U	330	ug/Kgdrywt	1	5	330
1,2,4-Trimethylbenzene	U	330	ug/Kgdrywt	1	5	330
Naphthalene	U	330	ug/Kgdrywt	1	5	330
Hexachlorobutadiene	U	330	ug/Kgdrywt	1	5	330
1,2,3-Trichlorobenzene	U	330	ug/Kgdrywt	1	5	330
Methyl tert-butyl Ether	U	330	ug/Kgdrywt	1	5	330
Acetone	U	1600	ug/Kgdrywt	1	25	1600
2-Butanone	U	1600	ug/Kgdrywt	1	25	1600
4-Methyl-2-Pentanone	U	1600	ug/Kgdrywt	1	25	1600
2-Hexanone	U	1600	ug/Kgdrywt	1	25	1600
m+p-Xylenes	U	660	ug/Kgdrywt	1	10	660
o-Xylene	U	330	ug/Kgdrywt	1	5	330
Xylenes (Total)	U	990	ug/Kgdrywt	1	15	990
1,3,5-Trichlorobenzene	U	330	ug/Kgdrywt	1	5	330
Vinyl Acetate	U	330	ug/Kgdrywt	1	5	330
Carbon Disulfide	U	330	ug/Kgdrywt	1	5	330
Diethyl Ether	U	330	ug/Kgdrywt	1	5	330

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-2DL
Client ID: BLS-2
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1788.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 87.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	3300	ug/Kgdrywt	1	50	3300
Dibromofluoromethane		121.	%			
1,2-Dichloroethane-d4		133.	%			
Toluene-d8		103.	%			
P-Bromofluorobenzene		101.	%			

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-3
Client ID: BLS-3
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1965.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 86.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	9.1	ug/Kgdrywt	1	10	9.1
Chloromethane	U	9.1	ug/Kgdrywt	1	10	9.1
Vinyl Chloride	U	9.1	ug/Kgdrywt	1	10	9.1
Bromomethane	U	9.1	ug/Kgdrywt	1	10	9.1
Chloroethane	U	9.1	ug/Kgdrywt	1	10	9.1
Trichlorofluoromethane	U	9.1	ug/Kgdrywt	1	10	9.1
1,1-Dichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
Methylene Chloride	U	23	ug/Kgdrywt	1	25	23.
trans-1,2-Dichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1-Dichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
cis-1,2-Dichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichloroethylene (Total)	U	9.1	ug/Kgdrywt	1	10	9.1
2,2-Dichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Chloroform	U	4.5	ug/Kgdrywt	1	5	4.5
Bromochloromethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,1-Trichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,1-Dichloropropene	U	4.5	ug/Kgdrywt	1	5	4.5
Carbon Tetrachloride	U	4.5	ug/Kgdrywt	1	5	4.5
Benzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Trichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
Dibromomethane	U	4.5	ug/Kgdrywt	1	5	4.5
Bromodichloromethane	U	4.5	ug/Kgdrywt	1	5	4.5
cis-1,3-Dichloropropene	U	4.5	ug/Kgdrywt	1	5	4.5
Toluene	U	4.5	ug/Kgdrywt	1	5	4.5
trans-1,3-Dichloropropene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,2-Trichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,3-Dichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Dibromochloromethane	U	4.5	ug/Kgdrywt	1	5	4.5
Tetrachloroethene		21	ug/Kgdrywt	1	5	4.5
1,2-Dibromoethane	U	4.5	ug/Kgdrywt	1	5	4.5
Chlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,1,2-Tetrachloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
Ethylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-3
Client ID: BLS-3
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1965.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 86.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	4.5	ug/Kgdrywt	1	5	4.5
Styrene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,2,2-Tetrachloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,3-Trichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Isopropylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Bromobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
2-Chlorotoluene	U	4.5	ug/Kgdrywt	1	5	4.5
N-Propylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
4-Chlorotoluene	U	4.5	ug/Kgdrywt	1	5	4.5
1,3,5-Trimethylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
tert-Butylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,4-Trichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
sec-Butylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,3-Dichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
P-Isopropyltoluene	U	4.5	ug/Kgdrywt	1	5	4.5
1,4-Dichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
N-Butylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dibromo-3-Chloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,4-Trimethylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Naphthalene	U	4.5	ug/Kgdrywt	1	5	4.5
Hexachlorobutadiene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,3-Trichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Methyl tert-butyl Ether	U	4.5	ug/Kgdrywt	1	5	4.5
Acetone	U	23	ug/Kgdrywt	1	25	23.
2-Butanone	U	23	ug/Kgdrywt	1	25	23.
4-Methyl-2-Pentanone	U	23	ug/Kgdrywt	1	25	23.
2-Hexanone	U	23	ug/Kgdrywt	1	25	23.
m+p-Xylenes	U	9.1	ug/Kgdrywt	1	10	9.1
o-Xylene	U	4.5	ug/Kgdrywt	1	5	4.5
Xylenes (Total)	U	14	ug/Kgdrywt	1	15	14.
1,3,5-Trichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Vinyl Acetate	U	4.5	ug/Kgdrywt	1	5	4.5
Carbon Disulfide	U	4.5	ug/Kgdrywt	1	5	4.5
Diethyl Ether	U	4.5	ug/Kgdrywt	1	5	4.5

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-3
Client ID: BLS-3
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1965.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 86.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	45	ug/Kgdrywt	1	50	45.
Dibromofluoromethane		124.	%			
1,2-Dichloroethane-d4		133.	%			
Toluene-d8		100.	%			
P-Bromofluorobenzene		79.3	%			

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-4
Client ID: BLS-4
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1966.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	9.2	ug/Kgdrywt	1	10	9.2
Chloromethane	U	9.2	ug/Kgdrywt	1	10	9.2
Vinyl Chloride	U	9.2	ug/Kgdrywt	1	10	9.2
Bromomethane	U	9.2	ug/Kgdrywt	1	10	9.2
Chloroethane	U	9.2	ug/Kgdrywt	1	10	9.2
Trichlorofluoromethane	U	9.2	ug/Kgdrywt	1	10	9.2
1,1-Dichloroethene	U	4.6	ug/Kgdrywt	1	5	4.6
Methylene Chloride	U	23	ug/Kgdrywt	1	25	23.
trans-1,2-Dichloroethene	U	4.6	ug/Kgdrywt	1	5	4.6
1,1-Dichloroethane	U	4.6	ug/Kgdrywt	1	5	4.6
cis-1,2-Dichloroethene	U	4.6	ug/Kgdrywt	1	5	4.6
1,2-Dichloroethylene (Total)	U	9.2	ug/Kgdrywt	1	10	9.2
2,2-Dichloropropane	U	4.6	ug/Kgdrywt	1	5	4.6
Chloroform	U	4.6	ug/Kgdrywt	1	5	4.6
Bromochloromethane	U	4.6	ug/Kgdrywt	1	5	4.6
1,1,1-Trichloroethane	U	4.6	ug/Kgdrywt	1	5	4.6
1,2-Dichloroethane	U	4.6	ug/Kgdrywt	1	5	4.6
1,1-Dichloropropene	U	4.6	ug/Kgdrywt	1	5	4.6
Carbon Tetrachloride	U	4.6	ug/Kgdrywt	1	5	4.6
Benzene	U	4.6	ug/Kgdrywt	1	5	4.6
1,2-Dichloropropane	U	4.6	ug/Kgdrywt	1	5	4.6
Trichloroethene	U	4.6	ug/Kgdrywt	1	5	4.6
Dibromomethane	U	4.6	ug/Kgdrywt	1	5	4.6
Bromodichloromethane	U	4.6	ug/Kgdrywt	1	5	4.6
cis-1,3-Dichloropropene	U	4.6	ug/Kgdrywt	1	5	4.6
Toluene	U	4.6	ug/Kgdrywt	1	5	4.6
trans-1,3-Dichloropropene	U	4.6	ug/Kgdrywt	1	5	4.6
1,1,2-Trichloroethane	U	4.6	ug/Kgdrywt	1	5	4.6
1,3-Dichloropropane	U	4.6	ug/Kgdrywt	1	5	4.6
Dibromochloromethane	U	4.6	ug/Kgdrywt	1	5	4.6
Tetrachloroethene	E	440	ug/Kgdrywt	1	5	4.6
1,2-Dibromoethane	U	4.6	ug/Kgdrywt	1	5	4.6
Chlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
1,1,1,2-Tetrachloroethane	U	4.6	ug/Kgdrywt	1	5	4.6
Ethylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-4
Client ID: BLS-4
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1966.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	4.6	ug/Kgdrywt	1	5	4.6
Styrene	U	4.6	ug/Kgdrywt	1	5	4.6
1,1,2,2-Tetrachloroethane	U	4.6	ug/Kgdrywt	1	5	4.6
1,2,3-Trichloropropane	U	4.6	ug/Kgdrywt	1	5	4.6
Isopropylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
Bromobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
2-Chlorotoluene	U	4.6	ug/Kgdrywt	1	5	4.6
N-Propylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
4-Chlorotoluene	U	4.6	ug/Kgdrywt	1	5	4.6
1,3,5-Trimethylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
tert-Butylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
1,2,4-Trichlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
sec-Butylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
1,3-Dichlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
P-Isopropyltoluene	U	4.6	ug/Kgdrywt	1	5	4.6
1,4-Dichlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
1,2-Dichlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
N-Butylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
1,2-Dibromo-3-Chloropropane	U	4.6	ug/Kgdrywt	1	5	4.6
1,2,4-Trimethylbenzene	U	4.6	ug/Kgdrywt	1	5	4.6
Naphthalene	U	4.6	ug/Kgdrywt	1	5	4.6
Hexachlorobutadiene	U	4.6	ug/Kgdrywt	1	5	4.6
1,2,3-Trichlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
Methyl tert-butyl Ether	U	4.6	ug/Kgdrywt	1	5	4.6
Acetone	U	23	ug/Kgdrywt	1	25	23.
2-Butanone	U	23	ug/Kgdrywt	1	25	23.
4-Methyl-2-Pentanone	U	23	ug/Kgdrywt	1	25	23.
2-Hexanone	U	23	ug/Kgdrywt	1	25	23.
m+p-Xylenes	U	9.2	ug/Kgdrywt	1	10	9.2
o-Xylene	U	4.6	ug/Kgdrywt	1	5	4.6
Xylenes (Total)	U	14	ug/Kgdrywt	1	15	14.
1,3,5-Trichlorobenzene	U	4.6	ug/Kgdrywt	1	5	4.6
Vinyl Acetate	U	4.6	ug/Kgdrywt	1	5	4.6
Carbon Disulfide	U	4.6	ug/Kgdrywt	1	5	4.6
Diethyl Ether	U	4.6	ug/Kgdrywt	1	5	4.6

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-4
Client ID: BLS-4
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1966.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	46	ug/Kgdrywt	1	50	46.
Dibromofluoromethane	*	132.	%			
1,2-Dichloroethane-d4	*	143.	%			
Toluene-d8		100.	%			
P-Bromofluorobenzene		61.9	%			

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-4DL
Client ID: BLS-4
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1789.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	580	ug/Kgdrywt	1	10	580
Chloromethane	U	580	ug/Kgdrywt	1	10	580
Vinyl Chloride	U	580	ug/Kgdrywt	1	10	580
Bromomethane	U	580	ug/Kgdrywt	1	10	580
Chloroethane	U	580	ug/Kgdrywt	1	10	580
Trichlorofluoromethane	U	580	ug/Kgdrywt	1	10	580
1,1-Dichloroethene	U	290	ug/Kgdrywt	1	5	290
Methylene Chloride	U	1400	ug/Kgdrywt	1	25	1400
trans-1,2-Dichloroethene	U	290	ug/Kgdrywt	1	5	290
1,1-Dichloroethane	U	290	ug/Kgdrywt	1	5	290
cis-1,2-Dichloroethene	U	290	ug/Kgdrywt	1	5	290
1,2-Dichloroethylene (Total)	U	580	ug/Kgdrywt	1	10	580
2,2-Dichloropropane	U	290	ug/Kgdrywt	1	5	290
Chloroform	U	290	ug/Kgdrywt	1	5	290
Bromochloromethane	U	290	ug/Kgdrywt	1	5	290
1,1,1-Trichloroethane	U	290	ug/Kgdrywt	1	5	290
1,2-Dichloroethane	U	290	ug/Kgdrywt	1	5	290
1,1-Dichloropropene	U	290	ug/Kgdrywt	1	5	290
Carbon Tetrachloride	U	290	ug/Kgdrywt	1	5	290
Benzene	U	290	ug/Kgdrywt	1	5	290
1,2-Dichloropropane	U	290	ug/Kgdrywt	1	5	290
Trichloroethene	U	290	ug/Kgdrywt	1	5	290
Dibromomethane	U	290	ug/Kgdrywt	1	5	290
Bromodichloromethane	U	290	ug/Kgdrywt	1	5	290
cis-1,3-Dichloropropene	U	290	ug/Kgdrywt	1	5	290
Toluene	U	290	ug/Kgdrywt	1	5	290
trans-1,3-Dichloropropene	U	290	ug/Kgdrywt	1	5	290
1,1,2-Trichloroethane	U	290	ug/Kgdrywt	1	5	290
1,3-Dichloropropane	U	290	ug/Kgdrywt	1	5	290
Dibromochloromethane	U	290	ug/Kgdrywt	1	5	290
Tetrachloroethene		480	ug/Kgdrywt	1	5	290
1,2-Dibromoethane	U	290	ug/Kgdrywt	1	5	290
Chlorobenzene	U	290	ug/Kgdrywt	1	5	290
1,1,1,2-Tetrachloroethane	U	290	ug/Kgdrywt	1	5	290
Ethylbenzene	U	290	ug/Kgdrywt	1	5	290

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-4DL
Client ID: BLS-4
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1789.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	290	ug/Kgdrywt	1	5	290
Styrene	U	290	ug/Kgdrywt	1	5	290
1,1,2,2-Tetrachloroethane	U	290	ug/Kgdrywt	1	5	290
1,2,3-Trichloropropane	U	290	ug/Kgdrywt	1	5	290
Isopropylbenzene	U	290	ug/Kgdrywt	1	5	290
Bromobenzene	U	290	ug/Kgdrywt	1	5	290
2-Chlorotoluene	U	290	ug/Kgdrywt	1	5	290
N-Propylbenzene	U	290	ug/Kgdrywt	1	5	290
4-Chlorotoluene	U	290	ug/Kgdrywt	1	5	290
1,3,5-Trimethylbenzene	U	290	ug/Kgdrywt	1	5	290
tert-Butylbenzene	U	290	ug/Kgdrywt	1	5	290
1,2,4-Trichlorobenzene	U	290	ug/Kgdrywt	1	5	290
sec-Butylbenzene	U	290	ug/Kgdrywt	1	5	290
1,3-Dichlorobenzene	U	290	ug/Kgdrywt	1	5	290
P-Isopropyltoluene	U	290	ug/Kgdrywt	1	5	290
1,4-Dichlorobenzene	U	290	ug/Kgdrywt	1	5	290
1,2-Dichlorobenzene	U	290	ug/Kgdrywt	1	5	290
N-Butylbenzene	U	290	ug/Kgdrywt	1	5	290
1,2-Dibromo-3-Chloropropane	U	290	ug/Kgdrywt	1	5	290
1,2,4-Trimethylbenzene	U	290	ug/Kgdrywt	1	5	290
Naphthalene	U	290	ug/Kgdrywt	1	5	290
Hexachlorobutadiene	U	290	ug/Kgdrywt	1	5	290
1,2,3-Trichlorobenzene	U	290	ug/Kgdrywt	1	5	290
Methyl tert-butyl Ether	U	290	ug/Kgdrywt	1	5	290
Acetone	U	1400	ug/Kgdrywt	1	25	1400
2-Butanone	U	1400	ug/Kgdrywt	1	25	1400
4-Methyl-2-Pentanone	U	1400	ug/Kgdrywt	1	25	1400
2-Hexanone	U	1400	ug/Kgdrywt	1	25	1400
m+p-Xylenes	U	580	ug/Kgdrywt	1	10	580
o-Xylene	U	290	ug/Kgdrywt	1	5	290
Xylenes (Total)	U	860	ug/Kgdrywt	1	15	860
1,3,5-Trichlorobenzene	U	290	ug/Kgdrywt	1	5	290
Vinyl Acetate	U	290	ug/Kgdrywt	1	5	290
Carbon Disulfide	U	290	ug/Kgdrywt	1	5	290
Diethyl Ether	U	290	ug/Kgdrywt	1	5	290

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-4DL
Client ID: BLS-4
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1789.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	2900	ug/Kgdrywt	1	50	2900
Dibromofluoromethane		122.	%			
1,2-Dichloroethane-d4		132.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		101.	%			

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-5
Client ID: BLS-5
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1968.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 80.
Report Date: 14-JAN-22

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	5.2	ug/Kgdrywt	1	5	5.2
Methylene Chloride	U	26	ug/Kgdrywt	1	25	26.
trans-1,2-Dichloroethene	U	5.2	ug/Kgdrywt	1	5	5.2
1,1-Dichloroethane	U	5.2	ug/Kgdrywt	1	5	5.2
cis-1,2-Dichloroethene	U	5.2	ug/Kgdrywt	1	5	5.2
1,2-Dichloroethylene (Total)	U	10	ug/Kgdrywt	1	10	10.
2,2-Dichloropropane	U	5.2	ug/Kgdrywt	1	5	5.2
Chloroform	U	5.2	ug/Kgdrywt	1	5	5.2
Bromochloromethane	U	5.2	ug/Kgdrywt	1	5	5.2
1,1,1-Trichloroethane	U	5.2	ug/Kgdrywt	1	5	5.2
1,2-Dichloroethane	U	5.2	ug/Kgdrywt	1	5	5.2
1,1-Dichloropropene	U	5.2	ug/Kgdrywt	1	5	5.2
Carbon Tetrachloride	U	5.2	ug/Kgdrywt	1	5	5.2
Benzene	U	5.2	ug/Kgdrywt	1	5	5.2
1,2-Dichloropropane	U	5.2	ug/Kgdrywt	1	5	5.2
Trichloroethene	U	5.2	ug/Kgdrywt	1	5	5.2
Dibromomethane	U	5.2	ug/Kgdrywt	1	5	5.2
Bromodichloromethane	U	5.2	ug/Kgdrywt	1	5	5.2
cis-1,3-Dichloropropene	U	5.2	ug/Kgdrywt	1	5	5.2
Toluene	U	5.2	ug/Kgdrywt	1	5	5.2
trans-1,3-Dichloropropene	U	5.2	ug/Kgdrywt	1	5	5.2
1,1,2-Trichloroethane	U	5.2	ug/Kgdrywt	1	5	5.2
1,3-Dichloropropane	U	5.2	ug/Kgdrywt	1	5	5.2
Dibromochloromethane	U	5.2	ug/Kgdrywt	1	5	5.2
Tetrachloroethene		13	ug/Kgdrywt	1	5	5.2
1,2-Dibromoethane	U	5.2	ug/Kgdrywt	1	5	5.2
Chlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
1,1,1,2-Tetrachloroethane	U	5.2	ug/Kgdrywt	1	5	5.2
Ethylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-5
Client ID: BLS-5
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1968.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 80.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	5.2	ug/Kgdrywt	1	5	5.2
Styrene	U	5.2	ug/Kgdrywt	1	5	5.2
1,1,2,2-Tetrachloroethane	U	5.2	ug/Kgdrywt	1	5	5.2
1,2,3-Trichloropropane	U	5.2	ug/Kgdrywt	1	5	5.2
Isopropylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
Bromobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
2-Chlorotoluene	U	5.2	ug/Kgdrywt	1	5	5.2
N-Propylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
4-Chlorotoluene	U	5.2	ug/Kgdrywt	1	5	5.2
1,3,5-Trimethylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
tert-Butylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
1,2,4-Trichlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
sec-Butylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
1,3-Dichlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
P-Isopropyltoluene	U	5.2	ug/Kgdrywt	1	5	5.2
1,4-Dichlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
1,2-Dichlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
N-Butylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
1,2-Dibromo-3-Chloropropane	U	5.2	ug/Kgdrywt	1	5	5.2
1,2,4-Trimethylbenzene	U	5.2	ug/Kgdrywt	1	5	5.2
Naphthalene	U	5.2	ug/Kgdrywt	1	5	5.2
Hexachlorobutadiene	U	5.2	ug/Kgdrywt	1	5	5.2
1,2,3-Trichlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
Methyl tert-butyl Ether	U	5.2	ug/Kgdrywt	1	5	5.2
Acetone	U	26	ug/Kgdrywt	1	25	26.
2-Butanone	U	26	ug/Kgdrywt	1	25	26.
4-Methyl-2-Pentanone	U	26	ug/Kgdrywt	1	25	26.
2-Hexanone	U	26	ug/Kgdrywt	1	25	26.
m+p-Xylenes	U	10	ug/Kgdrywt	1	10	10.
o-Xylene	U	5.2	ug/Kgdrywt	1	5	5.2
Xylenes (Total)	U	16	ug/Kgdrywt	1	15	16.
1,3,5-Trichlorobenzene	U	5.2	ug/Kgdrywt	1	5	5.2
Vinyl Acetate	U	5.2	ug/Kgdrywt	1	5	5.2
Carbon Disulfide	U	5.2	ug/Kgdrywt	1	5	5.2
Diethyl Ether	U	5.2	ug/Kgdrywt	1	5	5.2

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-5
Client ID: BLS-5
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1968.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 80.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	52	ug/Kgdrywt	1	50	52.
Dibromofluoromethane	*	133.	%			
1,2-Dichloroethane-d4		134.	%			
Toluene-d8		103.	%			
P-Bromofluorobenzene		79.5	%			

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-5DL
Client ID: BLS-5
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1787.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 80.
Report Date: 17-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	640	ug/Kgdrywt	1	10	640
Chloromethane	U	640	ug/Kgdrywt	1	10	640
Vinyl Chloride	U	640	ug/Kgdrywt	1	10	640
Bromomethane	U	640	ug/Kgdrywt	1	10	640
Chloroethane	U	640	ug/Kgdrywt	1	10	640
Trichlorofluoromethane	U	640	ug/Kgdrywt	1	10	640
1,1-Dichloroethene	U	320	ug/Kgdrywt	1	5	320
Methylene Chloride	U	1600	ug/Kgdrywt	1	25	1600
trans-1,2-Dichloroethene	U	320	ug/Kgdrywt	1	5	320
1,1-Dichloroethane	U	320	ug/Kgdrywt	1	5	320
cis-1,2-Dichloroethene	U	320	ug/Kgdrywt	1	5	320
1,2-Dichloroethylene (Total)	U	640	ug/Kgdrywt	1	10	640
2,2-Dichloropropane	U	320	ug/Kgdrywt	1	5	320
Chloroform	U	320	ug/Kgdrywt	1	5	320
Bromochloromethane	U	320	ug/Kgdrywt	1	5	320
1,1,1-Trichloroethane	U	320	ug/Kgdrywt	1	5	320
1,2-Dichloroethane	U	320	ug/Kgdrywt	1	5	320
1,1-Dichloropropene	U	320	ug/Kgdrywt	1	5	320
Carbon Tetrachloride	U	320	ug/Kgdrywt	1	5	320
Benzene	U	320	ug/Kgdrywt	1	5	320
1,2-Dichloropropane	U	320	ug/Kgdrywt	1	5	320
Trichloroethene	U	320	ug/Kgdrywt	1	5	320
Dibromomethane	U	320	ug/Kgdrywt	1	5	320
Bromodichloromethane	U	320	ug/Kgdrywt	1	5	320
cis-1,3-Dichloropropene	U	320	ug/Kgdrywt	1	5	320
Toluene	U	320	ug/Kgdrywt	1	5	320
trans-1,3-Dichloropropene	U	320	ug/Kgdrywt	1	5	320
1,1,2-Trichloroethane	U	320	ug/Kgdrywt	1	5	320
1,3-Dichloropropane	U	320	ug/Kgdrywt	1	5	320
Dibromochloromethane	U	320	ug/Kgdrywt	1	5	320
Tetrachloroethene	U	320	ug/Kgdrywt	1	5	320
1,2-Dibromoethane	U	320	ug/Kgdrywt	1	5	320
Chlorobenzene	U	320	ug/Kgdrywt	1	5	320
1,1,1,2-Tetrachloroethane	U	320	ug/Kgdrywt	1	5	320
Ethylbenzene	U	320	ug/Kgdrywt	1	5	320

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-5DL
Client ID: BLS-5
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1787.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 80.
Report Date: 17-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	320	ug/Kgdrywt	1	5	320
Styrene	U	320	ug/Kgdrywt	1	5	320
1,1,2,2-Tetrachloroethane	U	320	ug/Kgdrywt	1	5	320
1,2,3-Trichloropropane	U	320	ug/Kgdrywt	1	5	320
Isopropylbenzene	U	320	ug/Kgdrywt	1	5	320
Bromobenzene	U	320	ug/Kgdrywt	1	5	320
2-Chlorotoluene	U	320	ug/Kgdrywt	1	5	320
N-Propylbenzene	U	320	ug/Kgdrywt	1	5	320
4-Chlorotoluene	U	320	ug/Kgdrywt	1	5	320
1,3,5-Trimethylbenzene	U	320	ug/Kgdrywt	1	5	320
tert-Butylbenzene	U	320	ug/Kgdrywt	1	5	320
1,2,4-Trichlorobenzene	U	320	ug/Kgdrywt	1	5	320
sec-Butylbenzene	U	320	ug/Kgdrywt	1	5	320
1,3-Dichlorobenzene	U	320	ug/Kgdrywt	1	5	320
P-Isopropyltoluene	U	320	ug/Kgdrywt	1	5	320
1,4-Dichlorobenzene	U	320	ug/Kgdrywt	1	5	320
1,2-Dichlorobenzene	U	320	ug/Kgdrywt	1	5	320
N-Butylbenzene	U	320	ug/Kgdrywt	1	5	320
1,2-Dibromo-3-Chloropropane	U	320	ug/Kgdrywt	1	5	320
1,2,4-Trimethylbenzene	U	320	ug/Kgdrywt	1	5	320
Naphthalene	U	320	ug/Kgdrywt	1	5	320
Hexachlorobutadiene	U	320	ug/Kgdrywt	1	5	320
1,2,3-Trichlorobenzene	U	320	ug/Kgdrywt	1	5	320
Methyl tert-butyl Ether	U	320	ug/Kgdrywt	1	5	320
Acetone	U	1600	ug/Kgdrywt	1	25	1600
2-Butanone	U	1600	ug/Kgdrywt	1	25	1600
4-Methyl-2-Pentanone	U	1600	ug/Kgdrywt	1	25	1600
2-Hexanone	U	1600	ug/Kgdrywt	1	25	1600
m+p-Xylenes	U	640	ug/Kgdrywt	1	10	640
o-Xylene	U	320	ug/Kgdrywt	1	5	320
Xylenes (Total)	U	960	ug/Kgdrywt	1	15	960
1,3,5-Trichlorobenzene	U	320	ug/Kgdrywt	1	5	320
Vinyl Acetate	U	320	ug/Kgdrywt	1	5	320
Carbon Disulfide	U	320	ug/Kgdrywt	1	5	320
Diethyl Ether	U	320	ug/Kgdrywt	1	5	320

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ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-5DL
Client ID: BLS-5
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1787.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 80.
Report Date: 17-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	3200	ug/Kgdrywt	1	50	3200
Dibromofluoromethane		122.	%			
1,2-Dichloroethane-d4		131.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		100.	%			

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-6DL
Client ID: BLS-4 DUP
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1848.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	550	ug/Kgdrywt	1	10	550
Chloromethane	U	550	ug/Kgdrywt	1	10	550
Vinyl Chloride	U	550	ug/Kgdrywt	1	10	550
Bromomethane	U	550	ug/Kgdrywt	1	10	550
Chloroethane	U	550	ug/Kgdrywt	1	10	550
Trichlorofluoromethane	U	550	ug/Kgdrywt	1	10	550
1,1-Dichloroethene	U	280	ug/Kgdrywt	1	5	280
Methylene Chloride	U	1400	ug/Kgdrywt	1	25	1400
trans-1,2-Dichloroethene	U	280	ug/Kgdrywt	1	5	280
1,1-Dichloroethane	U	280	ug/Kgdrywt	1	5	280
cis-1,2-Dichloroethene	U	280	ug/Kgdrywt	1	5	280
1,2-Dichloroethylene (Total)	U	550	ug/Kgdrywt	1	10	550
2,2-Dichloropropane	U	280	ug/Kgdrywt	1	5	280
Chloroform	U	280	ug/Kgdrywt	1	5	280
Bromochloromethane	U	280	ug/Kgdrywt	1	5	280
1,1,1-Trichloroethane	U	280	ug/Kgdrywt	1	5	280
1,2-Dichloroethane	U	280	ug/Kgdrywt	1	5	280
1,1-Dichloropropene	U	280	ug/Kgdrywt	1	5	280
Carbon Tetrachloride	U	280	ug/Kgdrywt	1	5	280
Benzene	U	280	ug/Kgdrywt	1	5	280
1,2-Dichloropropane	U	280	ug/Kgdrywt	1	5	280
Trichloroethene	U	280	ug/Kgdrywt	1	5	280
Dibromomethane	U	280	ug/Kgdrywt	1	5	280
Bromodichloromethane	U	280	ug/Kgdrywt	1	5	280
cis-1,3-Dichloropropene	U	280	ug/Kgdrywt	1	5	280
Toluene	U	280	ug/Kgdrywt	1	5	280
trans-1,3-Dichloropropene	U	280	ug/Kgdrywt	1	5	280
1,1,2-Trichloroethane	U	280	ug/Kgdrywt	1	5	280
1,3-Dichloropropane	U	280	ug/Kgdrywt	1	5	280
Dibromochloromethane	U	280	ug/Kgdrywt	1	5	280
Tetrachloroethene		730	ug/Kgdrywt	1	5	280
1,2-Dibromoethane	U	280	ug/Kgdrywt	1	5	280
Chlorobenzene	U	280	ug/Kgdrywt	1	5	280
1,1,1,2-Tetrachloroethane	U	280	ug/Kgdrywt	1	5	280
Ethylbenzene	U	280	ug/Kgdrywt	1	5	280

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-6DL
Client ID: BLS-4 DUP
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1848.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	280	ug/Kgdrywt	1	5	280
Styrene	U	280	ug/Kgdrywt	1	5	280
1,1,2,2-Tetrachloroethane	U	280	ug/Kgdrywt	1	5	280
1,2,3-Trichloropropane	U	280	ug/Kgdrywt	1	5	280
Isopropylbenzene	U	280	ug/Kgdrywt	1	5	280
Bromobenzene	U	280	ug/Kgdrywt	1	5	280
2-Chlorotoluene	U	280	ug/Kgdrywt	1	5	280
N-Propylbenzene	U	280	ug/Kgdrywt	1	5	280
4-Chlorotoluene	U	280	ug/Kgdrywt	1	5	280
1,3,5-Trimethylbenzene	U	280	ug/Kgdrywt	1	5	280
tert-Butylbenzene	U	280	ug/Kgdrywt	1	5	280
1,2,4-Trichlorobenzene	U	280	ug/Kgdrywt	1	5	280
sec-Butylbenzene	U	280	ug/Kgdrywt	1	5	280
1,3-Dichlorobenzene	U	280	ug/Kgdrywt	1	5	280
P-Isopropyltoluene	U	280	ug/Kgdrywt	1	5	280
1,4-Dichlorobenzene	U	280	ug/Kgdrywt	1	5	280
1,2-Dichlorobenzene	U	280	ug/Kgdrywt	1	5	280
N-Butylbenzene	U	280	ug/Kgdrywt	1	5	280
1,2-Dibromo-3-Chloropropane	U	280	ug/Kgdrywt	1	5	280
1,2,4-Trimethylbenzene	U	280	ug/Kgdrywt	1	5	280
Naphthalene	U	280	ug/Kgdrywt	1	5	280
Hexachlorobutadiene	U	280	ug/Kgdrywt	1	5	280
1,2,3-Trichlorobenzene	U	280	ug/Kgdrywt	1	5	280
Methyl tert-butyl Ether	U	280	ug/Kgdrywt	1	5	280
Acetone	U	1400	ug/Kgdrywt	1	25	1400
2-Butanone	U	1400	ug/Kgdrywt	1	25	1400
4-Methyl-2-Pentanone	U	1400	ug/Kgdrywt	1	25	1400
2-Hexanone	U	1400	ug/Kgdrywt	1	25	1400
m+p-Xylenes	U	550	ug/Kgdrywt	1	10	550
o-Xylene	U	280	ug/Kgdrywt	1	5	280
Xylenes (Total)	U	830	ug/Kgdrywt	1	15	830
1,3,5-Trichlorobenzene	U	280	ug/Kgdrywt	1	5	280
Vinyl Acetate	U	280	ug/Kgdrywt	1	5	280
Carbon Disulfide	U	280	ug/Kgdrywt	1	5	280
Diethyl Ether	U	280	ug/Kgdrywt	1	5	280

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-6DL
Client ID: BLS-4 DUP
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: W1848.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	2800	ug/Kgdrywt	1	50	2800
Dibromofluoromethane		115.	%			
1,2-Dichloroethane-d4		123.	%			
Toluene-d8		103.	%			
P-Bromofluorobenzene		103.	%			

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-6RA2
Client ID: BLS-4 DUP
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1970.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Dichlorodifluoromethane	U	9.1	ug/Kgdrywt	1	10	9.1
Chloromethane	U	9.1	ug/Kgdrywt	1	10	9.1
Vinyl Chloride	U	9.1	ug/Kgdrywt	1	10	9.1
Bromomethane	U	9.1	ug/Kgdrywt	1	10	9.1
Chloroethane	U	9.1	ug/Kgdrywt	1	10	9.1
Trichlorofluoromethane	U	9.1	ug/Kgdrywt	1	10	9.1
1,1-Dichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
Methylene Chloride	U	23	ug/Kgdrywt	1	25	23.
trans-1,2-Dichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1-Dichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
cis-1,2-Dichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichloroethylene (Total)	U	9.1	ug/Kgdrywt	1	10	9.1
2,2-Dichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Chloroform	U	4.5	ug/Kgdrywt	1	5	4.5
Bromochloromethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,1-Trichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,1-Dichloropropene	U	4.5	ug/Kgdrywt	1	5	4.5
Carbon Tetrachloride	U	4.5	ug/Kgdrywt	1	5	4.5
Benzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Trichloroethene	U	4.5	ug/Kgdrywt	1	5	4.5
Dibromomethane	U	4.5	ug/Kgdrywt	1	5	4.5
Bromodichloromethane	U	4.5	ug/Kgdrywt	1	5	4.5
cis-1,3-Dichloropropene	U	4.5	ug/Kgdrywt	1	5	4.5
Toluene	U	4.5	ug/Kgdrywt	1	5	4.5
trans-1,3-Dichloropropene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,2-Trichloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,3-Dichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Dibromochloromethane	U	4.5	ug/Kgdrywt	1	5	4.5
Tetrachloroethene	E	270	ug/Kgdrywt	1	5	4.5
1,2-Dibromoethane	U	4.5	ug/Kgdrywt	1	5	4.5
Chlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,1,2-Tetrachloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
Ethylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5

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Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-6RA2
Client ID: BLS-4 DUP
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1970.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Bromoform	U	4.5	ug/Kgdrywt	1	5	4.5
Styrene	U	4.5	ug/Kgdrywt	1	5	4.5
1,1,2,2-Tetrachloroethane	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,3-Trichloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
Isopropylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Bromobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
2-Chlorotoluene	U	4.5	ug/Kgdrywt	1	5	4.5
N-Propylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
4-Chlorotoluene	U	4.5	ug/Kgdrywt	1	5	4.5
1,3,5-Trimethylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
tert-Butylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,4-Trichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
sec-Butylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,3-Dichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
P-Isopropyltoluene	U	4.5	ug/Kgdrywt	1	5	4.5
1,4-Dichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
N-Butylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2-Dibromo-3-Chloropropane	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,4-Trimethylbenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Naphthalene	U	4.5	ug/Kgdrywt	1	5	4.5
Hexachlorobutadiene	U	4.5	ug/Kgdrywt	1	5	4.5
1,2,3-Trichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Methyl tert-butyl Ether	U	4.5	ug/Kgdrywt	1	5	4.5
Acetone	U	23	ug/Kgdrywt	1	25	23.
2-Butanone	U	23	ug/Kgdrywt	1	25	23.
4-Methyl-2-Pentanone	U	23	ug/Kgdrywt	1	25	23.
2-Hexanone	U	23	ug/Kgdrywt	1	25	23.
m+p-Xylenes	U	9.1	ug/Kgdrywt	1	10	9.1
o-Xylene	U	4.5	ug/Kgdrywt	1	5	4.5
Xylenes (Total)	U	14	ug/Kgdrywt	1	15	14.
1,3,5-Trichlorobenzene	U	4.5	ug/Kgdrywt	1	5	4.5
Vinyl Acetate	U	4.5	ug/Kgdrywt	1	5	4.5
Carbon Disulfide	U	4.5	ug/Kgdrywt	1	5	4.5
Diethyl Ether	U	4.5	ug/Kgdrywt	1	5	4.5

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Client: Campbell Environmental Group
Lab ID: SP0087-6RA2
Client ID: BLS-4 DUP
Project: DEP C Smith Meddy
SDG: SP0087
Lab File ID: C1970.D

Sample Date: 04-JAN-22
Received Date: 06-JAN-22
Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
% Solids: 84.
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	45	ug/Kgdrywt	1	50	45.
Dibromofluoromethane	*	137.	%			
1,2-Dichloroethane-d4	*	151.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		79.9	%			

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : DEP C Smith Meddy
Lab File ID : C1961.D
Instrument ID : GCMS-C
Heated Purge : Yes

SDG : SP0087
Lab Sample ID : WG312632-2
Date Analyzed : 10-JAN-22
Time Analyzed : 09:35

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	WG312632-1	C1959.D	01/10/22	08:27
BLS-3	SP0087-3	C1965.D	01/10/22	13:17
BLS-4	SP0087-4	C1966.D	01/10/22	13:47
BLS-5	SP0087-5	C1968.D	01/10/22	14:22
BLS-4 DUP	SP0087-6RA2	C1970.D	01/10/22	16:02

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312632-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: C1961.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

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

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312632-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: C1961.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

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

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Report of Analytical Results

Lab ID: WG312632-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: C1961.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	50	ug/Kgdrywt	1	50	50.
Dibromofluoromethane		116.	%			
1,2-Dichloroethane-d4		124.	%			
Toluene-d8		103.	%			
P-Bromofluorobenzene		98.8	%			

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ANALYTICAL SERVICES

LCS Recovery Report

Lab ID: WG312632-1
Client ID: LCS
SDG: SP0087
LCS File ID: C1959.D
Report Date: 14-JAN-22

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dichlorodifluoromethane	93.4	50.0	46.7	ug/Kgdrywt	45-167
Chloromethane	74.8	50.0	37.4	ug/Kgdrywt	69-127
Vinyl Chloride	87.0	50.0	43.5	ug/Kgdrywt	73-134
Bromomethane	97.0	50.0	48.5	ug/Kgdrywt	64-136
Chloroethane	83.6	50.0	41.8	ug/Kgdrywt	71-127
Trichlorofluoromethane	89.8	50.0	44.9	ug/Kgdrywt	73-145
1,1-Dichloroethene	91.8	50.0	45.9	ug/Kgdrywt	71-137
Methylene Chloride	89.4	50.0	44.7	ug/Kgdrywt	56-152
trans-1,2-Dichloroethene	95.8	50.0	47.9	ug/Kgdrywt	67-133
1,1-Dichloroethane	93.6	50.0	46.8	ug/Kgdrywt	75-126
cis-1,2-Dichloroethene	92.0	50.0	46.0	ug/Kgdrywt	82-123
1,2-Dichloroethylene (Total)	93.8	100.	93.8	ug/Kgdrywt	82-120
2,2-Dichloropropane	113.	50.0	56.4	ug/Kgdrywt	78-124
Chloroform	88.0	50.0	44.0	ug/Kgdrywt	83-118
Bromochloromethane	97.8	50.0	48.9	ug/Kgdrywt	84-115
1,1,1-Trichloroethane	98.4	50.0	49.2	ug/Kgdrywt	80-120
1,2-Dichloroethane	91.6	50.0	45.8	ug/Kgdrywt	83-121
1,1-Dichloropropene	100.	50.0	50.0	ug/Kgdrywt	81-119
Carbon Tetrachloride	99.4	50.0	49.7	ug/Kgdrywt	78-124
Benzene	96.0	50.0	48.0	ug/Kgdrywt	82-113
1,2-Dichloropropane	92.0	50.0	46.0	ug/Kgdrywt	84-115
Trichloroethene	97.2	50.0	48.6	ug/Kgdrywt	83-113
Dibromomethane	86.4	50.0	43.2	ug/Kgdrywt	85-118
Bromodichloromethane	93.0	50.0	46.5	ug/Kgdrywt	82-118
cis-1,3-Dichloropropene	102.	50.0	51.1	ug/Kgdrywt	80-115
Toluene	97.8	50.0	48.9	ug/Kgdrywt	80-113
trans-1,3-Dichloropropene	99.6	50.0	49.8	ug/Kgdrywt	87-136
1,1,2-Trichloroethane	89.0	50.0	44.5	ug/Kgdrywt	78-117
1,3-Dichloropropane	89.6	50.0	44.8	ug/Kgdrywt	80-114
Dibromochloromethane	91.0	50.0	45.5	ug/Kgdrywt	80-120
Tetrachloroethene	98.4	50.0	49.2	ug/Kgdrywt	73-122
1,2-Dibromoethane	91.2	50.0	45.6	ug/Kgdrywt	81-119
Chlorobenzene	93.4	50.0	46.7	ug/Kgdrywt	85-111
1,1,1,2-Tetrachloroethane	95.6	50.0	47.8	ug/Kgdrywt	83-114
Ethylbenzene	100.	50.0	50.1	ug/Kgdrywt	81-112
Bromoform	90.0	50.0	45.0	ug/Kgdrywt	76-126

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LCS Recovery Report

Lab ID: WG312632-1
Client ID: LCS
SDG: SP0087
LCS File ID: C1959.D
Report Date: 14-JAN-22

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Styrene	102.	50.0	51.2	ug/Kgdrywt	84-112
1,1,2,2-Tetrachloroethane	89.4	50.0	44.7	ug/Kgdrywt	78-122
1,2,3-Trichloropropane	85.8	50.0	42.9	ug/Kgdrywt	81-118
Isopropylbenzene	104.	50.0	52.0	ug/Kgdrywt	89-136
Bromobenzene	94.6	50.0	47.3	ug/Kgdrywt	78-118
2-Chlorotoluene	101.	50.0	50.7	ug/Kgdrywt	78-118
N-Propylbenzene	102.	50.0	51.1	ug/Kgdrywt	77-121
4-Chlorotoluene	103.	50.0	51.3	ug/Kgdrywt	77-121
1,3,5-Trimethylbenzene	104.	50.0	51.8	ug/Kgdrywt	79-116
tert-Butylbenzene	101.	50.0	50.6	ug/Kgdrywt	79-118
1,2,4-Trichlorobenzene	118.	50.0	58.8	ug/Kgdrywt	61-135
sec-Butylbenzene	103.	50.0	51.6	ug/Kgdrywt	75-122
1,3-Dichlorobenzene	99.2	50.0	49.6	ug/Kgdrywt	79-119
P-Isopropyltoluene	111.	50.0	55.3	ug/Kgdrywt	80-124
1,4-Dichlorobenzene	98.2	50.0	49.1	ug/Kgdrywt	80-117
1,2-Dichlorobenzene	96.2	50.0	48.1	ug/Kgdrywt	76-118
N-Butylbenzene	112.	50.0	55.8	ug/Kgdrywt	70-124
1,2-Dibromo-3-Chloropropane	88.0	50.0	44.0	ug/Kgdrywt	66-132
1,2,4-Trimethylbenzene	102.	50.0	50.9	ug/Kgdrywt	76-115
Naphthalene	104.	50.0	51.8	ug/Kgdrywt	51-131
Hexachlorobutadiene	106.	50.0	52.9	ug/Kgdrywt	69-120
1,2,3-Trichlorobenzene	104.	50.0	52.1	ug/Kgdrywt	55-134
Methyl tert-butyl Ether	93.8	50.0	46.9	ug/Kgdrywt	81-125
Acetone	91.8	50.0	45.9	ug/Kgdrywt	76-213
2-Butanone	86.8	50.0	43.4	ug/Kgdrywt	78-148
4-Methyl-2-Pentanone	84.0	50.0	42.0	ug/Kgdrywt	75-137
2-Hexanone	86.6	50.0	43.3	ug/Kgdrywt	72-149
m+p-Xylenes	103.	100.	103.	ug/Kgdrywt	80-115
o-Xylene	103.	50.0	51.6	ug/Kgdrywt	82-115
Xylenes (Total)	103.	150.	154.	ug/Kgdrywt	81-114
1,3,5-Trichlorobenzene	133.	50.0	66.6	ug/Kgdrywt	64-133
Vinyl Acetate	* 123.	50.0	61.7	ug/Kgdrywt	77-119
Carbon Disulfide	131.	50.0	65.6	ug/Kgdrywt	69-138
Diethyl Ether	103.	50.0	51.5	ug/Kgdrywt	76-135
Tetrahydrofuran	78.6	50.0	39.3	ug/Kgdrywt	78-137
Dibromofluoromethane	99.8				64-130

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LCS Recovery Report

Lab ID: WG312632-1
Client ID: LCS
SDG: SP0087
LCS File ID: C1959.D
Report Date: 14-JAN-22

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5035A
Lab Prep Batch: WG312632

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	104.				58-134
Toluene-d8	102.				67-118
P-Bromofluorobenzene	103.				47-119

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : DEP C Smith Meddy
Lab File ID : W1777.D
Instrument ID : GCMS-W
Heated Purge : No

SDG : SP0087
Lab Sample ID : WG312635-2
Date Analyzed : 10-JAN-22
Time Analyzed : 10:21

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	WG312635-1	W1775.D	01/10/22	09:06
Methanol Blank	WG312635-6	W1778.D	01/10/22	10:49
BLS-5	SP0087-5DL	W1787.D	01/10/22	14:53
BLS-2	SP0087-2DL	W1788.D	01/10/22	15:20
BLS-4	SP0087-4DL	W1789.D	01/10/22	15:47
BLS-1	SP0087-1DL	W1790.D	01/10/22	16:15

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312635-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: W1777.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 14-JAN-22

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
1,1,2-Trichloroethane	U	5.0	ug/L	1	5	5.0
trans-1,3-Dichloropropene	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

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312635-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: W1777.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 14-JAN-22

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

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312635-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: W1777.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	25.	ug/L	1	25	25.
Dibromofluoromethane		111.	%			
1,2-Dichloroethane-d4		117.	%			
Toluene-d8		101.	%			
P-Bromofluorobenzene		98.7	%			

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Report of Analytical Results

Lab ID: WG312635-6
Client ID: Methanol Blank
SDG: SP0087
Lab File ID: W1778.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

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

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312635-6
Client ID: Methanol Blank
SDG: SP0087
Lab File ID: W1778.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

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

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Report of Analytical Results

Lab ID: WG312635-6
Client ID: Methanol Blank
SDG: SP0087
Lab File ID: W1778.D

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635
% Solids: NA

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	2500	ug/Kgdrywt	1	50	2500
Dibromofluoromethane		116.	%			
1,2-Dichloroethane-d4		123.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		98.6	%			

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Katahdin
ANALYTICAL SERVICES

LCS Recovery Report

Lab ID: WG312635-1
Client ID: LCS
SDG: SP0087
LCS File ID: W1775.D
Report Date: 14-JAN-22

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dichlorodifluoromethane	99.2	50.0	49.6	ug/L	29-164
Chloromethane	81.0	50.0	40.5	ug/L	59-123
Vinyl Chloride	90.6	50.0	45.3	ug/L	64-131
Bromomethane	99.2	50.0	49.6	ug/L	57-135
Chloroethane	84.6	50.0	42.3	ug/L	53-157
Trichlorofluoromethane	95.6	50.0	47.8	ug/L	70-149
1,1-Dichloroethene	99.0	50.0	49.5	ug/L	88-127
Methylene Chloride	105.	50.0	52.4	ug/L	72-129
trans-1,2-Dichloroethene	103.	50.0	51.5	ug/L	78-125
1,1-Dichloroethane	103.	50.0	51.3	ug/L	76-130
cis-1,2-Dichloroethene	98.8	50.0	49.4	ug/L	85-123
1,2-Dichloroethylene (Total)	101.	100.	101.	ug/L	84-121
2,2-Dichloropropane	129.	50.0	64.5	ug/L	70-132
Chloroform	96.6	50.0	48.3	ug/L	78-128
Bromochloromethane	111.	50.0	55.4	ug/L	85-117
1,1,1-Trichloroethane	105.	50.0	52.6	ug/L	77-129
1,2-Dichloroethane	105.	50.0	52.3	ug/L	81-125
1,1-Dichloropropene	111.	50.0	55.3	ug/L	87-118
Carbon Tetrachloride	109.	50.0	54.4	ug/L	87-126
Benzene	106.	50.0	52.9	ug/L	86-116
1,2-Dichloropropane	102.	50.0	50.8	ug/L	84-118
Trichloroethene	105.	50.0	52.3	ug/L	79-121
Dibromomethane	99.6	50.0	49.8	ug/L	85-117
Bromodichloromethane	110.	50.0	55.2	ug/L	85-122
cis-1,3-Dichloropropene	* 121.	50.0	60.7	ug/L	83-119
Toluene	106.	50.0	52.9	ug/L	84-118
1,1,2-Trichloroethane	106.	50.0	53.0	ug/L	84-115
trans-1,3-Dichloropropene	121.	50.0	60.5	ug/L	85-135
1,3-Dichloropropane	104.	50.0	52.2	ug/L	80-119
Dibromochloromethane	111.	50.0	55.4	ug/L	85-119
Tetrachloroethene	101.	50.0	50.6	ug/L	47-155
1,2-Dibromoethane	109.	50.0	54.6	ug/L	84-116
Chlorobenzene	102.	50.0	51.2	ug/L	89-113
1,1,1,2-Tetrachloroethane	112.	50.0	55.9	ug/L	88-118
Ethylbenzene	108.	50.0	54.0	ug/L	88-113
Bromoform	112.	50.0	56.1	ug/L	86-117

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ANALYTICAL SERVICES

LCS Recovery Report

Lab ID: WG312635-1
Client ID: LCS
SDG: SP0087
LCS File ID: W1775.D
Report Date: 14-JAN-22

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Styrene	109.	50.0	54.5	ug/L	88-117
1,1,2,2-Tetrachloroethane	104.	50.0	52.1	ug/L	79-121
1,2,3-Trichloropropane	101.	50.0	50.5	ug/L	77-120
Isopropylbenzene	116.	50.0	58.2	ug/L	96-136
Bromobenzene	105.	50.0	52.6	ug/L	84-113
2-Chlorotoluene	109.	50.0	54.6	ug/L	81-120
N-Propylbenzene	111.	50.0	55.5	ug/L	83-121
4-Chlorotoluene	110.	50.0	55.1	ug/L	81-122
1,3,5-Trimethylbenzene	115.	50.0	57.5	ug/L	80-123
tert-Butylbenzene	114.	50.0	57.0	ug/L	84-121
1,2,4-Trichlorobenzene	107.	50.0	53.6	ug/L	76-126
sec-Butylbenzene	115.	50.0	57.4	ug/L	82-122
1,3-Dichlorobenzene	107.	50.0	53.5	ug/L	86-110
P-Isopropyltoluene	* 123.	50.0	61.6	ug/L	88-121
1,4-Dichlorobenzene	103.	50.0	51.3	ug/L	86-111
1,2-Dichlorobenzene	107.	50.0	53.6	ug/L	86-112
N-Butylbenzene	* 125.	50.0	62.5	ug/L	78-121
1,2-Dibromo-3-Chloropropane	104.	50.0	52.1	ug/L	67-124
1,2,4-Trimethylbenzene	115.	50.0	57.4	ug/L	83-118
Naphthalene	99.2	50.0	49.6	ug/L	62-126
Hexachlorobutadiene	* 116.	50.0	57.8	ug/L	73-113
1,2,3-Trichlorobenzene	105.	50.0	52.3	ug/L	70-122
Methyl tert-butyl Ether	105.	50.0	52.4	ug/L	81-125
Acetone	110.	50.0	54.8	ug/L	62-172
2-Butanone	112.	50.0	55.8	ug/L	71-132
4-Methyl-2-Pentanone	117.	50.0	58.7	ug/L	83-122
2-Hexanone	108.	50.0	53.8	ug/L	80-124
m+p-Xylenes	112.	100.	112.	ug/L	88-116
o-Xylene	115.	50.0	57.4	ug/L	90-116
Xylenes (Total)	113.	150.	170.	ug/L	89-116
1,3,5-Trichlorobenzene	115.	50.0	57.4	ug/L	77-120
Vinyl Acetate	126.	50.0	63.0	ug/L	56-129
Carbon Disulfide	* 141.	50.0	70.7	ug/L	71-129
Diethyl Ether	96.8	50.0	48.4	ug/L	78-124
Tetrahydrofuran	91.4	50.0	45.7	ug/L	74-123
Dibromofluoromethane	100.				68-128

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LCS Recovery Report

Lab ID: WG312635-1
Client ID: LCS
SDG: SP0087
LCS File ID: W1775.D
Report Date: 14-JAN-22

Extract Date: 10-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312635

Analysis Date: 10-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	101.				67-135
Toluene-d8	99.6				65-128
P-Bromofluorobenzene	101.				56-133

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Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : DEP C Smith Meddy
Lab File ID : W1846.D
Instrument ID : GCMS-W
Heated Purge : No

SDG : SP0087
Lab Sample ID : WG312781-2
Date Analyzed : 14-JAN-22
Time Analyzed : 10:49

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	WG312781-1	W1844.D	01/14/22	09:39
Methanol Blank	WG312781-6	W1847.D	01/14/22	11:16
BLS-4 DUP	SP0087-6DL	W1848.D	01/14/22	11:44

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312781-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: W1846.D

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781
% Solids: NA

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 14-JAN-22

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

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312781-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: W1846.D

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781
% Solids: NA

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 14-JAN-22

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

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312781-2
Client ID: Method Blank
SDG: SP0087
Lab File ID: W1846.D

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781
% Solids: NA

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	25.	ug/L	1	25	25.
Dibromofluoromethane		113.	%			
1,2-Dichloroethane-d4		117.	%			
Toluene-d8		100.	%			
P-Bromofluorobenzene		101.	%			

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312781-6
Client ID: Methanol Blank
SDG: SP0087
Lab File ID: W1847.D

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781
% Solids: NA

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

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

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ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312781-6
Client ID: Methanol Blank
SDG: SP0087
Lab File ID: W1847.D

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781
% Solids: NA

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

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

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Katahdin
ANALYTICAL SERVICES

Report of Analytical Results

Lab ID: WG312781-6
Client ID: Methanol Blank
SDG: SP0087
Lab File ID: W1847.D

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781
% Solids: NA

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: SL
Report Date: 14-JAN-22

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Tetrahydrofuran	U	2500	ug/Kgdrywt	1	50	2500
Dibromofluoromethane		118.	%			
1,2-Dichloroethane-d4		123.	%			
Toluene-d8		102.	%			
P-Bromofluorobenzene		100.	%			

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Katahdin
ANALYTICAL SERVICES

LCS Recovery Report

Lab ID: WG312781-1
Client ID: LCS
SDG: SP0087
LCS File ID: W1844.D
Report Date: 14-JAN-22

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Dichlorodifluoromethane	100.	50.0	50.2	ug/L	29-164
Chloromethane	91.4	50.0	45.7	ug/L	59-123
Vinyl Chloride	96.0	50.0	48.0	ug/L	64-131
Bromomethane	108.	50.0	53.8	ug/L	57-135
Chloroethane	86.8	50.0	43.4	ug/L	53-157
Trichlorofluoromethane	98.8	50.0	49.4	ug/L	70-149
1,1-Dichloroethene	99.0	50.0	49.5	ug/L	88-127
Methylene Chloride	106.	50.0	53.1	ug/L	72-129
trans-1,2-Dichloroethene	104.	50.0	52.2	ug/L	78-125
1,1-Dichloroethane	104.	50.0	51.8	ug/L	76-130
cis-1,2-Dichloroethene	98.0	50.0	49.0	ug/L	85-123
1,2-Dichloroethylene (Total)	101.	100.	101.	ug/L	84-121
2,2-Dichloropropane	* 144.	50.0	72.0	ug/L	70-132
Chloroform	97.0	50.0	48.5	ug/L	78-128
Bromochloromethane	109.	50.0	54.4	ug/L	85-117
1,1,1-Trichloroethane	106.	50.0	53.1	ug/L	77-129
1,2-Dichloroethane	106.	50.0	53.0	ug/L	81-125
1,1-Dichloropropene	112.	50.0	56.1	ug/L	87-118
Carbon Tetrachloride	107.	50.0	53.4	ug/L	87-126
Benzene	105.	50.0	52.4	ug/L	86-116
1,2-Dichloropropane	103.	50.0	51.4	ug/L	84-118
Trichloroethene	102.	50.0	51.2	ug/L	79-121
Dibromomethane	99.4	50.0	49.7	ug/L	85-117
Bromodichloromethane	108.	50.0	53.9	ug/L	85-122
cis-1,3-Dichloropropene	* 122.	50.0	60.9	ug/L	83-119
Toluene	105.	50.0	52.3	ug/L	84-118
1,1,2-Trichloroethane	107.	50.0	53.6	ug/L	84-115
trans-1,3-Dichloropropene	123.	50.0	61.5	ug/L	85-135
1,3-Dichloropropane	105.	50.0	52.3	ug/L	80-119
Dibromochloromethane	108.	50.0	54.0	ug/L	85-119
Tetrachloroethene	101.	50.0	50.6	ug/L	47-155
1,2-Dibromoethane	112.	50.0	56.2	ug/L	84-116
Chlorobenzene	100.	50.0	50.1	ug/L	89-113
1,1,1,2-Tetrachloroethane	109.	50.0	54.6	ug/L	88-118
Ethylbenzene	106.	50.0	53.2	ug/L	88-113
Bromoform	113.	50.0	56.3	ug/L	86-117

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Katahdin
ANALYTICAL SERVICES

LCS Recovery Report

Lab ID: WG312781-1
Client ID: LCS
SDG: SP0087
LCS File ID: W1844.D
Report Date: 14-JAN-22

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Styrene	108.	50.0	53.8	ug/L	88-117
1,1,2,2-Tetrachloroethane	108.	50.0	54.1	ug/L	79-121
1,2,3-Trichloropropane	107.	50.0	53.3	ug/L	77-120
Isopropylbenzene	115.	50.0	57.3	ug/L	96-136
Bromobenzene	103.	50.0	51.4	ug/L	84-113
2-Chlorotoluene	108.	50.0	53.8	ug/L	81-120
N-Propylbenzene	109.	50.0	54.3	ug/L	83-121
4-Chlorotoluene	109.	50.0	54.7	ug/L	81-122
1,3,5-Trimethylbenzene	113.	50.0	56.4	ug/L	80-123
tert-Butylbenzene	112.	50.0	56.1	ug/L	84-121
1,2,4-Trichlorobenzene	104.	50.0	52.0	ug/L	76-126
sec-Butylbenzene	112.	50.0	56.0	ug/L	82-122
1,3-Dichlorobenzene	105.	50.0	52.4	ug/L	86-110
P-Isopropyltoluene	120.	50.0	59.9	ug/L	88-121
1,4-Dichlorobenzene	100.	50.0	50.0	ug/L	86-111
1,2-Dichlorobenzene	103.	50.0	51.6	ug/L	86-112
N-Butylbenzene	121.	50.0	60.4	ug/L	78-121
1,2-Dibromo-3-Chloropropane	105.	50.0	52.6	ug/L	67-124
1,2,4-Trimethylbenzene	112.	50.0	56.1	ug/L	83-118
Naphthalene	110.	50.0	54.9	ug/L	62-126
Hexachlorobutadiene	111.	50.0	55.5	ug/L	73-113
1,2,3-Trichlorobenzene	106.	50.0	52.9	ug/L	70-122
Methyl tert-butyl Ether	113.	50.0	56.7	ug/L	81-125
Acetone	112.	50.0	56.0	ug/L	62-172
2-Butanone	118.	50.0	59.2	ug/L	71-132
4-Methyl-2-Pentanone	121.	50.0	60.4	ug/L	83-122
2-Hexanone	113.	50.0	56.3	ug/L	80-124
m+p-Xylenes	111.	100.	111.	ug/L	88-116
o-Xylene	114.	50.0	57.0	ug/L	90-116
Xylenes (Total)	112.	150.	168.	ug/L	89-116
1,3,5-Trichlorobenzene	112.	50.0	56.1	ug/L	77-120
Vinyl Acetate	* 137.	50.0	68.4	ug/L	56-129
Carbon Disulfide	* 146.	50.0	73.0	ug/L	71-129
Diethyl Ether	100.	50.0	50.1	ug/L	78-124
Tetrahydrofuran	93.6	50.0	46.8	ug/L	74-123
Dibromofluoromethane	99.4				68-128

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Katahdin
ANALYTICAL SERVICES

LCS Recovery Report

Lab ID: WG312781-1
Client ID: LCS
SDG: SP0087
LCS File ID: W1844.D
Report Date: 14-JAN-22

Extract Date: 14-JAN-22
Extracted By: CR
Extraction Method: SW846 5030
Lab Prep Batch: WG312781

Analysis Date: 14-JAN-22
Analyst: CR
Analysis Method: SW846 8260B
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	103.				67-135
Toluene-d8	100.				65-128
P-Bromofluorobenzene	104.				56-133

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Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

Lab Sample ID: SP0087-1
Report Date: 13-JAN-22
Project: DEP C Smith Meddy
SDG: SP0087

Sample Description	Matrix	Date Sampled	Date Received
BLS-1	SL	04-JAN-22 14:30:00	06-JAN-22

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Total Solids	91. %	1.0	N/A	SM2540G	WG312581	10-JAN-22 10:57:00	SM2540G	07-JAN-22	JJ		

Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

Lab Sample ID: SP0087-2
Report Date: 13-JAN-22
Project: DEP C Smith Meddy
SDG: SP0087

Sample Description	Matrix	Date Sampled	Date Received
BLS-2	SL	04-JAN-22 14:34:00	06-JAN-22

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Total Solids	87. %	1.0	N/A	SM2540G	WG312581	10-JAN-22 10:57:00	SM2540G	07-JAN-22	JJ		

Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

Lab Sample ID: SP0087-3
Report Date: 13-JAN-22
Project: DEP C Smith Meddy
SDG: SP0087

Sample Description	Matrix	Date Sampled	Date Received
BLS-3	SL	04-JAN-22 14:19:00	06-JAN-22

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Total Solids	86. %	1.0	N/A	SM2540G	WG312581	10-JAN-22 10:57:00	SM2540G	07-JAN-22	JJ		

Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

Lab Sample ID: SP0087-4
Report Date: 13-JAN-22
Project: DEP C Smith Meddy
SDG: SP0087

Sample Description	Matrix	Date Sampled	Date Received
BLS-4	SL	04-JAN-22 14:29:00	06-JAN-22

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Total Solids	84. %	1.0	N/A	SM2540G	WG312581	10-JAN-22 10:57:00	SM2540G	07-JAN-22	JJ		

Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

Lab Sample ID: SP0087-5
Report Date: 13-JAN-22
Project: DEP C Smith Meddy
SDG: SP0087

Sample Description	Matrix	Date Sampled	Date Received
BLS-5	SL	04-JAN-22 14:32:00	06-JAN-22

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Total Solids	80. %	1.0	N/A	SM2540G	WG312581	10-JAN-22 10:57:00	SM2540G	07-JAN-22	JJ		

Report of Analytical Results

Client: Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth,ME 04105

Lab Sample ID: SP0087-6
Report Date: 13-JAN-22
Project: DEP C Smith Meddy
SDG: SP0087

Sample Description	Matrix	Date Sampled	Date Received
BLS-4 DUP	SL	04-JAN-22 14:29:00	06-JAN-22

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC Batch	Analysis Date	Prep. Method	Prep. Date	Analyst	Footnotes	RPD/RSD
Total Solids	84. %	1.0	N/A	SM2540G	WG312581	10-JAN-22 10:57:00	SM2540G	07-JAN-22	JJ		

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG312581	SM2540G	10-JAN-22	07-JAN-22	100 %	1.0 %

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Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG312581-2	LCS	WG312581	10-JAN-22	07-JAN-22	%	90	90.	100	90-110	

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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
WG312581-4	SP0087-3	WG312581	10-JAN-22	%	86.	86.	1	

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Katahdin Analytical Services, LLC. **Sample Receipt Condition Report**

Client: Campbell E.G	KAS PM: VL	Sampled By: Client	
Project:	KIMS Entry By: CM	Delivered By: Client	
KAS Work Order#: SP0087	KIMS Review By: VL	Received By: MLV	
	Labeled By: MLV		
SDG #:	Cooler: 1 of 1	Date/Time Rec.: 1/6/22 1600	

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.	✓				Temp (°C): 0.1 — 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 cbol?				✓	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. Bottleware Prepped on:					

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments.

Katahdin ANALYTICAL SERVICES

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Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page 1 of 1

Client	Contact	Phone #	Fax #
Campbell Environmental Group	Rich Campbell	(207) 253-1990	( )

Address	City	State	Zip Code
173 Gray Rd	Falmouth	ME	04105

Purchase Order #	Proj. Name / No.	Katahdin Quote #
	DEP CSmith Meddy	

Bill (if different than above) — Address

Sampler (Print / Sign): Rich Campbell — Copies To:

LAB USE ONLY — WORK ORDER #: SP0087 — KATAHDIN PROJECT NUMBER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

★	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	ANALYSIS AND CONTAINER TYPE PRESERVATIVES: Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
							8260							
	BLS-1	1/4 / 14:30	S	5			✓							
	BLS-2	1/4 / 14:34												
	BLS-3	1/5 / 1419												
	BLS-4	1/5 / 14:29												
	BLS-5	1/5 / 14:32												
	BLS-4 DUP	1/5 / 14:29												
		/												
		/												
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		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Rich Campbell	1/6 2:27			1/6/22 16:00	
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

Login Chain of Custody (ln01)

Jan. 06, 2022
08:54 PM

Login Number: SP0087

Account: CAMPBE001
Campbell Environmental Group

Project: CAMPCRS001

Quote/Incoming: CAMPSOIL

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:

Login Information

ANALYSIS INSTRUCTIONS	:	
CHECK NO.	:	
CLIENT PO#	:	
CLIENT PROJECT MANAGE	:	
CONTRACT	:	
COOLER TEMPERATURE	:	0.1
DELIVERY SERVICES	:	Client
EDD FORMAT	:	KAS064QC-XLS
ISM INSTRUCTIONS	:	
LOGIN INITIALS	:	GN
PM	:	DL
PROJECT NAME	:	DEP C Smith Meddy
QC LEVEL	:	II+
REPORT INSTRUCTIONS	:	email pdf, edd and invoice to Rich, no HC
SDG ID	:	
SDG STATUS	:	
VERBAL TAT	:	

Run Reports: Logindetail

Login Number: SP0087

Account: CAMPBE001
Campbell Environmental Group

Project: CAMPCRS001

Quote/Incoming: CAMPSOIL

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SP0087-1	BLS-1	04-JAN-22 14:30	06-JAN-22		16-JAN-22		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	SW8260FULL5ML	18-JAN-22		40 mL Vial+DI+MEOH
Solid	S	TS-ME	11-JAN-22		2oz Glass
Service	S	WASTE-DISPOSAL			

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SP0087-2	BLS-2	04-JAN-22 14:34	06-JAN-22		16-JAN-22		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	SW8260FULL5ML	18-JAN-22		40 mL Vial+DI+MEOH
Solid	S	TS-ME	11-JAN-22		2oz Glass
Service	S	WASTE-DISPOSAL			

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SP0087-3	BLS-3	04-JAN-22 14:19	06-JAN-22		16-JAN-22		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	SW8260FULL5ML	18-JAN-22		40 mL Vial+DI+MEOH
Solid	S	TS-ME	11-JAN-22		2oz Glass
Service	S	WASTE-DISPOSAL			

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SP0087-4	BLS-4	04-JAN-22 14:29	06-JAN-22		16-JAN-22		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	SW8260FULL5ML	18-JAN-22		40 mL Vial+DI+MEOH
Solid	S	TS-ME	11-JAN-22		2oz Glass
Service	S	WASTE-DISPOSAL			

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SP0087-5	BLS-5	04-JAN-22 14:32	06-JAN-22		16-JAN-22		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	SW8260FULL5ML	18-JAN-22		40 mL Vial+DI+MEOH
Solid	S	TS-ME	11-JAN-22		2oz Glass
Service	S	WASTE-DISPOSAL			

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SP0087-6	BLS-4 DUP	04-JAN-22 14:29	06-JAN-22		16-JAN-22		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	SW8260FULL5ML	18-JAN-22		40 mL Vial+DI+MEOH
Solid	S	TS-ME	11-JAN-22		2oz Glass
Service	S	WASTE-DISPOSAL			

Total Samples: 6 ***Total Analyses: 18***

Run Reports: Logindetail

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

Alex Alterisio
Authorized Signature

Date of Approval: 3/21/2022
Total number of pages: 23

Absolute Resource Associates Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH902		

Project ID: C Smith/Meddy

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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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 Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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 Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis 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 Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis 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

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						
		bromoform		<	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		

PAGE 1 OF 1

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 Falmouth ME
Report To: AARON BRIGNULL
Phone #: 207-253-1990
Invoice to: "
Email: ABRIGNULL@CEGENVIRONMENTAL.com
PO #:

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

Analysis request columns: ❑ VOC 8260 ☒ VOC 8260 NHDES ❑ VOC 8260 MADEP; ❑ VOC 624.1 ❑ VOC BTEX MtBE, 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 ❑ 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	Water	Solid	Other	HCl	HNO_3	H_2SO_4	NaOH	MeOH	Date	Time	Sampler	VOC 8260 NHDES	8082 PCB	Notes
60382-01	BLS-1									X	3.16.22	0735	AD	X	X	
60382-02	BLS-2	1		X						X	3.16.22	0810		X	X	per A. Brignull JD 3/16/22
60382-~~02~~ 06	BLS-2 DUP	1		X						X	3.16.22	0810		X	X	
60382-03	Trip Blank	1	X	X						.	9.22.22			X	~~X~~	not rec'd JD 3/16/22
60382-04	DECON-BKT	1									3.16.22	0852			X	
60382-05	DECON-TRE	1									3.16.22	0855			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
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

	Date	Time		Date	Time
Relinquished by Sampler: [signature]	3.16.22	1407	Received by: [signature]	3/16/22	14:07
Relinquished by:			Received by:		
Relinquished by:			Received by Laboratory:		

QSD-01 Revision 09/16/2021

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									
HCl	40mL(G)		250mL(P)		500mL(P)		1L(G)			
HNO_3	125mL(P)		250mL(P)		500mL(P)					
H_2SO_4	40mL(G)		60mL(P)		125mL(P)		250mL(P)		500mL(P)	
NaOH	125mL(P)		250mL(P)							
$(NH_4)_2SO_4$	60mL(P)		125mL(P)		250mL(P)					
ZnAc-NaOH	125mL(P)		250mL(P)							
Trizma	125mL(P)		250mL (P)							
NH_4Ac	125mL(P)		250mL (P)							
NaS_2O_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					

Check pH for ALL applicable* samples and document:

*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) |

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	X			
Analyses marked on COC match bottles received?		X		VOC not noted 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,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			Larry, Sarah
Subcontract note on login board?			X	
Pesticides EPA 608 pH5-9?			X	sd spoke to Aaron B. VOC needed-see COC
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: DL Date/Time: _____

Peer Review Checklist

☐ Client ID/Project Manager	☐ On Ice, Temperature OK?	☐ Sample IDs	☐ Analyses in Correctly
☐ Project Name	☐ PO# (if provided)	☐ Matrix	-references
☐ TAT/rushes communicated	☐ Sub samples sent? Shipping Charge?	☐ Date/Time collected	-wastewater methods
☐ Received Date/Time	☐ Issues noted above communicated?	☐ Short HTs communicated	☐ Notes from CoC in LIMS

Reviewed By: _____ Date: _____

Notes: (continue on back as needed)

24hr. on VOC
3 day on PCB
per Aaron B. 3/3/16/22

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

QSD-04 Rev9 05/24/21 JVG (Page 1 of 1)

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

Alex Alterisio
Authorized Signature

Date of Approval: 3/23/2022
Total number of pages: 19

Absolute Resource Associates Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH902		

Project ID: C. Smith MEDDY

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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
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

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						
		bromoform		<	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		

Absolute Resource associates

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

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

60423
Lab ID Here

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

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

ANALYSIS REQUEST

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	WATER	SOLID	OTHER	HCl	HNO_3	H_2SO_4	NaOH	MeOH	DATE	TIME	SAMPLER	VOC 8260	8082 PCB
60423-01	B-5C	1		^						X	3.18.22	0902	AB		X
-02	BLS-1A	1		X						X	↓	0843	AB	X	
-03	BLS-2A	1		X						X		0846	AB	X	

24hr TAT on VOCs per customer phone call 3/21/22 (initials)

Analysis columns: ☒ VOC 8260 ❑ VOC 8260 NHDES ❑ VOC 8260 MADEP; ❑ VOC 624.1 ❑ VOC BTEX MtBE, 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 ❑ 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)

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~~ PCB results by 3.23 if possible. WEDNESDAY

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

RECEIVED ON ICE ☒ YES ❑ NO
TEMPERATURE 0.8 °C

CUSTODY RECORD

Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Sampler: (signature)	3/18/22	15:15	Received by: (signature)	3/18/22	15:15
Relinquished by: (signature)	3/20/22	11:00	Received by: (signature)	3/20/22	11:00
Relinquished by: (signature)	3/21/22	8:30	Received by Laboratory: (signature)	3/21/22	08:30

QSD-01 Revision 09/16/2021

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)				
HNO_3	125mL(P)		250mL(P)		500mL(P)						
H_2SO_4	40mL(G)		60mL(P)		125mL(P)		250mL(P)		500mL(P)		
NaOH	125mL(P)		250mL(P)								
$(NH_4)_2SO_4$	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_4Ac	125mL(P)		250mL (P)								Residual Cl not present:
NaS_2O_3	40mL(G)		120mL(P)								ABN625____Pest608____
MeOH	20mL(G)		40mL(G)	2							Bacteria ResCl ✓by analyst
None (solid)	2oz(G)		4oz(G)	1	8oz(G)		Syringe	2			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?	✓			
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,o-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?	✓			LM, SM, SB
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: DL/gl Date/Time: 3/21/22 12:17

Peer Review Checklist

☐ Client ID/Project Manager	☐ On Ice, Temperature OK?	☐ Sample IDs	☐ Analyses in Correctly
☐ Project Name	☐ PO# (if provided)	☐ Matrix	-references
☐ TAT/rushes communicated	☐ Sub samples sent? Shipping Charge?	☐ Date/Time collected	-wastewater methods
☐ Received Date/Time	☐ Issues noted above communicated?	☐ Short HTs communicated	☐ 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

APPENDIX C

TRANSPORTATION AND DISPOSAL FACILITY DOCUMENTATION

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
M E P 0 0 0 0 2 1 5 2 4	1	800.452.4664	006453131 GBF

GENERATOR

5. Generator's Name and Mailing Address
Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address)
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name
Goulet Trucking
U.S. EPA ID Number
M A C 3 0 0 0 0 6 0 3 8

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number
1 1 6 7 2 8 0 2 0 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	0 0 1	D T	Est 33	TN K	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*** E.R.G. # 171 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rich Campbell
Signature: [signature]
Month: 01 Day: 04 Year: 22

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only): Date leaving U.S.: 1-5-22

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID NEWTON
Signature: [signature]
Month: 01 Day: 04 Year: 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

BTN # X2022010577067 3 21-21 277764

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
M E P 0 0 0 0 2 1 5 2 4	1	800.452.4664	006453132 GBF

GENERATOR

5. Generator's Name and Mailing Address
Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address)
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name: Goulet Trucking
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number: 116728020 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	001	DT	Est 20	T	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*** E.R.C. # 1718 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Signed pursuant to 38 MRS 1318B Haz Mat. Removal — Richcampbell
Signature: Richcampbell
Month: 10 Day: 04 Year: 22

INT'L

16. International Shipments
☐ Import to U.S. ☒ Export from U.S.
Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only):
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Vessa
Signature:
Month: 1 Day: 4 Year: 21

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
28480 KG
Manifest Reference Number: R-13669

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Angie S Cotton
Signature:
Month: 01 Day: 05 Year: 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

ITN# X20220105770546

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MEP000021524
2. Page 1 of: 1
3. Emergency Response Phone: 800.452.4664
4. Manifest Tracking Number: 006453133 GBF

5. Generator's Name and Mailing Address: Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address):
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name: Goulet Trucking — U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number: 116728020 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	001	DT	Est 27265	K	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information *** E.R.G. # 171 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rich Campbell — Signed pursuant to MRS 1318B Haz-Waste Removal Action
Signature: [signature] Month 01 Day 04 Year 22

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only): [signature] Date leaving U.S.: 1-5-22

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jim Harris — Signature: [signature] Month 01 Day 04 Year 22
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
27690 Kg
Manifest Reference Number: P-13670

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: ANGY S CORTOIS — Signature: [signature] Month 01 Day 05 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
M E P 0 0 0 0 2 1 5 2 4	1	800.452.4664	006453130 GBF

GENERATOR

5. Generator's Name and Mailing Address
Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address)
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name: Goulet Trucking
U.S. EPA ID Number: M A C 3 0 0 0 0 6 0 3 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number: 1 1 6 7 2 8 0 2 0 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	0 0 1	D T	Est	K	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*** E.R.G. # 171 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Signed PURSUANT TO 38 MRS 1318B Rich Campbell Signature: Rich Campbell Hazmat Remediation Month: 01 Day: 06 Year: 22

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only): Richard Culbertson Date leaving U.S.: 01-07-22

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Richard Culbertson Signature: Richard Culbertson Month: 1 Day: 6 Year: 22
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
26610 Kg
Manifest Reference Number: P-13679
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Andy Cantois Signature: Andy Cantois Month: 01 Day: 07 Year: 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

ITN # X20220107908301

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
M E P 0 0 0 0 2 1 5 2 4	1	800.452.4664	006453129 GBF

GENERATOR

5. Generator's Name and Mailing Address
Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address)
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name: Goulet Trucking
U.S. EPA ID Number: M A C 3 0 0 0 0 6 0 3 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number: 1 1 6 7 2 8 0 2 0 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	0 0 1	D T	Est	K	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*** E.R.G. # 171 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rich Campbell
Signature
Month 01 Day 06 Year 22

Signed pursuant to 39 MRS 1318B Hazmat Removal

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Orlando
Signature
Month 01 Day 06 Year 22

Transporter 2 Printed/Typed Name:
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
13380 Kg
Manifest Reference Number: P-13680

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: ANGY CONTOIS
Signature
Month 01 Day 07 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

O#277767

ITN# X2022-0321050303

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M E P 0 0 0 0 2 1 5 2 4
2. Page 1 of: 1
3. Emergency Response Phone: 800.452.4664
4. Manifest Tracking Number: 006453128 GBF

5. Generator's Name and Mailing Address: Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address):
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name: Goulet Trucking — U.S. EPA ID Number: M A C 3 0 0 0 0 6 0 3 8

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number: 1 1 6 7 2 8 0 2 0 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	0 0 1	D T	Est 23,690	K	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*** E.R.G. # 171 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AARON BRIGNULL — Signed Pursuant to 38 MRS HAZ MAT Removal
Signature: [signature] — Month 3 Day 18 Year 22

16. International Shipments: ☐ Import to U.S. ☒ Export from U.S. — Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only): [signature] — Date leaving U.S.: 3/21/2022

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Michael Curtis — Signature: [signature] — Month 03 Day 18 Year 22
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
24350 Kg
Manifest Reference Number: P-14219

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: ANDY COMTOIS — Signature: [signature] — Month 03 Day 21 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
M E P 0 0 0 0 2 1 5 2 4	1	800.452.4664	006453122 GBF

GENERATOR

5. Generator's Name and Mailing Address: Unknown Generator
c/o: DEP - Maine Hazardous Waste Fund
17 State House Station - Augusta, ME 04333-0017
Generator's Phone: 207.287.7688

Generator's Site Address (if different than mailing address):
Charlotte Smith Property
881 Main Street
Meddybemps, Maine 04657

6. Transporter 1 Company Name: Goulet Trucking
U.S. EPA ID Number: M A C 3 0 0 0 0 6 0 3 8

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Englobe Corp
8365 Avenue Broadway Nord, Montreal-Est, Quebec H1B 5X7
Facility's Phone: 514.644.1405
U.S. EPA ID Number: 1 1 6 7 2 8 0 2 0 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN 3077, RQ, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Trichloroethylene Impacted Soil) HC 9, PG III	0 0 1	D T	Est	K	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*** E.R.G. # 171 ***
1) US Ecology of Burlington VT is acting intermediary expediting export
2) US EPA Notice: 029748/9E/21/05 3) Canadian Notice: 711273
4) Englobe Contract#: M23894 ITN: X20220324282463

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Aaron Brignull
Signature:
Month: 03 Day: 23 Year: 22

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain / Lacolle
Transporter signature (for exports only): Date leaving U.S.: 3/24

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott LeBlanc
Signature:
Month: 3 Day: 23 Year: 22
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
2590 Kg
Manifest Reference Number: P-14224
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: ANGY COMTOIS
Signature:
Month: 03 Day: 24 Year: 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

APPENDIX D

EASTERN MAINE ENVIRONMENTAL ASBESTOS SURVEY AND MANIFEST

EASTERN MAINE
ENVIRONMENTAL
241 SURRY ROAD, ELLSWORTH, ME, 04605
207-610-9500

December 6, 2021

Rich Campbell
Campbell Environmental Group
173 Gray Road
Falmouth, Maine

Re: Asbestos Survey – 881 Main Street Garage, Meddybemps, Maine

Dear Mr. Campbell,

On November 9, 2021, Eastern Maine Environmental (EME) conducted a survey of a vacant garage/barn for the presence of Asbestos Containing Building Materials (ACBM) in preparation for complete demolition of the structure. The National Emissions Standard for Hazardous Air Pollutants (NESHAPS) requires that all commercial facilities be inspected for ACBM prior to renovation or demolition activities. The property inspected is located at 881 Main Street Street in Meddybemps, Maine and is known locally as the Charlotte Smith property. Figure 1 provides an aerial view of the inspected property.

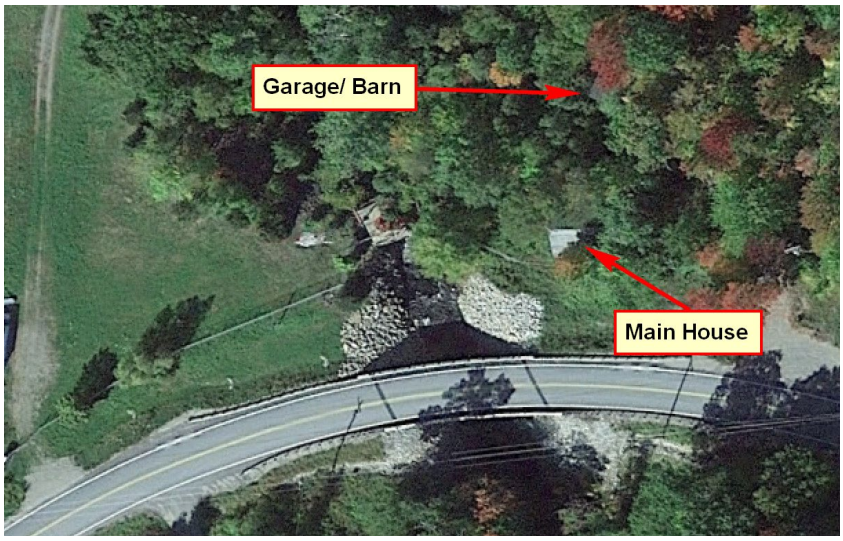


Figure 1. Aerial view of inspected building located at 881 Main Street, Meddybemps, Maine.

EASTERN MAINE
ENVIRONMENTAL
241 SURRY ROAD, ELLSWORTH, ME, 04605
207-610-9500

The entire structure was inspected and a total of eighteen (18) samples were collected from six (6) homogeneous groups of suspect asbestos containing building materials. As with any survey, the results are limited to materials that are exposed and readily accessible to the inspector.

Table 1 provides a summary of the asbestos inspection results and the analytical laboratory report is included as Appendix A of this report.

Table 1. 881 Main Street Garage, Meddybemps, Maine – Homogeneous Groups

Group #	Description	Asbestos Detected
1	Garage – Main Shop – Interior Wall Panels – Tan	No
2	Garage – Back Office – Flooring – Tan	No
3	Garage – Back Office – Floor Underlayment – Black	No
4	Garage – Back Office – Interior Wall Panels – Brown	No
5	Garage – Exterior – Roof – Asphalt Shingle – Black	No
6	Garage – Exterior – Roof – Tar Paper – Black	No
7		No

No asbestos was detected in any of the samples, no further asbestos related services are required prior to demolition of the building. It should be noted that the Maine DEP defines an asbestos-containing material as any material containing asbestos in quantities greater than or equal to 1% by volume as determined by weight, visual evaluation, and/or point count analysis.

Please see Appendix A for the analytical laboratory reports and Appendix C for copies of our Maine DEP certifications

Thank you for the opportunity to prepare the NESHAPS Asbestos Impact Survey for the anticipated project. Please feel free to call at any time should you have questions or require additional information.

Regards,

Eben Henderson
Eastern Maine Environmental, LLC

EASTERN MAINE
ENVIRONMENTAL
241 SURRY ROAD, ELLSWORTH, ME, 04605
207-610-9500

Appendix A – Analytical Lab Report

SanAir Technologies Laboratory

The Identification Specialists

Analysis Report
prepared for
Eastern Maine Environmental

Report Date: 11/24/2021

Project Name: 881 Main Street Garage - Meddybemps

Project #: 21053

SanAir ID#: 21072207

NVLAP TESTING

NVLAP LAB CODE 200870-0

10501 Trade Court | North Chesterfield, Virginia 23236
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com

SanAir Technologies Laboratory

SanAir ID Number
21072207
FINAL REPORT
11/24/2021 2:50:09 PM

Name: Eastern Maine Environmental
Address: 241 Surry Road
Ellsworth, ME 04605
Phone: 207-610-9500

Project Number: 21053
P.O. Number:
Project Name: 881 Main Street Garage - Meddybemps
Collected Date: 11/9/2021
Received Date: 11/17/2021 10:40:00 AM

Dear Eben Henderson,

We at SanAir would like to thank you for the work you recently submitted. The 12 sample(s) were received on Wednesday, November 17, 2021 via UPS. The final report(s) is enclosed for the following sample(s): 881-G1, 881-G2, 881-G3, 881-G4, 881-G5, 881-G6, 881-G7, 881-G8, 881-G9, 881-G10, 881-G11, 881-G12.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:
- 12 samples in Good condition.

SanAir Technologies Laboratory

SanAir ID Number
21072207
FINAL REPORT
11/24/2021 2:50:09 PM

Name: Eastern Maine Environmental
Address: 241 Surry Road
Ellsworth, ME 04605
Phone: 207-610-9500

Project Number: 21053
P.O. Number:
Project Name: 881 Main Street Garage - Meddybemps
Collected Date: 11/9/2021
Received Date: 11/17/2021 10:40:00 AM

Analyst: Moore, Brandi

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
881-G1 / 21072207-001 Garage - Main Shop - Interior Wall Panels	Tan Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G2 / 21072207-002 Garage - Main Shop - Interior Wall Panels	Tan Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G3 / 21072207-003 Garage - Main Shop - Interior Wall Panels	Tan Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G4 / 21072207-004 Garage - Back Office - Flooring, Flooring	Tan Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G4 / 21072207-004 Garage - Back Office - Flooring, Flooring	Black Fibrous Heterogeneous	65% Cellulose	35% Other	None Detected
881-G5 / 21072207-005 Garage - Back Office - Flooring, Flooring	Tan Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G5 / 21072207-005 Garage - Back Office - Flooring, Flooring	Black Fibrous Heterogeneous	65% Cellulose	35% Other	None Detected
881-G6 / 21072207-006 Garage - Back Office - Flooring, Flooring	Tan Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G6 / 21072207-006 Garage - Back Office - Flooring, Flooring	Black Fibrous Heterogeneous	65% Cellulose	35% Other	None Detected
881-G7 / 21072207-007 Garage - Back Office - Interior Wall Panels	Brown Fibrous Homogeneous	98% Cellulose	2% Other	None Detected

Analyst: Brandi Moore Approved Signatory: Johnathan Wilson

Analysis Date: 11/24/2021 Date: 11/24/2021

SanAir Technologies Laboratory

SanAir ID Number
21072207
FINAL REPORT
11/24/2021 2:50:09 PM

Name: Eastern Maine Environmental
Address: 241 Surry Road
Ellsworth, ME 04605
Phone: 207-610-9500

Project Number: 21053
P.O. Number:
Project Name: 881 Main Street Garage - Meddybemps
Collected Date: 11/9/2021
Received Date: 11/17/2021 10:40:00 AM

Analyst: Moore, Brandi

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
881-G8 / 21072207-008 Garage - Back Office - Interior Wall Panels	Brown Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G9 / 21072207-009 Garage - Back Office - Interior Wall Panels	Brown Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
881-G10 / 21072207-010 Garage - Roof - Asphalt Roof Shingles, Asphalt Shingle	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
881-G10 / 21072207-010 Garage - Roof - Asphalt Roof Shingles, Tar Paper	Black Fibrous Heterogeneous	55% Cellulose	45% Other	None Detected
881-G11 / 21072207-011 Garage - Roof - Asphalt Roof Shingles, Asphalt Shingle	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
881-G11 / 21072207-011 Garage - Roof - Asphalt Roof Shingles, Tar Paper	Black Fibrous Heterogeneous	55% Cellulose	45% Other	None Detected
881-G12 / 21072207-012 Garage - Roof - Asphalt Roof Shingles, Asphalt Shingle	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
881-G12 / 21072207-012 Garage - Roof - Asphalt Roof Shingles, Tar Paper	Black Fibrous Heterogeneous	55% Cellulose	45% Other	None Detected

Analyst: Brandi Moore Approved Signatory: Johnathan Wilson

Analysis Date: 11/24/2021 Date: 11/24/2021

Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications
NVLAP lab code 200870-0
City of Philadelphia: ALL-460
PA Department of Environmental Protection Number: 68-05397
California License Number: 2915
Colorado License Number: AL-23143
Connecticut License Number: PH-0105
Massachusetts License Number: AA000222
Maine License Number: LB-0075, LA-0084
New York ELAP lab ID: 11983
Rhode Island License Number: PCM00126, PLM00126, TEM00126
Texas Department of State Health Services License Number: 300440
Commonwealth of Virginia 3333000323
Washington State License Number: C989
West Virginia License Number: LT000616
Vermont License: AL166318
Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020

SanAir Technologies Laboratory

1551 Oakbridge Dr. STE B
Powhatan, VA 23139
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

Asbestos Chain of Custody

Form 140, Rev 1, 1/20/2017

SanAir ID Number: 21072207

Company: Eastern Maine Environmental	Project #: 21053	Collect by: E. Henderson
Address: 241 Surry Road	Project Name: 881 Main Street Garage - Meddybemps	Phone #: 207-610-9500
City, St., Zip: Ellsworth, ME 04605	Date Collected: 11/9/21	Fax #:
State of Collection: ME Account#: 3769	P.O. Number:	Email: easternmaineenvironmental@gmail.com

Bulk

ABB	PLM EPA 600/R-93/116	■
	Positive Stop ☐	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB**	■
ABBCH	TEM Chatfield**	☐
ABBTM	TEM EPA NOB**	☐
ABQ	PLM Qualitative	☐

** Available on 24-hr. to 5-day TAT

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐
Other:		☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐

Vermiculite & Soil

ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Matrix	Other	
		☐

Turn Around Times	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	☐ 2 Days	☐ 3 Days	☐ 4 Days	■ 5 Days

Special Instructions: Use PLM EPA NOB for "problem matrices" only

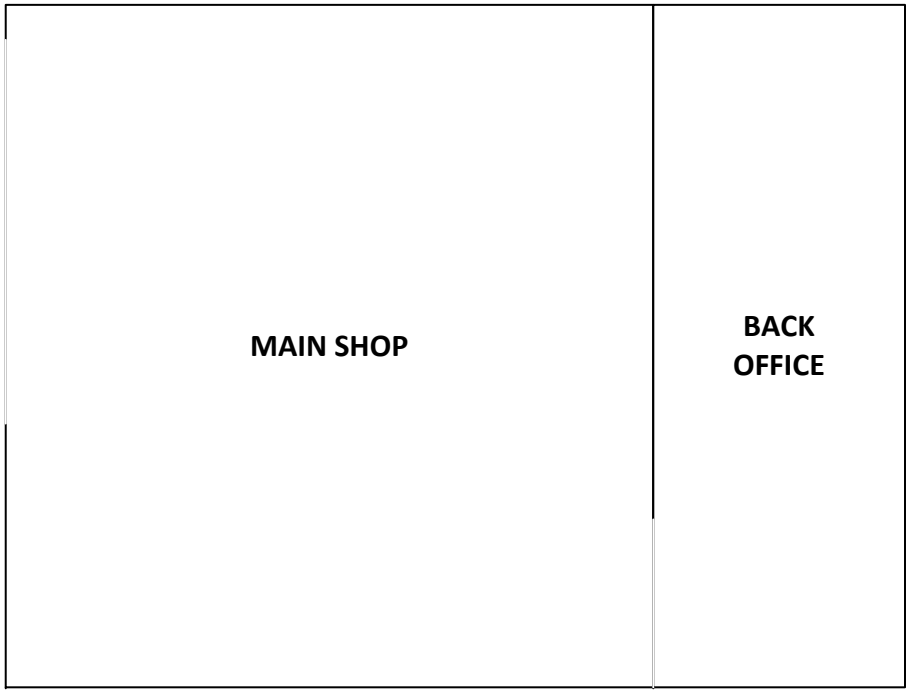
Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start – Stop Time*	
881-G1	GARAGE - MAIN SHOP - INTERIOR WALL PANELS - TAN	1 in2	11/9/21			
881-G2	"	"	"			
881-G3	"	"	"			
881-G4	GARAGE - BACK OFFICE - FLOORING - TAN/BLACK	1 in2	11/9/21			
881-G5	"	"	"			
881-G6	"	"	"			
881-G7	GARAGE - BACK OFFICE - INTERIOR WALL PANELS - BROWN	1 in2	11/9/21			
881-G8	"	"	"			
881-G9	"	"	"			
881-G10	GARAGE - ROOF - ASPHALT ROOF SHINGLES - BLACK	1 in2	11/9/21			
881-G11	"	"	"			
881-G12	"	"	"			

Relinquished by	Date	Time	Received by	Date	Time
E. Henderson	11/16/21	1600	EDR	11/17/21	10:40 a.m.

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or holiday work must be scheduled ahead of time and is charged for rush turnaround time. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

EASTERN MAINE
ENVIRONMENTAL
241 SURRY ROAD, ELLSWORTH, ME, 04605
207-610-9500

Appendix B – Floorplan



EASTERN MAINE ENVIRONMENTAL
241 SURRY ROAD, ELLSWORTH, ME, 04605
207-610-9500

NESHAP PRE-DEMOLITION INSPECTION
881 MAIN STREET, MEDDYBEMPS, MAINE

FLOOR PLAN

PREPARED BY:
EASTERN MAINE ENVIRONMENTAL

PREPARED FOR:
CAMPBELL ENVIRONMENTAL GROUP

SIZE	FSCM NO	DWG NO	REV

SCALE	NTS		SHEET	1 OF 1

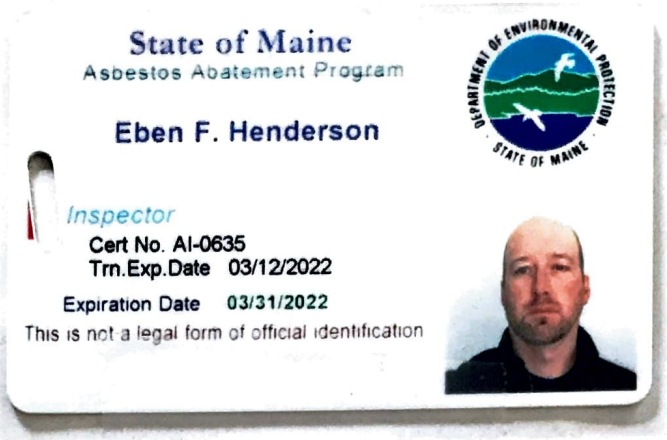
EASTERN MAINE
ENVIRONMENTAL
241 SURRY ROAD, ELLSWORTH, ME, 04605
207-610-9500

Appendix C – Certifications

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER



March 16, 2021

Eastern Maine Environmental
241 Surry Road
Ellsworth, ME 04605

Dear Licensee:

Asbestos application(s) for individual certification of the **one** employee(s) listed below have been received and **approved.** Individual certification numbers are listed below and wallet card(s) are enclosed. Card(s) are property of the individual to whom each is issued. Your responsibility as a licensee is to ensure delivery of the cards to persons in your employment. This letter should be retained for your company files as record of certification. Please attach 1 updated passport size photo with every application.

Remember, in Maine all **certified employees** working on an asbestos abatement project, whether conducting removal/repair, air monitoring, design, inspection, or analysis functions, **must work for a State of Maine licensed asbestos firm** and carry his/her wallet card(s) on the job site.

As a reminder, prior to renewing your asbestos certification, the State of Maine **requires** an annual refresher course to be taken before submitting a renewal application. A certificate shall expire one year from the last day of the month from the date of issuance, **or on the last day of the month that the training certificate expires**, whichever is sooner.

All our asbestos forms can be found at https://www.maine.gov/dep/waste/asbestos/forms.html
Thank you for your cooperation and your completed application(s).

Name	Category	Certification #	Exp. Date
Eben F. Henderson	Inspector	AI-0635	03/31/2022

Sincerely,

Sandra J. Moody

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769
(207) 764-0477 FAX: (207) 760-3143

website: www.maine.gov/dep

State of Maine
Department of Environmental Protection

LICENSE

Eastern Maine Environmental

Asbestos Consultant
(Inspection & Design)

License Number: SID-0128

Expiration Date: 04/30/2022

WASTE SHIPMENT RECORD/ASBESTOS MANIFEST

(See Reverse for Instructions)

For Disposal Site Use Only

Elevation_____

North_____ East_____

Generator

1-A.Special Waste Profile Number	NESHAP Notified	WSR Number
524285ME	____YES _X_NO	EME-21041

1-B. Generator Name, Contact Name, and Complete Mailing Address (including Zip Code)
Dawn Smith
881 Main Street, Meddybemps, ME, 04657

1-C. Generator's Phone Number

1-D. Work Site Address
881 Main Street, Meddybemps, ME, 04657

1-E. 24 Hour Emergency Response Telephone Number

2. Operator's Name and Complete Mailing Address
Eastern Maine Environmental, LLC 241 Surry Road, Ellsworth, ME, 04605

Operator's Phone Number
207-610-9500

3. Waste Disposal Site (WDS) Name and Complete Mailing Address
Crossroads Landfill
357 Mercer Rd., Norridgewock, ME 04957

WDS Phone Number
207.634.2714

4. Name and Address of Responsible Agency
State of Maine, Department of Environmental Protection
17 State House Station, Augusta, ME, 04333

5. Description of Materials		6. Containers No.	Type	7. Total Quantity yd3
X friable asbestos Linoleum	RQ, NA2212, Asbestos, 9, PGIII	12	bag	1.5
non-friable asbestos	Cat I ____ Cat II ____			

8. Special Handling Instructions and Additional Information
24 HOUR NOTICE GIVEN PRIOR TO DISPOSAL, MUST BE BURIED

9. GENERATOR/OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations. I hereby certify that the asbestos is not contaminated with hazardous, PCB, and/or any special waste.

Printed/Typed Name and Title	Signature	Date
Eben Henderson		12/21/21

Transporter

10. Transporter t Company Name
Eastern Maine Environmental
Complete Mailing Address
241 Surry Road, Ellsworth, ME, 04605
Telephone Number (including area code)
207-610-9500

Driver Signature

Printed Name and Title
Eben Henderson, Manager

Date 12/21/22

11. Transporter 2 Company Name
Complete Mailing Address
Telephone Number (including area code)

Driver Signature

Printed Name and Title

Date

Disposal Site

12. Discrepancy Indication Space

13. Waste Disposal Site Owner or Operator
Special Waste Approval is issued by signature in the case of a Generic Asbestos Approval.
Certification of receipt of asbestos materials covered by this manifest except as noted in Item 12.

Printed/Typed Name and Title	Signature	Date

DCE-230-97

WHITE - Disposal Site
CANARY - Generator (To be mailed by Disposal Site)
PINK - Transporter
GOLD - Generator (To be taken prior to disposal)

APPENDIX E

WELL ABANDONMENT FORMS

WELL ABANDONMENT RECORD For CS-1A
Maine Department of Environmental Protection
Bureau of Remediation and Waste Management

1. Date of Abandonment: January 6, 2022
2. Abandonment Contractor:
Allstate Environmental Services, Inc.
Company

Charles Dow
Printed Name of individual Abandoning Well

3. Well Location: Charlotte Smith Residence

Address 881 Main Street, Meddybemps, Maine

County Washington

Nearest Town Meddybemps
45° 2'18.78"N
Latitude (D,M,S or DD format)
67° 21'26.49"W
Longitude

4. Well Type
o direct push **X** drilled:

5. Well Use:
X monitoring o residential o industrial
injection o recovery o geotechnical

6. Reason for abandonment:
Placement: Site closure

7. Are boring logs available?
X Yes, attached o No

8. Are well construction logs available?
X Yes, attached o No

9. Well Depth (ft): 60'
10. Boring Diameter (in): Not Known
11. Riser/Casing Diameter (in): 2"
12. Type of Casing:
o steel **X** PVC

13. Was any casing removed?
X Yes No

If yes, length removed (ft.): approx.. 5 feet

14. Was well abandoned in place?
X Yes o No
If yes, was casing perforated?
X Yes o No

15. Abandonment Material:
bentonite grout **X** dry bentonite
cement grout o native soil

16. Quantity of Material Used :
# of bags, or
1.3 cubic feet

17. Explain Method of Material
Bentonite chips poured slowly into well

18. Signature of Person Abandoning the Well:

For Charles Dow

WELL ABANDONMENT RECORD For CS-1B
Maine Department of Environmental Protection
Bureau of Remediation and Waste Management

1. Date of Abandonment: January 6, 2022
2. Abandonment Contractor:
Allstate Environmental Services, Inc.
Company

Charles Dow
Printed Name of individual Abandoning Well

3. Well Location: Charlotte Smith Residence

Address 881 Main Street, Meddybemps, Maine

County Washington

Nearest Town Meddybemps
45° 2' 18.85"N
Latitude (D,M,S or DD format)
67° 21'26. 51"W
Longitude

4. Well Type
o direct push **X** drilled:

5. Well Use:
X monitoring o residential o industrial
injection o recovery o geotechnical

6. Reason for abandonment:
Placement: Site closure

7. Are boring logs available?
X Yes, attached o No

8. Are well construction logs available?
X Yes, attached o No

9. Well Depth (ft): 20'
10. Boring Diameter (in): Not Known
11. Riser/Casing Diameter (in): 2"
12. Type of Casing:
o steel **X** PVC

13. Was any casing removed?
X Yes No

If yes, length removed (ft.): approx.. 5 feet

14. Was well abandoned in place?
X Yes o No
If yes, was casing perforated?
X Yes o No

15. Abandonment Material:
bentonite grout **X** dry bentonite
cement grout o native soil

16. Quantity of Material Used :
# of bags, or
0.43 cubic feet

17. Explain Method of Material
Bentonite chips poured slowly into well

18. Signature of Person Abandoning the Well:

For Charles Dow

WELL ABANDONMENT RECORD For CS-2B
Maine Department of Environmental Protection
Bureau of Remediation and Waste Management

1. Date of Abandonment: January 6, 2022
2. Abandonment Contractor:
Allstate Environmental Services, Inc.
Company

Charles Dow
Printed Name of individual Abandoning Well

3. Well Location: Charlotte Smith Residence

Address 881 Main Street, Meddybemps, Maine

County Washington

Nearest Town Meddybemps
45° 2’ 19.76”N
Latitude (D,M,S or DD format)

67° 21’ 26.32”W
Longitude

4. Well Type
o direct push **X** drilled:

5. Well Use:
X monitoring o residential o industrial
injection o recovery o geotechnical

6. Reason for abandonment:
Placement: Site closure

7. Are boring logs available?
X Yes, attached o No

8. Are well construction logs available?
X Yes, attached o No

9. Well Depth (ft): 30’
10. Boring Diameter (in): Not Known
11. Riser/Casing Diameter (in): 2”
12. Type of Casing:
o steel **X** PVC

13. Was any casing removed?
X Yes No

If yes, length removed (ft.): approx.. 5 feet

14. Was well abandoned in place?
X Yes o No
If yes, was casing perforated?
X Yes o No

15. Abandonment Material:
bentonite grout **X** dry bentonite
cement grout o native soil

16. Quantity of Material Used :
# of bags, or
0.65 cubic feet

17. Explain Method of Material
Bentonite chips poured slowly into well

18. Signature of Person Abandoning the Well:

For Charles Dow

WELL ABANDONMENT RECORD For CS-3B
Maine Department of Environmental Protection
Bureau of Remediation and Waste Management

1. Date of Abandonment: January 6, 2022
2. Abandonment Contractor:
Allstate Environmental Services, Inc.
Company

Charles Dow
Printed Name of individual Abandoning Well

3. Well Location: Charlotte Smith Residence

Address 881 Main Street, Meddybemps, Maine

County Washington

Nearest Town Meddybemps
45° 2’ 18.81”N
Latitude (D,M,S or DD format)

67° 21’ 25.00”W
Longitude

4. Well Type
o direct push **X** drilled:

5. Well Use:
X monitoring o residential o industrial
injection o recovery o geotechnical

6. Reason for abandonment:
Placement: Site closure

7. Are boring logs available?
X Yes, attached o No

8. Are well construction logs available?
X Yes, attached o No

9. Well Depth (ft): 22’
10. Boring Diameter (in): Not Known
11. Riser/Casing Diameter (in): 2”
12. Type of Casing:
o steel **X** PVC

13. Was any casing removed?
X Yes No

If yes, length removed (ft.): approx.. 5 feet

14. Was well abandoned in place?
X Yes o No
If yes, was casing perforated?
X Yes o No

15. Abandonment Material:
bentonite grout **X** dry bentonite
cement grout o native soil

16. Quantity of Material Used :
# of bags, or
0.43 cubic feet

17. Explain Method of Material
Bentonite chips poured slowly into well

18. Signature of Person Abandoning the Well:

For Charles Dow

MEMORANDUM

TO: Kathy Niziolek

FROM: Hank Andolsek, Certified Geologist, Division of Technical Services

DATE: 1/5/05

SUBJECT: Charlotte Smith Site – Meddybemps, Maine – Drilling Summary

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On October 18, Great Works Test Boring (GWTB) arrived onsite to install monitoring wells. Drilling was conducted by Dave Dionne, owner of GWTB. The weather was cool, partly sunny and windy. MDEP conducted a brief health and safety briefing and following which, GWTB set up to begin drilling at CS-1A.

CS-1A is a bedrock boring located on the west side, approximately 20 feet downgradient site of residence. GWTB initiated the boring using air rotary drilling methods. Soil and well construction logs are included in Attachment A. The underlying soil in this area is composed of loosely compacted fill material, probably brought in for the construction of the bridge over the Dennys River. At a depth of approximately 18', the drive shoe became crimped, which required removal of the casing. A second boring location was initiated approximately 15 feet west of the residence.

GWTB begins the second attempt at CS-1A using hollow stem augers. GWTB switched over to air hammer at a depth of 15 feet. Shortly after switching methods, the drive hammer got stuck in the casing. The casing was removed from the borehole and the drillers called it a day.

On October 19, GWTB began the third attempt at CS-1A. The new location is approximately 10 feet west of the residence. The boring was initiated using drive and wash drilling technique. The boring encountered approximately 21 feet of fill material. Till was encountered from 21 to 21.8 feet below ground surface (bgs). The drilling technique was switched over to air rotary to advance the boring through the bedrock. The bedrock appeared to be granite. Numerous soft spots were noted in the bedrock during drilling, however, none appeared to produce water. Trace amounts of water were encountered at a depth of 55 feet. The boring was advanced to a depth of 60 feet and the driller conducted a purge test resulting is a discharge rate of about 200 ml/min.

A 2-inch diameter PVC monitoring well was constructed within the borehole. The boring was screened from 40 to 60 feet bgs. Details of the well construction are provided in Attachment A. Subsequent development of the well resulted in its dewatering, and the well did not recover within 24 hours. The drillers believe that the majority of the water entering the borehole came from the casing/bedrock interface. This interface was sealed with bentonite during the construction of the well, thus severely reducing flow to well.

GWTB began drilling CS-1B, an overburden well co-located with CS-1A. This boring was advanced to the top of bedrock (i.e., ~22'). A monitoring well was placed on top of the till layer. The well was screened from 10 to 20 feet bgs.

On October 20, GWTB steam cleaned their equipment and then set up to start drilling CS-2A, located approximately 10 feet west of garage. Drive and wash drilling method/air rotary was used to complete this boring. Bedrock was encountered at a depth of about 28 feet. The bedrock boring was advanced to a depth of 95 feet bgs before the driller ran out of drilling rods. The boring did not produce water and was abandoned with alternating layers of sand and bentonite chips to a depth of 29 feet. An overburden well (CS-2B) was installed in this boring. The screen was set from 14 to 29 feet bgs.

After completing the installation of CS-2B, the drillers set up for a second attempt CS-2A. This boring was located approximately 10 feet southwest of the garage corner. Split spoon samples were collected and

revealed approximately 20 feet of clay overlying about 8 feet of till. Bedrock was encountered at a depth of 28.5 feet bgs. Like the first attempt, this boring was advanced to a depth of 95 feet without a trace of water. The boring was abandoned with alternating layers of sand and bentonite chips.

The last boring (CS-3B) was installed upgradient of the house, on the opposite side of the driveway. Fill was encountered to a depth of approximately 10 feet. Till was encountered below the fill. The till continued until the bedrock surface was reached at a depth of 22 feet bgs. The well screen was set from 10 to 20 feet bgs. All work was completed on October 21.

Drill cuttings were either placed back in the respective boreholes, or spread evenly across the ground in proximity to the borehole from which they were generated. The wells fitted with protected casings and locked. Each of the wells was developed for a minimum of 30 minutes using a foot valve inertial pump. Development water was discharge to the ground and prevented from entering the Dennys River.

State of Maine Department of Environmental Protection		**Boring No.: CS-1A**
Project Name: Charlotte Smith's		Page 1 of 1
Weather: Cool	Date Started: 10/18/04	Date Completed: 10/19/04
Equipment: Great Works	Casing Size:	Total Depth: 65'
Ground Elevation:	Operator: Dave Dionne	Water Level: 29.61' TOR
Logged By: H.Andolsek	OVM/TIP/HNU: OVM - 10.2	Field Analysis Method: PID

Sample #	Depth in Feet bgs	Split Spoon Advance	Split Spoon Recovery	SPT	Headspace (ppm)	Soil Description	Notes/Observations	Well Install
	0-2	24	NA	3/10/8/5	0	Olive-brn. Fn. Sandy Silt; tr. Clay and med. Sand; moinst.	driving spoons w/o advancing casing - drilling with air rotary	Fill = 0-21'
	5-7	24	NA	2/7/10/10		Gray-olive mottled fn sandy Silt; tr. Clay	refusal @ 8.5' - appears to be either fill or boulder - advanced through it	Till = 21-21.8'
	10-12	15	NA	5/12/21for 3"		Grvl/broken rock; dry	(14:30) the split spoon is bouncing as if it were on fill	Brx = 21.8'
							(15:05) cutting shoe of the 4" casing was damaged - hammer will not fit through - casing will have to be removed.	Bent. = 38-34' (then alternating w/sand every 2-4')
							(16:20) Abandoned boring - relocated boring to 15' away from house.	Sand = 38 - 60'
							(1635) initiated boring w/HAS, then switched to air rotary - hammer stuck in casing - abandoned boring	TOS = 40'
							(07:55/Oct 19) relocate boring to 10' west of house - resume	---
	18					wood fiber come up - fill matl.		---

						Gray v.dense fn. Sandy Silt; tr. Clay (Till). Bedrock encountered at 21.8' - granite. Casing sitting on brx at 22'.	Bedrock encountered @ 21.8' bgs - cuttings indicated granite.	---
	21-23				0			BOS = 60'
	25						(09:30) bit @ 25'	
					0		(09:45) soft spot @ 29', but no return	
	35						(09:50) bit @ 35';dry	
							(10:10) bit @ 40'; dry	
							(10:22) bit @ 45'; dry, granite	
							(10:35) bit @ 50'; dry	
							(10:50) bit @ 55'; trace water	
							(11:00) washing out boring w/river water to remove rock flour - hole producing more water.	
							(12:40) bit @ 60'; cleaning out borehole - will set screen from 40 - 60'	
							Q = 1 pint/minute	

Soil Classification System: ASTM D-2488-84

Name	Size Limit	Sieve Size Pass	Sieve Size Ret.	Example
Coarse Sand	2mm-4.75mm	#4	#10	Rocksalt
Medium Sand	0.42mm-2mm	#10	#40	Sugar/Salt
Fine Sand	0.075-0.42mm	#40	#200	Powder Sugar
(silts/clays)	<0.075	#200		

Name	Size Limit	Sieve Size Pass	Sieve Size Ret.	Example
Boulder	12" OR MORE	---	---	Basketball
Cobbles	3-12"		3"	Grapefruit
Coarse Gravel	3/4"-3"	3"	3/4"	Orange/Lemon
Fine Gravel	4.75mm-3/4"	3/4"	#4	Grape or Pea

Terms of minor components	
and	35-50%
some	20-35%
little	10-20%
trace	1-10%

State of Maine Department of Environmental Protection		**Boring No.: CS-1B**
Project Name: Charlotte Smith's		Page 1 of 1
Weather: Cool	Date Started: 10/19/04	Date Completed: 10/19/04
Equipment: Great Works	Casing Size:	Total Depth: 20'
Ground Elevation:	Operator: Dave Dionne	Water Level: 17.45' TOR
Logged By: H.Andolsek	OVM/TIP/HNU: OVM - 10.2	Field Analysis Method: PID

Sample #	Depth in Feet bgs	Split Spoon Advance	Split Spoon Recovery	SPT	Headspace (ppm)	Soil Description	Notes/Observations	Well Install
						No samples collected	Set screen based on CS-1A boring.	Fill = 0-21' Bent. = 6.5 - 8' Sand = 8-20' TOS - 10' BOS = 20'

Soil Classification System: ASTM D-2488-84

Name	Size Limit	Sieve Size		Example
		Pass	Ret.	
Coarse Sand	2mm-4.75mm	#4	#10	Rocksalt
Medium Sand	0.42mm-2mm	#10	#40	Sugar/Salt
Fine Sand	0.075-0.42mm	#40	#200	Powder Sugar
(silts/clays)	<0.075	#200		

Name	Size Limit	Sieve Size		Example
		Pass	Ret.	
Boulder	12" OR MORE	---	---	Basketball
Cobbles	3-12"		3"	Grapefruit
Coarse Gravel	3/4"-3"	3"	3/4"	Orange/Lemon
Fine Gravel	4.75mm-3/4"	3/4"	#4	Grape or Pea

Terms of minor components	
and	35-50%
some	20-35%
little	10-20%
trace	1-10%

State of Maine Department of Environmental Protection		Boring No.: CS-2A/B
Project Name: Charlotte Smith's		Page 1 of 1
Weather: Cool	Date Started: 10/20/04	Date Completed: 10/20/04
Equipment: Great Works	Casing Size:	Total Depth: 95'
Ground Elevation:	Operator: Dave Dionne	Water Level: 20.12' TOR
Logged By: H.Andolsek	OVM/TIP/HNU: OVM - 10.2	Field Analysis Method: PID

Sample #	Depth in Feet bgs	Split Spoon Advance	Split Spoon Recovery	SPT	Headspace (ppm)	Soil Description	Notes/Observations	Well Install
	29.5					Bedrock encountered	(09:45) Casing @ 29.5	
	40				0		(10:10) bit @ 40'; dry; soft at 42'	
	45						(10:20) bit @ 45'; dry	
	55						(10:47) bit @ 55'; dry	Bent. = 10-12'
	60						(11:05) bit @ 60'; dry	Sand = 29 - 12'
	70						(11:35) bit @ 70'; dry	TOS = 14'
	75						(11:50) bit @ 75'; dry	---
	80						(12:05) bit @ 80'; dry; soft at 83'	---
	85						(12:20) bit @ 85'; dry	---
	90						(13:40) bit @ 90'; trace water	BOS = 29'
	95						(14:05) bit @ 95'; dry hole - out of rods - will back fill w/alternatingy layers of sand/bent. to 29' and build OB well (CS-2B)	Brx - 29.5'

Soil Classification System: ASTM D-2488-84

Name	Size Limit	Sieve Size		Example
		Pass	Ret.	
Coarse Sand	2mm-4.75mm	#4	#10	Rocksalt
Medium Sand	0.42mm-2mm	#10	#40	Sugar/Salt
Fine Sand	0.075-0.42mm	#40	#200	Powder Sugar
(silts/clays)	<0.075	#200		

Name	Size Limit	Sieve Size		Example
		Pass	Ret.	
Boulder	12" OR MORE	---	---	Basketball
Cobbles	3-12"	3"		Grapefruit
Coarse Gravel	3/4"-3"	3"	3/4"	Orange/Lemon
Fine Gravel	4.75mm-3/4"	3/4"	#4	Grape or Pea

Terms of minor components	
and	35-50%
some	20-35%
little	10-20%
trace	1-10%

State of Maine Department of Environmental Protection		Boring No.: CS-2A
Project Name: Charlotte Smith's		Page 1 of 1
Weather: Cool	Date Started: 10/20/04	Date Completed: 10/21/04
Equipment: Great Works	Casing Size:	Total Depth: 95'
Ground Elevation:	Operator: Dave Dionne	Water Level: dry/no well
Logged By: H.Andolsek	OVM/TIP/HNU: OVM - 10.2	Field Analysis Method: PID

Sample #	Depth in Feet bgs	Split Spoon Advance	Split Spoon Recovery	SPT	Headspace (ppm)	Soil Description	Notes/Observations	Well Install
							Relocated CS-2A to 10' SW of barn corner.	
	5-7	2/refusal	2"	refusal		Gray, silty fn. Sand; tr. Clay	(15:25)	
	10-12	24	20	8/19/25/28		Tan-gray mottled Clay; stiff; tr. Silt and vfn Sand.	(16:15) casing down to 15'	
	15-17	24	NA	6/7/6/8		Tan-gray Clay; mottled		
	20-22	5	5	50 for 5"		Brown fn-crs Sand; some Silt; little Clay; tr. Fn Grvl (Till)	Drillers report lithology change at 18.5'	
	25-27	19	NA	40/35/30/50 for 5"		Gray Silt; dense; tr. Fn-crs. Sand (seams in silt matrix); and Clay		
	28.5					Bedrock encountered	(09:45) Casing @ 28.5	
	95				0		drilled down to 95' - dry hole - abandon boring.	

Soil Classification System: ASTM D-2488-84

Name	Size Limit	Sieve Size Pass	Sieve Size Ret.	Example
Coarse Sand	2mm-4.75mm	#4	#10	Rocksalt
Medium Sand	0.42mm-2mm	#10	#40	Sugar/Salt
Fine Sand	0.075-0.42mm	#40	#200	Powder Sugar
(silts/clays)	<0.075	#200		

Name	Size Limit	Sieve Size Pass	Sieve Size Ret.	Example
Boulder	12" OR MORE	---	---	Basketball
Cobbles	3-12"	3"		Grapefruit
Coarse Gravel	3/4"-3"	3"	3/4"	Orange/Lemon
Fine Gravel	4.75mm-3/4"	3/4"	#4	Grape or Pea

Terms of minor components	
and	35-50%
some	20-35%
little	10-20%
trace	1-10%

State of Maine Department of Environmental Protection		**Boring No.: CS-3B**
Project Name: Charlotte Smith's		Page 1 of 1
Weather: Cool	Date Started: 10/21/04	Date Completed: 10/21/04
Equipment: Great Works	Casing Size:	Total Depth: 22'
Ground Elevation:	Operator: Dave Dionne	Water Level: 10.5' TOR
Logged By: H.Andolsek	OVM/TIP/HNU: OVM - 10.2	Field Analysis Method: PID

Sample #	Depth in Feet bgs	Split Spoon Advance	Split Spoon Recovery	SPT	Headspace (ppm)	Soil Description	Notes/Observations	Well Install
	0-5	No					(16:00) Using solid stem auger to pilot hole - very bouldery samples unlikely	
	10-12	10	12	30/50 for 4"		Olive fn sandy Silt; dry; mottled; tr. Crs. Sand and fn Grvl; friable.		
	15-17	<6	NA	50/refusal		Gray Silt; dense; tr. Fn-crs Sand (in Silt matrix); dry		
	20-22	3	NA	50 for 3"		Gray Silt; v.dense, tr. Fn-crs Sand; dry.	(16:40) Refusal @ 22' w/augers	

Bent. = 4 - 8'

Sand = 8-20'

TOS - 10'

BOS = 20'

Brx = 22'

Soil Classification System: ASTM D-2488-84

Name	Size Limit	Sieve Size Pass	Sieve Size Ret.	Example
Coarse Sand	2mm-4.75mm	#4	#10	Rocksalt
Medium Sand	0.42mm-2mm	#10	#40	Sugar/Salt
Fine Sand	0.075-0.42mm	#40	#200	Powder Sugar
(silts/clays)	<0.075	#200		

Name	Size Limit	Sieve Size Pass	Sieve Size Ret.	Example
Boulder	12" OR MORE	---	---	Basketball
Cobbles	3-12"		3"	Grapefruit
Coarse Gravel	3/4"-3"	3"	3/4"	Orange/Lemon
Fine Gravel	4.75mm-3/4"	3/4"	#4	Grape or Pea

Terms of minor components	
and	35-50%
some	20-35%
little	10-20%
trace	1-10%