

Limited Assessment of Shoreline Erosion and Industrial Contamination
at GAC Chemical Corporation

34 Kidder Point Road
Searsport, ME

August 1, 2025



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Executive Summary

The Home Place Team was engaged to conduct a limited assessment of coastal resource conditions along the coastline of GAC Chemical Corporation's (GAC) shore, bluff, and intertidal land located at 34 Kidder Point, Searsport, Maine (the "site"). This site has hosted industrial chemical manufacturing facilities for the last century, and there is a documented history of releases of hazardous materials and permit compliance issues since at least the 1960s. Significant coastal erosion is evident on the GAC shoreline, despite attempts to stabilize using traditional shoreline engineering methods (i.e., installing riprap). Coastal erosion here is resulting in not only loss of bluff, but in exposing the Bay and its sediment to industrial waste within these bluffs. These issues will continue to be exacerbated by rising sea levels and storm events, with Maine and its coast already experiencing an increase in hazards and challenges associated with climate change.

This assessment's purpose was to examine the existing natural and man-made features, impacts of current and historic infrastructure and industrial waste in and adjacent to coastal resources, and to provide recommendations for further assessment and remediation. The intent of this report is to provide the Maine Department of Environmental Protection (DEP), and its Commissioner with information to take action to address existing issues at the site, and prevent further contamination of the intertidal land, Bay and its sediment while building resiliency against climate impacts. Recommendations include the potential use of Nature-based Solutions (NbS) to address erosion and contamination issues.

During site assessments conducted in April and June 2025, there was visual evidence of significant erosion, ineffective riprap, and industrial debris present, and sampling demonstrated ongoing releases of industrial contamination into Penobscot Bay and intertidal sediment from highly acidic fill containing sulfur and aluminum, and building materials containing lead, asbestos, and PCBs.

The shoreland zone of this property is in need of comprehensive assessment to determine the full extent of contamination. Once there has been a thorough assessment to provide a complete understanding of site conditions, a remediation plan should be developed. Our hope is that the remediation plan will acknowledge that this is not simply an unstable bluff, it is an unstable bluff that is composed of contaminated material that is threatened by climate change. We encourage the incorporation of Nature-based Solutions to prevent further erosion, additional release of harmful contaminants, build resiliency in the face of climate impacts and restore the area to a stable, native vegetated state.

Purpose, Scope of Work and Limitations

The Home Place Team was engaged to conduct a limited assessment of coastal resource conditions along the coastline of GAC's shore, bluff, and intertidal land located at 34 Kidder Point, Searsport, Maine. This assessment's purpose was to examine the existing natural and man-made features, impacts of current and historic infrastructure and industrial waste in and adjacent to the freshwater and coastal resources, and provide recommendations for further assessment and remediation. This project was funded by Ron Huber, Belfast resident and longtime advocate for Penobscot Bay.

The assessment area extends from the Sears Island causeway to the Stockton Springs/Searsport line. The Home Place Team examined the feasibility of nature-based restoration and stabilization solutions to the eroding Highest Astronomical Tide (HAT) Line proximal to industrial waste/historic bluff shoreline/railroad-rail yard. Our investigations and sampling efforts were fairly limited in scope given that access to the site was restricted to the intertidal land below the HAT line. The intent of this report is to provide DEP and its Commissioner with information to take action to address existing issues at the site, and offer potential NbS to address the continued contamination of the beach, Bay and its sediment, and build resiliency in the face of climate impacts.

The assessment included two site visits to the shoreline/intertidal property during April and May 2025 to document existing conditions, capture aerial video and photographic drone footage, and collect water, building materials, and soil/sediment samples. This assessment also included a review of historical operations at the site, permit compliance history, and state and federal agency actions taken against the site owner and operator, as well as historical site occupants. Based on our understanding of the site, we have identified ongoing erosion and pollution issues, and have proposed NbS restoration and stabilization designs to mitigate impacts of sea level rise and storm events for consideration.

This assessment was not done in coordination with GAC or state agencies, therefore access to the site was limited to the shoreline/intertidal land below the HAT line. Despite the limited access and sampling conducted, it is clear that there are significant erosion and pollution issues that merit much broader investigations. While we recognize the intertidal land is owned by GAC and our investigations could be characterized as trespassing given the use of intertidal land only extends for "fishing, fowling, and navigation" purposes, the site owner and operator has long been unlawfully discharging into waters of the United States and there has been regulatory failure in addressing issues at the site in more than a "piecemeal" way. It is our hope that this assessment and report will provide information that the State of Maine will use to engage in a comprehensive site assessment and plan for remediation to permanently protect the waters, fisheries, and sediment of Stockton Harbor and Penobscot Bay from ongoing pollution from this site that will only be exacerbated by climate impacts.

Qualifications

The Home Place Team involved in this assessment included Paul Bernacki, Ruby Treyball, and Jillian Howell.

Paul Bernacki is coordinator for the Home Place Team, and leads a team of Living Shoreline Stabilization Specialists in private practice for Maine coastal stabilization projects from Harpswell through Mount Desert Island. Paul has led assessments, designs, licensing documentation, and project development for all aspects of Living Shoreline Stabilizations and Ecological Restorations of Freshwater and Coastal wetlands in Maine for two decades.

Ruby Treyball has worked in landscape management for 15 years. She has owned Natural Rhythms Landscaping for seven years and has been a project manager for The Home Place Team for three years.

She has experience in developing assessments, permits, native plant designs, and leading installation of planting projects for living shoreline stabilization sites.

Jillian Howell has Masters of Environmental Management and more than a decade of experience in the environmental sector, both in environmental consulting and environmental non-profit advocacy. Her experience includes Phase I environmental site assessments, and developing and conducting a broad range of environmental sampling programs including water, soil, and building materials. Jillian has been a part of the Home Place Team since April 2025.

Resumes are included in Attachment G.

Coastal Impacts of Climate Change in Maine

The state of Maine is experiencing an increase in challenges associated with climate change. Coastal communities and ecosystems are facing accelerated sea level rise, increasing water temperatures, and escalating storm intensity. In response, the state of Maine has addressed the impacts of climate change on the coastline through education, monitoring, and regulatory reform.

“A large majority of Maine’s coast, approximately 40%, is made up of unconsolidated, erodible bluffs. (MGS, n.d.),” making it an important area to focus efforts. Sea levels have “climbed almost eight inches from a century ago and are accelerating, now twice as fast... with sea level rise driving the January 2024 storms to break records (Maine Climate Counsel, 2024).” The storms of January 9–13, 2024, were significant in intensity, scale of flooding and damage, and highlighted the impact climate change is already having on Mainers. There has been a 50% increase, largely related to shoreline stabilization, in permit applications submitted to the Department of Environmental Protection since these storms (MDEP, 2024).

The Maine Climate Council states that “these events have demonstrated the urgent need to help Maine communities prepare for and recover from climate-change impacts (2024).” In response, the Maine Board of Environmental Protection (BEP) enacted legislative changes to Chapters 305 and 310 to support the advancement of nature-based shoreline stabilization solutions. These changes aim to:

encourage the use of vegetation and biodegradable materials in shoreline stabilization; place appropriate limits on hardened structures such as riprap and seawalls to ensure project impacts are reasonable; and simplify and accelerate the permitting process for applicants and the Department. (MDEP, 2024)

Programs across the state, such as *Maine Won’t Wait*, are increasingly advocating for evidence-based solutions and proactive development planning to better prepare for climate change. This plan not only acknowledges the challenges Mainers have overcome and are currently facing, but also provides communities with the resources they need to confront climate change with solutions tailored to their unique circumstances and needs (Maine Climate Counsel, 2024). DEP and the University of Maine are collaborating to create the *OUR SHORE* guidebook, which offers tools for assessment, design, and implementation of NbS for municipalities, industries, contractors, and homeowners seeking sustainable shoreline stabilization.

Maine’s coastal communities are on the frontlines of navigating the impacts of climate change. Our hope is that the coordinated efforts to protect the state’s coastal resources will be integrated and applied to addressing coastal erosion and ongoing pollution concerns at GAC Chemical Corporation in Searsport.

Site Background and History

The site investigated is located at 34 Kidder Point Road, Searsport, Maine, a 152 acre parcel (44.46478° N, 68.88077° W). The field investigations were specifically focused on the shoreline, bluff, and intertidal land between the Sears Island causeway, and former Kidder Point Outfall building.

Prior to 1900, Kidder Point was utilized as farmland; the glacial till soils were well drained, mildly sloping and were suitable for crops and pasture. In 1906, a passenger terminal and steamship dock were constructed at Kidder Point. In the early 1900s, a railroad was built along the shore from up river to Mack Point in Searsport, that transported passengers and freight, mainly potatoes and lumber, to and from ports at Kidder Point, Mack Point and a wharf on the Stockton side of the harbor. In the 1910s, cargo ships transported phosphates from Boca Grande, Florida to Searsport for superphosphate fertiliser production. Following the shuttering of the freight terminal and passenger service to Kidder Point in the 1920s, the site was developed and utilized for industrial manufacturing of chemicals and fertilizers, including to bolster chemical production for the World War II war effort. Post-war, Kidder Point continued producing fertilizer and chemicals utilized by paper mills. A history of operations is outlined is below (EPA/Superfunds Records Center):

- 1920: Summers Fertilizer Company is incorporated; the company developed the site into the 1930s with the original plant facilities as an agricultural fertilizer manufacturing plant.
- 1943: Northern Chemical, Inc. (NCI), a division of Summers Fertilizer, assumed operation of the site and expanded the manufacturing operation to include production of super-phosphates, sulfuric acid, alum, and ammonium sulfate.
- 1953: An aluminum sulfate process is added.
- 1955: An additional section was constructed for the manufacture of ammonia and related products in a joint venture of NCI and Chemetron Corp.
- 1956: An ammonia plant, an ammonia nitrate plant, and a nitric acid plant were constructed at the site.
- 1966: W.R. Grace & Company leases the manufacturing facility. Ammonia production was discontinued this same year.
- 1970: W.R. Grace discontinued the production of superphosphates, ammonium nitrate, and nitric acid. Delta Chemicals, Inc. succeeded W.R. Grace & Company in 1970.
- 1993: Delta Chemicals, Inc. manufactures and sells aluminum sulfate (liquid alum), ammonium sulfate, sodium aluminate, and polyacrylamide based water soluble polymers. Delta also receives in bulk and resells sulfuric acid.
- 1994: General Alum purchases the assets of Delta Chemical, Inc. of Searsport, Maine.

The current owner and occupant of the site is GAC Chemical Corporation. GAC manufactures and distributes industrial, specialty, and fine inorganic and organic chemicals, including ammonium sulfate, liquid alum, sodium aluminate, aqua ammonia, liquid urea, polyvinyl alcohol, and hollow sphere plastic pigment and coatings. The chemicals are sold to the pulp and paper industries, power plants, agriculture industry, municipal water and wastewater facilities, and other industrial entities.

The site is of significance in its location; the property is bounded on the southwest and southeast by Stockton Harbor/Penobscot Bay, and Stockton Harbor is bounded to the west by the Sears Island Causeway. Penobscot Bay and Stockton Harbor are home to a diverse array of marine life and coastal habitat. The Sears Island Causeway has significantly restricted water flow, reducing currents to primarily tidal influence within the semi-enclosed embayment west of Sears Island.

Regulatory and Compliance History

Industrial operations at the site have a long history of spills and violating permit conditions. This includes both the current site operator, GAC, as well as former site owner and operators. A selection of regulatory issues are included below:

- Between 1983 and 2020, 77 spills are documented in Maine DEP's Bureau of Remediation and Waste Management Hazardous and Oil Spill System database. 20 spills are documented to have occurred since GAC Chemical took ownership of the property.
- According to the Environmental Compliance Online History (ECHO) database, violations related to the pH of effluent were identified during four of the last 12 fiscal quarters.
- In February 11, 2002, Conservation Law Foundation filed a complaint against GAC in the United States District Court for the District of Maine in a matter entitled Conservation Law Foundation v. GAC Chemical New England Corp., Civil Docket No. 00-CV02-24-B-5, alleging that GAC Chemical violated certain terms of its NPDES Permit, the Multi-Sector General Permits and the Clean Water Act. The parties reached a settlement agreement without any finding that GAC Chemical had or had not violated the Clean Water Act.
- On September 29, 2021, EPA Region 1 entered into a Consent Agreement with GAC Chemical Corp. and General Alum New England Corp. resolving violations of the Clean Air Act (CAA) at the facility. The administrative penalty case included two counts alleging violations of the CAA Section 112(r)(1)'s General Duty Clause (GDC) and five counts alleging violations of the Risk Management Plan (RMP) regulations that implement CAA Section 112(r)(7) relating to its handling of large amounts of anhydrous ammonia and sulfuric acid, among other chemicals. (ECHO)

Field Observations

Assessment Site Information:

Address / Location: 34 Kidder Point Road Searsport, ME (44.46478° N, 68.88077° W)

Date of Visit: 04/21/2025

Time of Arrival / Departure: 9:30am - 11:45am

Weather Conditions: Clear skies with full sun and no precipitation, 50°F, wind 10mph

Tide: Low at 11:42 am

Observers: Paul Bernacki, Ruby Treyball, Jillian Howell



Photograph: View of Kidder Point, facing northwest.

Assessment Site Observations:

On the morning of April 21, 2025, our team assessed a portion of the GAC Chemical Corporation property, accessing the site below the HAT Line via the Sears Island Causeway. This scope of this project is limited and examines a portion of shoreline within lot 83 on map 07. The property is approximately one mile long and this assessment addresses 2050 linear feet. We observed two young individuals walking along GAC's intertidal land collecting rocks and shells during our assessment.

The shoreline was divided into 18 different sections. The assessment began at the westernmost point of the property and proceeded eastward through the intertidal area. Sections were delineated in approximately 100-foot increments; however, some sections, particularly around the midpoint, were longer to accommodate areas with uniform characteristics. Photographs of each section are included in Attachment B.

The shoreline is primarily composed of unstable bluffs. According to the Maine Geological Survey's *Coastal Bluffs and Landslide Hazard* data (Figure A3, Attachment A)—and consistent with our observations—Sections 1–8 and 10–18 are classified as highly unstable (MGS, n.d.). Section 9, where the upland elevation is less than three feet, is not considered bluff. Overall, we observed visible signs of bluff erosion, toe erosion, and slumping throughout the site. Around the eastern point the bluff appears to be mostly vegetated with consistent toe erosion. There are pockets of marsh along the beach.

There are four sections of armored shoreline on the site. One is recent and appears stable; however, it shows significant plastic liner exposure, suggesting boulder movement and potential instability of the underlying soils. The three other areas of armored shoreline on site appear to be older, all of them have been overtopped by wave action and have indicators of downward movement and collapse (Photo #1, Attachment B). Two of the riprap structures are composed primarily of concrete pilings.

Visual evidence of industrial waste is present along much of the shoreline. This includes two broad categories: sediment contamination and industrial debris. We identified three primary areas of sediment contamination:

1. A layer of pink-colored sediment/fill, visible in Photo #4 (Attachment B).
2. A reddish layer on intertidal sediments and rocks near an old discharge pipe along the western side of Kidder Point (Photo #6, Attachment B).
3. Multiple locations within Sections 4–6 where a grey, powdery substance is present (Photo #10, Attachment B).

The industrial debris on site includes concrete fragments, several hundred feet of inactive pipeline (Sections 10-14), rebar, bricks, discarded wood, plastic materials, demolished facility components, and an abandoned building. This debris is visible in the intertidal area in every section that we have assessed. In Sections 12-14 the industrial debris fills the foundational layer of bluff that appears to be topped with soil and vegetation. The layer of soil and vegetation has become unstable over time, exposing the industrial waste and in some areas has washed approximately 50 feet into the intertidal area of Stockton Harbor. We were only able to assess what was visible from within the intertidal area, the extent of industrial fill is unknown.

There are two primary areas of concern regarding upland drainage. One area is at the beginning of Section 1 where there is industrial railroad infrastructure on the upland immediately adjacent to the HAT line. There is severe bluff erosion beneath the railroad tracks that transport industrial chemicals. There appears to be a freshwater wetland on the upland and there do not appear to be culverts to allow fresh water drainage. The other area is in Section 9 at the point where it appears to be a source of sloped upland

runoff. The land at the top of the slope has distinct channels from rain events over the beach/intertidal zone. There appears to be one active outfall pipe in Section 16.

The overall condition of this ½ mile of shore and coastal resource is highly unstable bluffs with industrial contamination subject to erosion from the upland into Stockton Harbor. Visually, the adjacent coast and adjacent resource is polluted, and biologically compromised due to exposed industrial waste, and hydrological migration of upland contaminants.

Sampling Plan and Procedures

Sampling Assessment Site Information:

Address / Location: 34 Kidder Point Road Searsport, ME (44.46478° N, 68.88077° W)

Date of Visit: 05/16/2025

Time of Arrival / Departure: 6:30am - 12:00pm

Weather Conditions: 100% cloud cover, 55°F, wind 6 mph from the S/SE

Tide: Low at 8:02 am

Observer/Sample Collector: Jillian Howell

A limited field sampling program was conducted on May 16, 2025, along the shoreline. Grab samples of sediment/fill material eroding from the bluff, as well as intertidal sediment were collected in order to assess the extent of contamination within fill materials and in the intertidal sediment. Grab water samples were collected from the culvert (Section 16) in order to assess potential contaminants in surface runoff from the site. Grab building materials samples found along the shoreline and within the bluff were collected in order to assess their composition, as they are found along the beach area, or in areas highly susceptible to erosion or impacts from future storms.

Ten grab sediment samples were collected and analyzed for total aluminum, total mercury, total sulfur, and pH. Nine of the grab sediment samples were also analyzed for volatile organic compounds (VOCs).

Two water samples were collected and analyzed for total aluminum, total mercury, total sulfur, pH, and VOCs. The water samples were collected from the culvert at the eastern end of the assessment area (Section 16).

Four building materials samples were collected and analyzed for PCBs, lead, and asbestos.

Field sampling photographs are included as Attachment C, a Site Map depicting sampling locations is included in Attachment A, Figure A1, and laboratory reports are included in Attachment F.

Samples were submitted to Maine Environmental Laboratory (MEL) in Yarmouth, Maine. Eurofins Concord, a laboratory within Eurofins Environment Testing Eastern Analytical, Inc. (EAI), was subcontracted by MEL to perform analysis of VOCs, asbestos, and PCBs. Maine Environmental Laboratory is accredited by the States of Maine (Cert. #ME00028) and New Hampshire (NH ELAP) (Cert. #2031) and is TNI/NELAP accredited. EAI holds primary NELAC accreditation from the State of New Hampshire (NH ELAP #1012), and is certified throughout New England, including in Maine (Cert. #ME2010028).

Sample Results and Discussion

Water Samples

Low levels of aluminum (0.1 mg/L), sulfur (10 mg/L), and trichloroethene (3.1 ug/L) were identified in both water samples, with a pH between 7.3 and 7.5.

Sediment Samples

Five sediment/fill samples were extremely acidic, with pH levels ranging between 2.67 and 5.09. Five samples were within normal pH range between 6.22 and 7.55. All 10 sediment samples contained aluminum, ranging from 190 to 100,000 mg/kg. Eight of the 10 samples contained sulfur, ranging from 120 to 120,000 mg/kg. Three samples contained low levels of mercury, ranging from 0.12 to 0.39 mg/kg.

Building Materials

Lead was detected at elevated levels in two building materials samples. A black, brittle coating located within the banks of a bluff contained 9.6 mg/kg of lead, and green paint found on pipeline scaffolding contained 5,700 mg/kg of lead. This green paint also contained 3,300 ppm of PCBs. Black pipe wrap on the pipeline contained asbestos.

Tables with tabulated data results are included in Appendix D.

Discussion

While the scope of field sampling was very limited, there is sufficient evidence from sampling to demonstrate that the bluffs containing contaminated materials are actively eroding, resulting in the release of acidic fill containing aluminum and sulfur into the environment, and that building materials within the fill, and on infrastructure that is no longer in use contain PCBs, asbestos, and lead paint.

There is a failing pipeline structure that is no longer in use present to the north of Kidder Point that follows the bluff. Without removal, future storms and erosion will likely cause the pipeline and its structural components to fall into the Bay. The paint on the metal components contains lead and PCBs, and the wrap around the pipe itself contains asbestos. All of these materials should be properly removed and disposed of.

Sediment samples collected from the Kidder Point bluff face, specifically the southwestern facing bluff, contain concerning levels of aluminum and sulfur, and have an extremely low pH, indicating high acidity of materials. The two sediment samples collected from within the intertidal area both also contain aluminum and sulfur, indicating that material from the bluff is contaminating intertidal sediment.

Water samples collected from the culvert contained low levels of aluminum, sulfur, and trichloroethene with a normal pH value.

While standard exposure to industrial contaminants is often limited on an industrial site to workers, the nature of this location and use of the intertidal land by the public presents an ongoing hazard to public health. Due to the proximity of Sears Island and the causeway, the public accesses the intertidal land in front of GAC and is potentially exposed to contaminants in the sediment without being aware of the dangers. During sampling on May 16, 2025, a woman and her two dogs were observed walking along the intertidal land in front of GAC Chemical, and two young individuals were also observed during the April 2025 site visit walking along GAC's intertidal land. Additionally, there was an effort to seed clams with elementary and middle school students in June along the Sears Island causeway intertidal land and intertidal land towards GAC shores. With the exception of Posted, No Trespassing signs on the bluffs of GAC's property, there is not signage indicating any potential harms or hazards.

Recommendations

We recommend a comprehensive sampling effort to delineate the extent of contamination within the eroding bluffs, as well as installation of soil borings to determine the depth of contamination both on the

property's uplands, as well as the intertidal land. We also recommend the installation of signage, visible to the public recreating on GAC's intertidal land, to inform them of potential exposure to industrial contaminants.

Remediation Proposal

We present below an approach to remediation with the acknowledgement that we have limited information. The end result of a remediation effort would ideally incorporate the removal of all loose industrial debris; this includes the waste that is along the beach, the removal of as much contaminated material as possible, and the capping and re-vegetating of the bluff in order to stabilize it. Delineating the extent of contamination at the site is beyond the scope of this report and requires further assessment by GAC and DEP to determine.

Kidder Point currently has industrial waste actively eroding into Stockton Harbor. In response, our team strongly advocates for the implementation of a nature-based remediation plan. The shoreline at Kidder Point—as well as the adjacent east–west facing stretches along Stockton Harbor—constitutes a sheltered coastline. The specific portion of shoreline assessed in this report faces a limited fetch from the south-southeast and southwest, measuring less than 1.5 miles.

A Living Shoreline Stabilization (LSS) approach for the GAC property aligns with current state and federal regulatory priorities, which increasingly favor nature-based shoreline solutions. According to the Maine Geological Survey's Living Shorelines Decision Support Tool (2023), the majority of this site is classified as “highly suitable” to “moderately suitable” for Living Shoreline methods (see Attachment A, Figure A4). To date, the strategy to address erosion of the bluff has been piecemeal, and primarily has consisted of adding additional rip-rap. Based on the continued erosion and failing condition of new and old riprap, our team is recommending a different, comprehensive approach incorporating LSS moving forward. Included in Appendix E are Sample Remediation Illustrations.

We recommend a comprehensive professional assessment of the entire coastline to guide next steps. This further investigation should include, but not be limited to:

- Soil borings in the upland area
- Soil testing in the bluff and within the intertidal area
- Additional water quality testing
- Department of Marine Resources (DMR) shellfish sampling
- Marine geologist site inspection
- Erosion control assessment of vulnerable areas, including near the railroad tracks
- EPA phytoremediation specialist consultation & plan development
- Assessment by DEP leadership
- Ongoing monitoring and adaptive shoreline management
- Public safety & exposure assessment (e.g., installation of warning signage)

We strongly recommend the complete removal of loose industrial debris from the intertidal zone, including abandoned pipelines and collapsing structural supports. Where deemed safe and feasible, we also support the removal of contaminated soils, derelict buildings, and construction debris from the adjacent shoreland zone (defined as 75 feet inland from the highest annual tide line). The scope of our assessment was not comprehensive enough to determine the extent to which removal of materials within the bluff is safe and feasible. Whatever cannot be physically removed from the site needs to be capped in place to prevent further erosion and release of materials.

Additionally, we recommend establishing a minimum 10-foot planted buffer zone above the most recently constructed riprap. This buffer should be vegetated with native species and supported by supplemental stabilization strategies to reduce the risk of edge effects and minimize erosional impacts. In addition, there are multiple forms of phytoremediation recommended for industrial waste sites recommended by the U.S. Environmental Protection Agency (EPA): “vegetated caps, buffer strips, and riparian corridors are applications that combine a variety of these methods for contaminant containment, removal, and/or destruction (EPA, 2001).”

We recommend regrading the decontaminated beach and bluff to establish a stable profile that supports the development of a fringe marsh, vegetated bluff, and forested upland. This LSS approach will include beach nourishment to restore elevation levels that align with natural erosion and stabilization processes, free from the interference of existing industrial waste and deteriorating riprap structures.

At the base of the bluff, a toe structure should be constructed using cobbles, boulders, and coir-encased gravel that mimics glacial deposits, chosen for their optimal consistency to absorb storm wave energy and surges. This structure should be vegetated with native fringe shrubs and salt-tolerant grasses. Above the toe, the bluff should be reconstructed with soil strategically deposited in alignment with natural stratification, stabilized with coir fabric, and planted with a diverse array of native bluff and upland vegetation.

The entire system, including the nourished beach, toe structures, and lower bluff, should be designed to accommodate projected sea level rise scenarios, with a design threshold of up to six feet over the next 100 years. This adaptive design would allow the living shoreline - composed of natural soils, boulders, cobbles, and plant communities - to migrate landward over time, preventing bluff scarping and avoiding re-exposure of previously remediated industrial waste materials.

References

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Attachment A
Site Maps

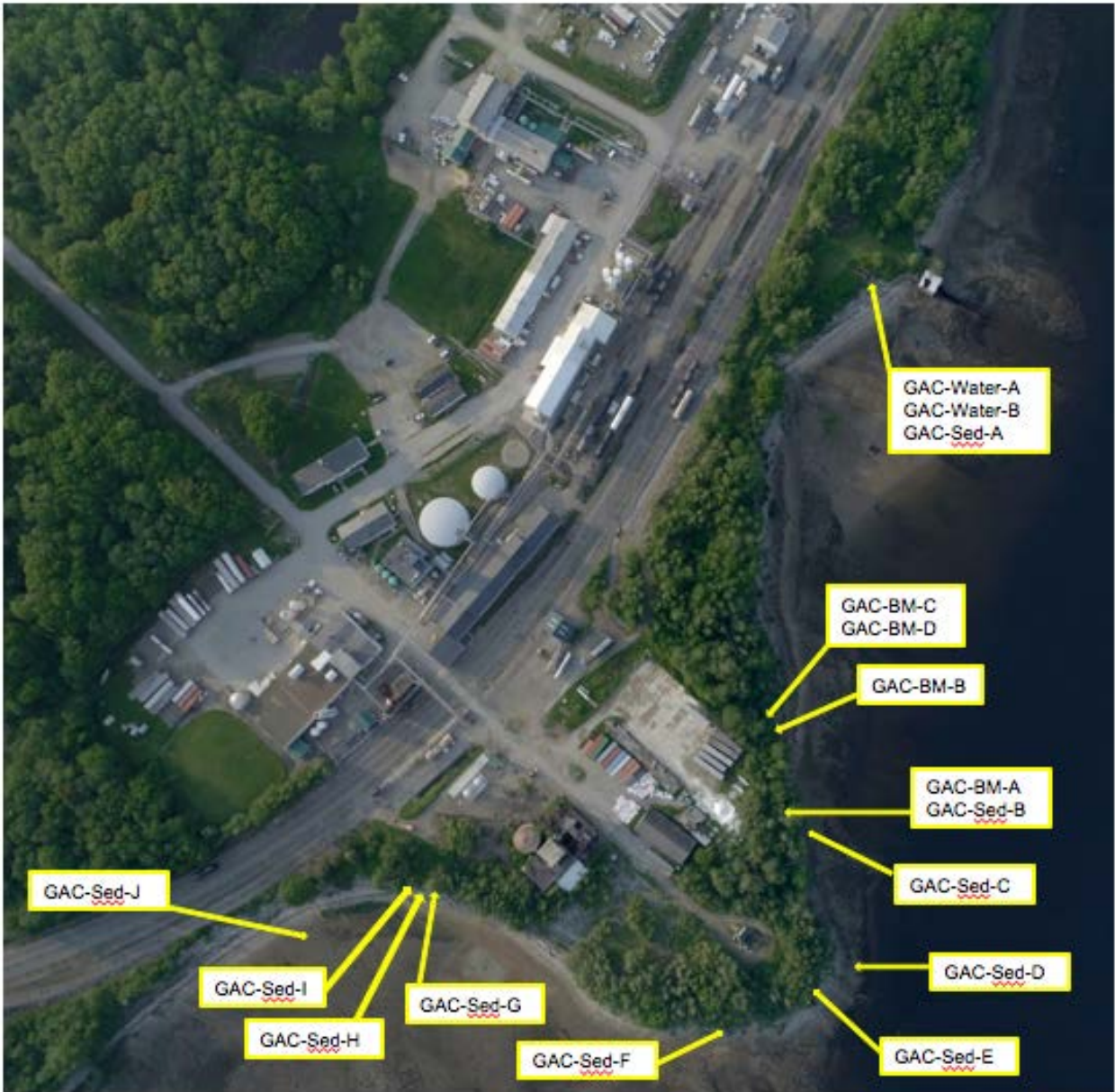


Figure A1: Site Plan and Sampling Locations



Figure A3: Maine Geological Survey (MGS) Coastal Bluffs & Landslide Hazards Map determines;

Sections 1-8: Yellow- Highly Unstable Bluff

Sections 10-18: Yellow- Highly Unstable Bluff

<https://www.maine.gov/dacf/mgs/pubs/digital/bluffs.htm>

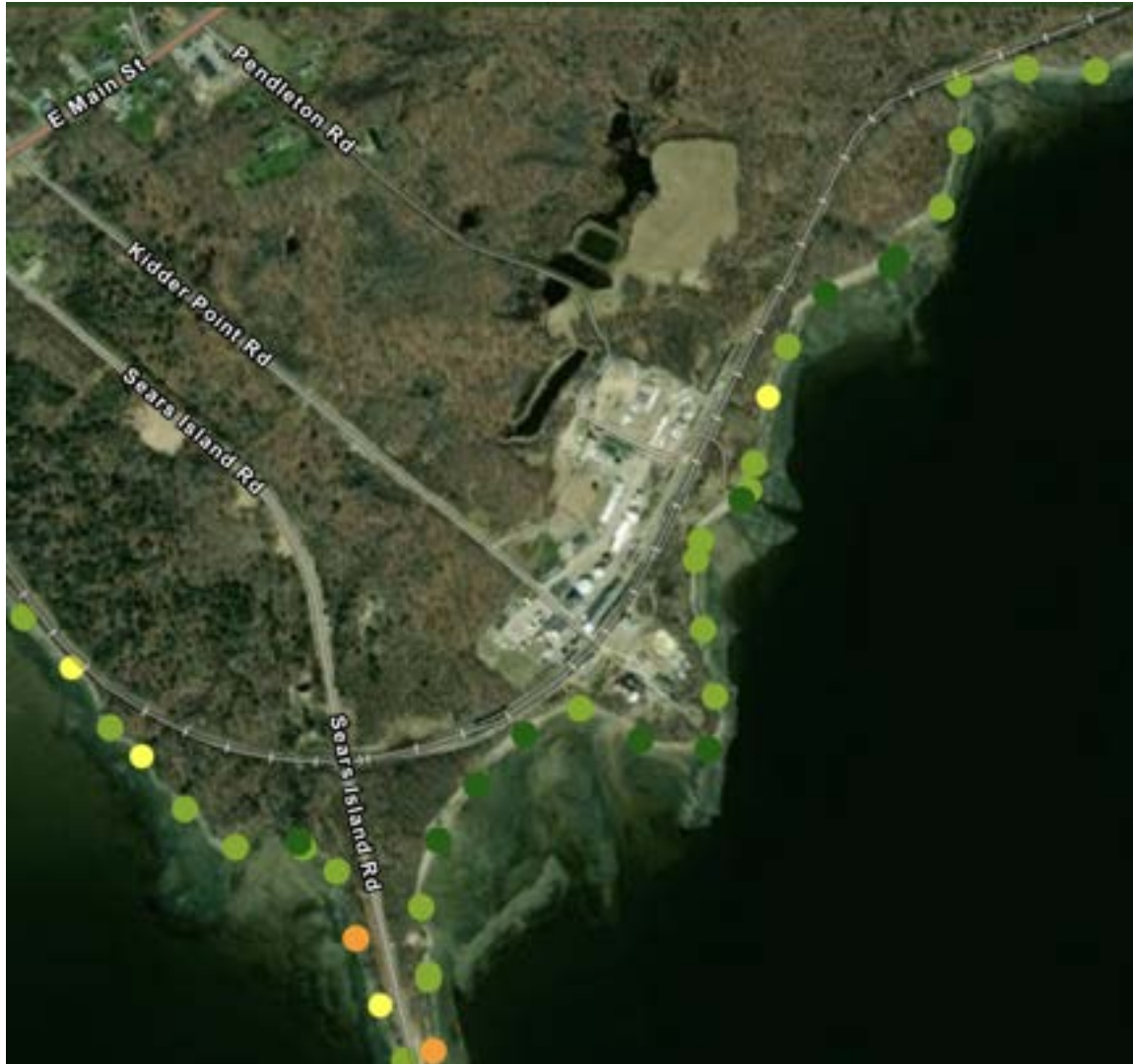


Figure A4: MGS Living Shorelines Decision Support Tool determines:
The Maine Geological Survey reports that this site ranges from “highly suitable” (dark green) to “moderately” suitable (light green) and includes one small area that is “possibly suitable” (yellow).

https://www.maine.gov/dacf/mgs/hazards/living_shoreline/

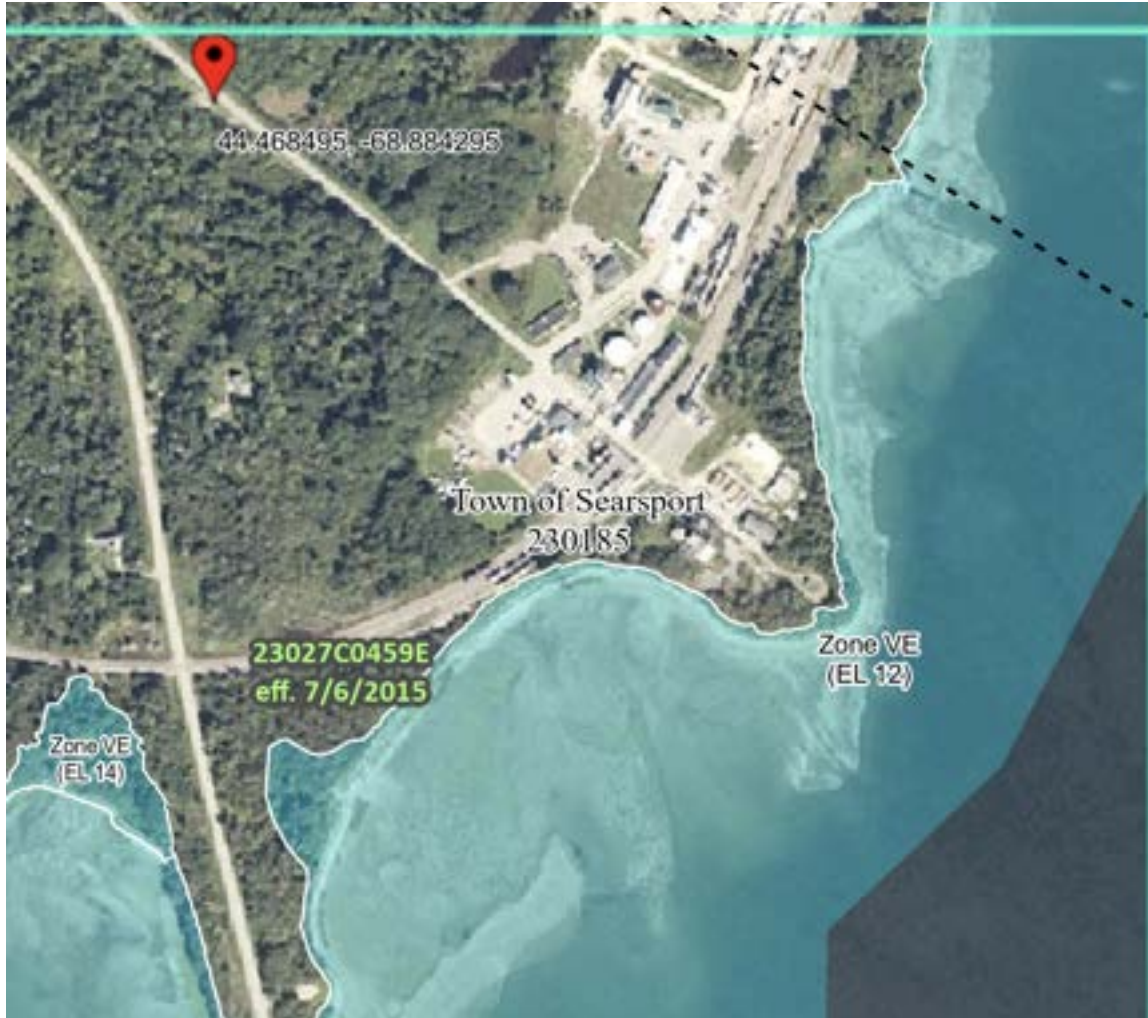


Figure A5: FEMA Flood Map Service Center- Zone VE (EL12)

"Zone VE EL 12" indicates a flood zone designation by the Federal Emergency Management Agency (FEMA), specifically a high-risk coastal area with a 1% annual chance of flooding and wave action. The "VE" part means it's a high-velocity, coastal flood zone, while "EL 12" signifies that the base flood elevation (the expected water level during a 1% annual chance flood) is 12 feet. This means that properties in this zone are at a higher risk of damage from both flooding and wave action.

<https://msc.fema.gov/portal/search?AddressQuery=34%20kidder%20point%20rd%20searsport%2C%20ME>



Figure A6: Maine Geological Survey (MGS) Projected Sea Level Rise Map
https://www.maine.gov/dacf/mgs/hazards/slr_ss/index.shtml

Attachment B
Site Photos

SECTION 1- 100'



Photo #1. Overtopped riprap, highly unstable bluff. 44.46478° N, 68.88077° W.

SECTION 2- 100'



Photo #2. Highly unstable bluff, metal and concrete waste. 44.46480° N, 68.88035° W



Photo #4. Discolored sediment layer, plastic waste. Direction of View****

SECTION 3- 100'



Photo #5. Discolored intertidal sediment, concrete, failed riprap, newly installed riprap
44.46468° N, 68.88003° W



Photo #6 discolored sediment. Photo #7 exposed plastic riprap lining

SECTION 4- 100'



Photo #8 newly installed riprap, exposed plastic, grey powdery sediment 44.46454° N, 68.87976° W

SECTION 5- 100'



Photo #9 vegetated unstable bluff, marsh, industrial debris on beach 44.46433° N, 68.87938° W

SECTION 6- 100'



Photo #10 vegetated unstable bluff, industrial debris on beach, grey powdery sediment pilings
44.46430° N, 68.87897° W



Photo #11 industrial debris



Photo #12 grey powdery sediment

SECTION 7: 100'



Photo #13 vegetated unstable bluff, industrial debris on beach. 44.46430° N, 68.87852° W

SECTION 8- 100'



Photo #14 vegetated unstable bluff, industrial debris on the beach. 44.46442° N, 68.87798° W

SECTION 9- 100'



Photo #15 concrete, industrial debris. 44.46485° N, 68.87779° W



Photo #16 concrete, industrial debris

SECTION 10- 100'



Photo #17 concrete, industrial debris. 44.46506° N, 68.87778° W



Photo #18 inactive & collapsing industrial pipe

SECTION 11- 100'



Photo #19 unstable bluff, inactive industrial pipe, unstable riprap 44.46528° N, 68.87786° W

SECTION 12- 100'



Photo #20 unstable bluff, inactive industrial pipe, exposed demolition debris under bluff
44.46547° N, 68.87788° W



Photo #21 exposed demolition debris.

SECTION 13- 100'



Photo #22 exposed demolition debris, inactive industrial pipe. 44.46571° N, 68.87799° W



Photo #23 exposed demolition debris

SECTION 14- 100'



Photo #24 unstable vegetated bluff, inactive industrial pipe. 44.46601° N, 68.87790° W

SECTION 15- 300'



Photo #25 toe erosion on vegetated bluff



Photo #26 toe erosion on vegetated bluff



Photo #27 toe erosion on vegetated bluff



Photo #28 toe erosion on vegetated bluff

SECTION 16- 100'



Photo #29 toe erosion on vegetated bluff



Photo #30 outfall pipe
SECTION 17- 200'



Photo #31 toe erosion on vegetated bluff

SECTION 18- 50'



Photo #32 unstable bluff, abandoned building.



Photo #33 abandoned building with industrial waste extending into Stockton Harbor

Attachment C
Field Sampling Photos



Field Sampling Photos 1 and 2: View of sediment sample GAC-Sed-A (red arrow) and water samples GAC-Water-A (blue arrow) and GAC-Water-B (green arrow). Low levels of sulfur and aluminum detected in water, and aluminum (6,700 mg/kg) in soil.



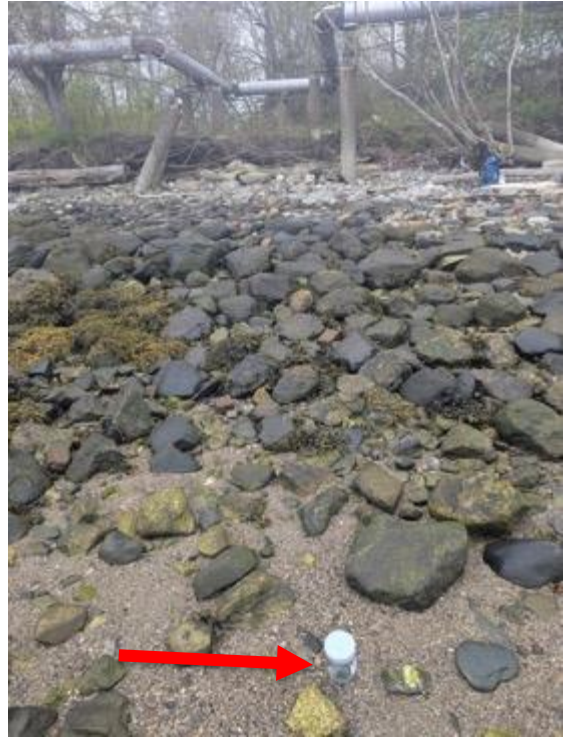
Field Sampling Photos 3 and 4: View of sediment sample GAC-Sed-B (red arrow) collected from exposed bluff, aluminum (19,000 mg/kg), sulfur (1,200 mg/kg) and mercury (0.12 mg/kg) detected. Building material sample GAC-BM-A (blue arrow) contained lead (9.6 mg/kg).



Field Sampling Photos 5 and 6: View of building material sample GAC-BM-B, black, tar-like coating on wood. This coating is located throughout this wood debris pile area.



Field Sampling Photos 7 and 8: View of samples GAC-BM-C (red arrow), green paint on metal portions pipeline supports, and GAC-BM-D (blue arrow), black pipe wrap. Black pipe wrap is located along entirety of pipe and contains asbestos. The green paint is located throughout metal portions of pipeline supports and contains lead (5,700 mg/kg) and PCBs (3,300 ppm).



Field Sampling Photos 9 and 10: View of sample GAC-Sed-C (red arrow), sediment collected from intertidal area, approximately 6" below surface and 10 yards south of the pipeline. Aluminum (20,000 mg/kg) detected.



Field Sampling Photos 11 and 12: View of sample GAC-Sed-D (red arrow), sediment collected from ~6" below surface of intertidal area. Aluminum (8,700 mg/kg) and sulfur (120 mg/kg) detected.



Field Sampling Photo 13: View of sediment sample GAC-Sed-E (red arrow) collected from exposed bluff, ~1' below top of bluff. Extremely low pH (4.16), and aluminum (3,100 mg/kg) and sulfur (520 mg/kg) detected.



Field Sampling Photos 14 and 15: View of sediment sample GAC-Sed-F (red arrow). Material is hard, crumbly fill, does not appear to be natural sediment. Extremely low pH (2.67), and aluminum (2,200 mg/kg) and sulfur (6,700 mg/kg) detected.



Field Sampling Photo 16: View of sample GAC-Sed-G (red arrow). Material is grayish white and powdery. Low pH (5.09), aluminum (190 mg/kg) and sulfur (64,000 mg/kg) present.



Field Sampling Photos 17 and 18: View of sample GAC-Sed-H (red arrow). Distinct layer within exposed bluff of reddish material. Low pH (4.81), and aluminum (100,000 mg/kg), sulfur (390 mg/kg) and mercury (0.39 mg/kg) detected.



Field Sampling Photo 19: View of sample GAC-Sed-I (red arrow), collected ~2' below top of bluff. Low pH (4.67), and aluminum (19,000 mg/kg) and sulfur (120,000 mg/kg) detected.



Field Sampling Photo 20: View of sample GAC-Sed-J (red arrow), collected from intertidal area, approximately 6" below surface. Aluminum (10,000 mg/kg), sulfur (3,500 mg/kg), mercury (0.14 mg/kg)

Attachment D
Tabulated Sample Results

Table 1: Sediment Sampling Results GAC Chemical Corporation May 16, 2025	Sample ID	GAC-Sed-A	GAC-Sed-B	GAC-Sed-C	GAC-Sed-D	GAC-Sed-E	GAC-Sed-F	GAC-Sed-G	GAC-Sed-H	GAC-Sed-I	GAC-Sed-J
	Material Description	Light brown sand and cobbles	Dark brown silt and sand	Light brown silt, sand, and cobbles	Gray silt and clay with brown/red staining	Light brown sand and cobbles	Hard, crumbly fill material (does not appear to be sediment)	Grayish/white powdery material	Red material	Light brown sand and cobbles	Dark gray, fine silt
	Sample Location	Intertidal surface, near stormwater culvert and GAC-Water-B	Bluff, in proximity to black tar paper (GAC-BM-A)	Intertidal land, ~6" below surface and ~10 yards from bluff	Intertidal, ~6" below surface	Within exposed bluff, ~1' below top of bluff	Within exposed bluff	Within exposed bluff	Distinct layer within exposed bluff ~6"-1' below top of bluff	~2' below top of exposed bluff	Intertidal, surface
	GPS Coordinates	44.46763, -68.87781	44.46522, -68.87811	44.46515, -68.87789	44.46471, -68.87779	44.46461, -68.87797	44.46447, -68.87785	44.464981, -68.880147	44.464861, -68.880267	44.465, -68.88034	44.464785, -68.880804
Analyte	Unit										
pH	STU	7.55	6.22	7.3	7.39	4.16	2.67	5.09	4.81	4.67	7.17
Aluminum	mg/kg	6,700	19,000	20,000	8,700	3,100	2,200	190	100,000	19,000	10,000
Sulfur	mg/kg	ND (180)	1,200	ND (170)	120	520	6,700	64,000	390	120,000	3,500
Mercury	mg/kg	ND (0.063)	0.12	ND (0.058)	ND (0.060)	ND (0.056)	ND (0.059)	ND (0.068)	0.39	ND (0.074)	0.14
Acetone	mg/kg	ND (2.0)	ND (3.1)	ND (1.5)	ND (1.2)	ND (1.7)	NT	ND (2.7)	ND (2.0)	ND (3.5)	ND (1.9)
Benzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Bromobenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Bromochloromethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Bromodichloromethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Bromoform	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Bromomethane	mg/kg	ND (0.20)	ND (0.31)	ND (0.15)	ND (0.12)	ND (0.17)	NT	ND (0.27)	ND (0.20)	ND (0.35)	ND (0.19)
2-Butanone (MEK)	mg/kg	ND (0.51)	ND (0.78)	ND (0.37)	ND (0.30)	ND (0.42)	NT	ND (0.67)	ND (0.50)	ND (0.88)	ND (0.47)
n-Butylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
sec-Butylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
tert-Butylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Carbon disulfide	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.050)	ND (0.18)	ND (0.094)
Carbon tetrachloride	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Chlorobenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Chloroethane	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
Chloroform	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Chloromethane	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
2-Chlorotoluene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
4-Chlorotoluene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,2-Dibromo-3-Chloropropane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Dibromochloromethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,2-Dibromoethane (EDB)	mg/kg	ND (0.020)	ND (0.031)	ND (0.015)	ND (0.012)	ND (0.017)	NT	ND (0.027)	ND (0.020)	ND (0.035)	ND (0.019)
Dibromomethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,2-Dichlorobenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,3-Dichlorobenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,4-Dichlorobenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Dichlorodifluoromethane	mg/kg	ND (0.10)*+	ND (0.16)*+	ND (0.074)*+	ND (0.060)*+	ND (0.084)*+	NT	ND (0.13)*+	ND (0.10)*+	ND (0.18)*+	ND (0.094)*+
1,1-Dichloroethane	mg/kg	ND (0.051)*+	ND (0.078)*+	ND (0.037)*+	ND (0.030)*+	ND (0.042)*+	NT	ND (0.067)*+	ND (0.050)*+	ND (0.088)*+	ND (0.047)*+
1,2-Dichloroethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,1-Dichloroethene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
cis-1,2-Dichloroethene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
trans-1,2-Dichloroethene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,2-Dichloropropane	mg/kg	ND (0.051)*+	ND (0.078)	ND (0.037)*+	ND (0.030)*+	ND (0.042)*+	NT	ND (0.067)*+	ND (0.050)*+	ND (0.088)*+	ND (0.047)*+
1,3-Dichloropropane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
2,2-Dichloropropane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,1-Dichloropropene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
cis-1,3-Dichloropropene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
trans-1,3-Dichloropropene	mg/kg	ND (0.051)	ND (0.078)*+	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Ethylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Hexachlorobutadiene	mg/kg	ND (0.051)*+	ND (0.078)*+	ND (0.037)*+	ND (0.030)*+	ND (0.042)*+	NT	ND (0.067)*+	ND (0.050)*+	ND (0.088)*+	ND (0.047)*+
2-Hexanone	mg/kg	ND (0.10)*+	ND (0.16)*+	ND (0.074)*+	ND (0.060)*+	ND (0.084)*+	NT	ND (0.13)*+	ND (0.10)*+	ND (0.18)*+	ND (0.094)*+
Isopropylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
p-Isopropyltoluene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Methyl-t-Butyl Ether (MTBE)	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
4-Methyl-2-pentanone (MIBK)	mg/kg	ND (0.051)	ND (0.78)	ND (0.37)	ND (0.30)	ND (0.42)	NT	ND (0.67)	ND (0.50)	ND (0.88)	ND (0.47)
Methylene Chloride	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
Naphthalene	mg/kg	ND (0.10)*+	ND (0.16)*+	ND (0.074)*+	ND (0.060)*+	ND (0.084)*+	NT	ND (0.13)*+	ND (0.10)*+	ND (0.18)*+	ND (0.094)*+
N-Propylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Styrene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,1,1,2-Tetrachloroethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,1,2,2-Tetrachloroethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Tetrachloroethene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Toluene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,2,3-Trichlorobenzene	mg/kg	ND (0.051)*+	ND (0.078)*+	ND (0.037)*+	ND (0.030)*+	ND (0.042)*+	NT	ND (0.067)*+	ND (0.050)*+	ND (0.88)*+	ND (0.047)*+
1,2,4-Trichlorobenzene	mg/kg	ND (0.051)*+	ND (0.078)*+	ND (0.037)*+	ND (0.030)*+	ND (0.042)*+	NT	ND (0.067)*+	ND (0.050)*+	ND (0.88)*+	ND (0.047)*+
1,3,5-Trichlorobenzene	mg/kg	ND (0.051)*+1	ND (0.078)*+1	ND (0.037)*+1	ND (0.030)*+1	ND (0.042)*+1	NT	ND (0.067)*+1	ND (0.050)*+1	ND (0.88)*+1	ND (0.047)*+1
1,1,1-Trichloroethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,1,2-Trichloroethane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Trichloroethene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Trichlorofluoromethane	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.030)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
1,2,3-Trichloropropane	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,2,4-Trimethylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
1,3,5-Trimethylbenzene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Vinyl chloride	mg/kg	ND (0.020)	ND (0.031)	ND (0.015)	ND (0.012)	ND (0.017)	NT	ND (0.027)	ND (0.020)	ND (0.035)	ND (0.017)
m,p-Xylene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
o-Xylene	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
Tetrahydrofuran (THF)	mg/kg	ND (0.051)*+	ND (0.078)*+	ND (0.37)*+	ND (0.30)*+	ND (0.42)*+	NT	ND (0.67)*+	ND (0.50)*+	ND (0.88)*+	ND (0.47)*+
Diethyl ether	mg/kg	ND (0.051)	ND (0.078)	ND (0.037)	ND (0.030)	ND (0.042)	NT	ND (0.067)	ND (0.050)	ND (0.088)	ND (0.047)
tert-Amyl Methyl Ether (TAME)	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
Ethyl-t-butyl ether (ETBE)	mg/kg	ND (0.10)	ND (0.16)	ND (0.074)	ND (0.060)	ND (0.084)	NT	ND (0.13)	ND (0.10)	ND (0.18)	ND (0.094)
tert-Butyl alcohol (TBA)	mg/kg	<2.0		ND (1.5)	ND (1.2)	ND (1.7)	NT	ND (2.7)	ND (2.0)	ND (3.5)	ND (1.9)
1,4-Dioxane	mg/kg	<1.0	ND (1.6)	ND (0.74)	ND (0.60)	ND (0.84)	NT	ND (1.3)	ND (1.0)	ND (1.8)	ND (0.94)
Isopropyl Ether (DIPE)	mg/kg	<0.10 *+	ND (0.16)*+	ND (0.074)*+	ND (0.060)*+	ND (0.084)*+	NT	ND (0.13)*+	ND (0.10)*+	ND (0.18)*+	ND (0.094)*+

Notes

Bold detected above laboratory detection limits

NT = Not tested

ND = Not detected above (reporting limit)

*+ = Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate(LCSD) is outside acceptance limits, high biased.

*1 = LCS/LCSD RPD exceeds control limits.

Methods:

Total Solids: Method SM2540G

Total Mercury: Method SW7471B

Total Aluminum: SW3050B/SW6010C

Total Sulfur: SW3050B/SW6010C

pH @25 degrees C: SW9045D

VOCs: Method 8260D

Table 2: Building Materials Sampling Results GAC Chemical Corporation May 16, 2025	Sample ID	GAC-BM-A	GAC-BM-B	GAC-BM-C	GAC-BM-D
	Material	Black, brittle coating	Black, tar-like substance on wood	Green paint	Black pipe wrap
	Location	Within bank of bluff	Within filled portion of bluff	Pipeline scaffolding	Pipeline
	GPS Coordinates	44.465211, -68.878181	44.46564, -68.87824	44.46567, -68.87829	44.46567, -68.87829
Analyte	Units				
Lead	mg/Kg	9.6	NT	5,700	NT
Asbestos	% asbestos	ND	ND	NT	20% Chrysotile
PCB-1016	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1221	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1232	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1242	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1248	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1254	mg/kg	ND (1.7)	ND (2.0)	3,300	1.9
PCB-1260	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1262	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5
PCB-1268	mg/kg	ND (1.7)	ND (2.0)	<1.0	<1.5

Notes

Bold detected above laboratory detection limits

NT = Not tested

ND = Not detected above (reporting limit)

Methods:

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy

PCBs: Method 8082A

Table 3: Water Sampling Results GAC Chemical Corporation May 16, 2025	Sample ID	GAC-Water-A	GAC-Water-B
	Location	At culvert	~15 yards downstream of culvert
	GPS	44.467232, -68.878376	44.467221, -68.878369
	Coordinates		
Analyte	Units		
pH	STU	7.43	7.47
Aluminum	mg/L	0.1	0.1
Sulfur	mg/L	10	10
Mercury	mg/L	ND (0.00050)	ND (0.00050)
Acetone	ug/L	ND (10)	ND (10)
Benzene	ug/L	ND (1.0)	ND (1.0)
Bromobenzene	ug/L	ND (1.0)	ND (1.0)
Bromochloromethane	ug/L	ND (1.0)	ND (1.0)
Bromodichloromethane	ug/L	ND (0.50)	ND (0.50)
Bromoform	ug/L	ND (2.0)	ND (2.0)
Bromomethane	ug/L	ND (2.0)	ND (2.0)
2-Butanone (MEK)	ug/L	ND (10)	ND (10)
n-Butylbenzene	ug/L	ND (1.0)	ND (1.0)
sec-Butylbenzene	ug/L	ND (1.0)	ND (1.0)
tert-Butylbenzene	ug/L	ND (1.0)	ND (1.0)
Carbon disulfide	ug/L	ND (2.0)	ND (2.0)
Carbon tetrachloride	ug/L	ND (1.0)	ND (1.0)
Chlorobenzene	ug/L	ND (1.0)	ND (1.0)
Chloroethane	ug/L	ND (2.0)	ND (2.0)
Chloroform	ug/L	ND (1.0)	ND (1.0)
Chloromethane	ug/L	ND (2.0)	ND (2.0)
2-Chlorotoluene	ug/L	ND (1.0)	ND (1.0)
4-Chlorotoluene	ug/L	ND (1.0)	ND (1.0)
1,2-Dibromo-3-Chloropropane	ug/L	ND (2.0)	ND (2.0)
Dibromochloromethane	ug/L	ND (1.0)	ND (1.0)
1,2-Dibromoethane (EDB)	ug/L	ND (0.50)	ND (0.50)
Dibromomethane	ug/L	ND (1.0)	ND (1.0)
1,2-Dichlorobenzene	ug/L	ND (1.0)	ND (1.0)
1,3-Dichlorobenzene	ug/L	ND (1.0)	ND (1.0)
1,4-Dichlorobenzene	ug/L	ND (1.0)	ND (1.0)
Dichlorodifluoromethane	ug/L	ND (2.0)	ND (2.0)
1,1-Dichloroethane	ug/L	ND (1.0)	ND (1.0)
1,2-Dichloroethane	ug/L	ND (1.0)	ND (1.0)
1,1-Dichloroethene	ug/L	ND (0.50)	ND (0.50)
cis-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)
1,2-Dichloropropane	ug/L	ND (1.0)	ND (1.0)
1,3-Dichloropropane	ug/L	ND (1.0)	ND (1.0)
2,2-Dichloropropane	ug/L	ND (1.0)	ND (1.0)
1,1-Dichloropropene	ug/L	ND (1.0)	ND (1.0)
cis-1,3-Dichloropropene	ug/L	ND (0.50)	ND (0.50)
trans-1,3-Dichloropropene	ug/L	ND (0.50)	ND (0.50)
Ethylbenzene	ug/L	ND (1.0)	ND (1.0)
Hexachlorobutadiene	ug/L	ND (0.50)	ND (0.50)
2-Hexanone	ug/L	ND (10)	ND (10)
Isopropylbenzene	ug/L	ND (1.0)	ND (1.0)
p-Isopropyltoluene	ug/L	ND (1.0)	ND (1.0)
Methyl-t-Butyl Ether (MTBE)	ug/L	ND (1.0)	ND (1.0)
4-Methyl-2-pentanone (MIBK)	ug/L	ND (10)	ND (10)
Methylene Chloride	ug/L	ND (1.0)	ND (1.0)
Naphthalene	ug/L	ND (2.0)	ND (2.0)
N-Propylbenzene	ug/L	ND (1.0)	ND (1.0)
Styrene	ug/L	ND (1.0)	ND (1.0)
1,1,1,2-Tetrachloroethane	ug/L	ND (1.0)	ND (1.0)
1,1,2,2-Tetrachloroethane	ug/L	ND (1.0)	ND (1.0)
Tetrachloroethene	ug/L	ND (1.0)	ND (1.0)
Toluene	ug/L	ND (1.0)	ND (1.0)
1,2,3-Trichlorobenzene	ug/L	ND (0.50)	ND (0.50)
1,2,4-Trichlorobenzene	ug/L	ND (1.0)	ND (1.0)
1,3,5-Trichlorobenzene	ug/L	ND (1.0)	ND (1.0)
1,1,1-Trichloroethane	ug/L	ND (1.0)	ND (1.0)
1,1,2-Trichloroethane	ug/L	ND (1.0)	ND (1.0)
Trichloroethene	ug/L	3.1	3.1
Trichlorofluoromethane	ug/L	<2.0 **	<2.0 **
1,2,3-Trichloropropane	ug/L	ND (0.50)	ND (0.50)
1,2,4-Trimethylbenzene	ug/L	ND (1.0)	ND (1.0)
1,3,5-Trimethylbenzene	ug/L	ND (1.0)	ND (1.0)
Vinyl chloride	ug/L	ND (1.0)	ND (1.0)
m,p-Xylene	ug/L	ND (1.0)	ND (1.0)
o-Xylene	ug/L	ND (1.0)	ND (1.0)
Tetrahydrofuran (THF)	ug/L	ND (10)	ND (10)
Diethyl ether	ug/L	ND (2.0)	ND (2.0)
tert-Amyl Methyl Ether (TAME)	ug/L	ND (2.0)	ND (2.0)
Ethyl-t-butyl ether (ETBE)	ug/L	ND (2.0)	ND (2.0)
tert-Butyl alcohol (TBA)	ug/L	ND (30)	ND (30)
1,4-Dioxane	ug/L	ND (50)	ND (50)
Isopropyl Ether (DIPE)	ug/L	ND (2.0)	ND (2.0)

Notes

Bold detected above laboratory detection limits

NT = Not tested

ND = Not detected above (reporting limit)

Methods:

Total Solids: Method SM2540G

Total Mercury: Method SW7471B

Total Aluminum: SW3050B/SW6010C

Total Sulfur: SW3050B/SW6010C

pH @25 degrees C: SW9045D

VOCs: Method 8260D

Attachment E
Remediation Illustrations

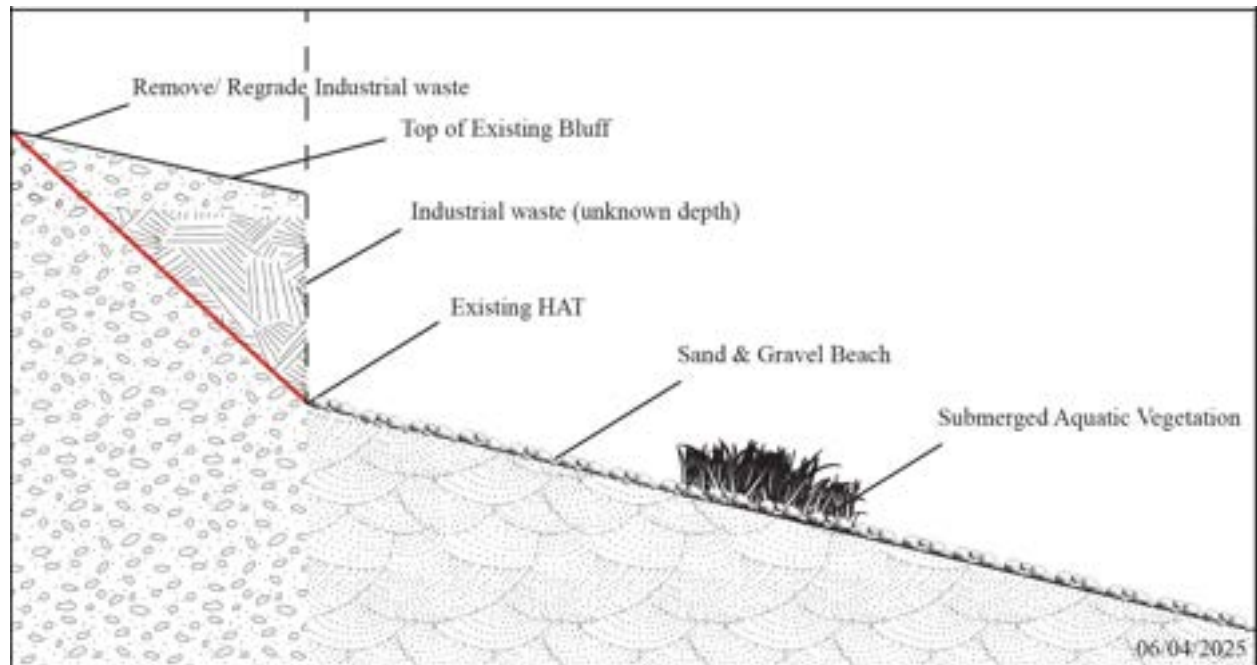


Figure E1: Sample NbS remediation illustration- representation of industrial waste beneath soil that has been exposed due to erosion.

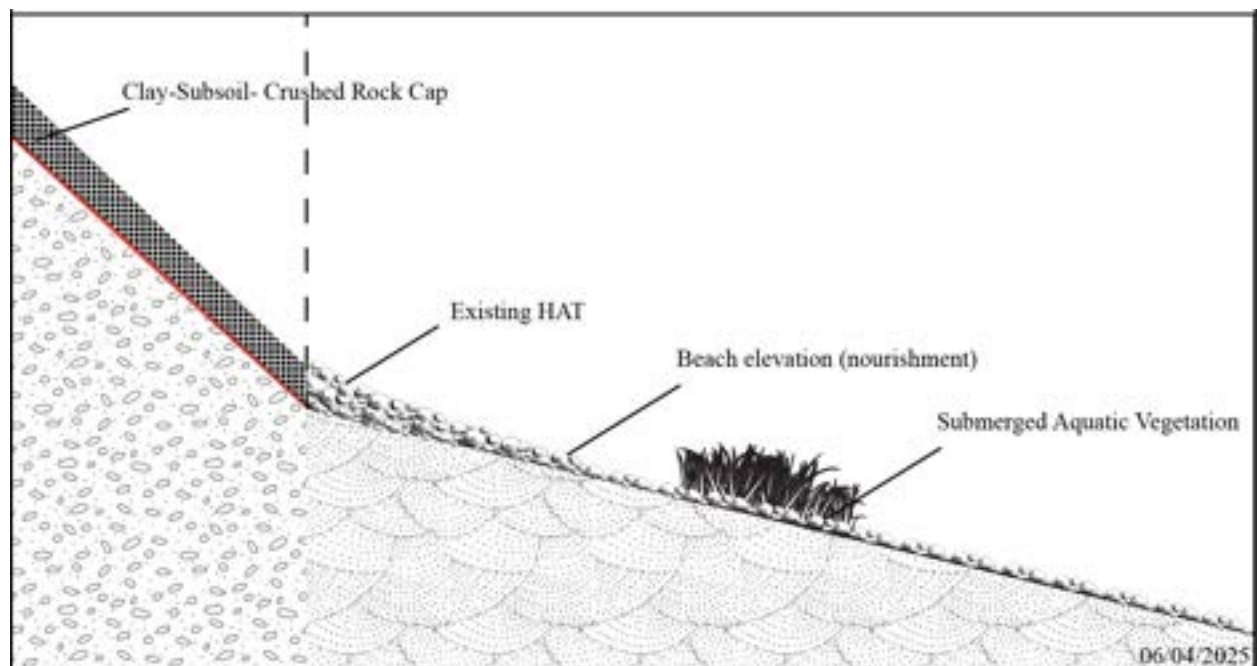


Figure E2: Sample NbS remediation illustration of removal of industrial waste with clay cap & beach elevation.

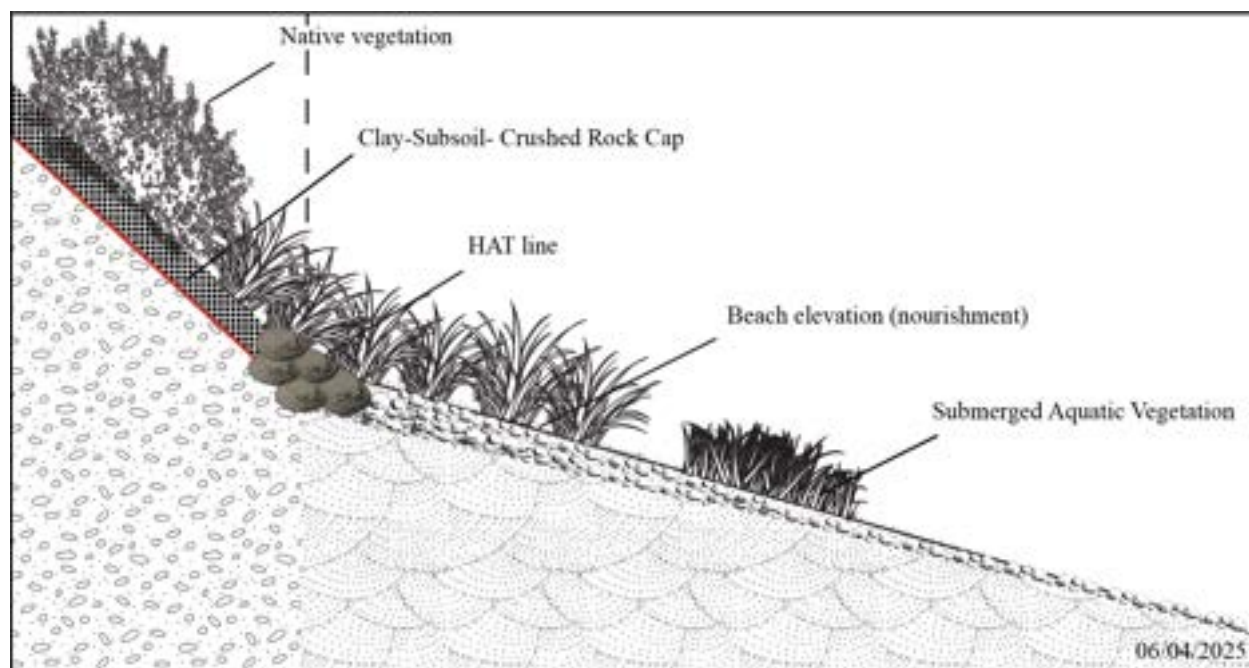


Figure E3: Sample NbS remediation illustration with bluff stabilized with vegetation.

Attachment F
Maine Environmental Laboratory Report of Analyses

Maine Environmental Laboratory

One Main Street, Yarmouth, ME 04096 Tel.: 207-846-6569 FAX: 207-846-9066 Email: melab@mel-lab.com

Report of Analyses

Report Prepared for:

Jillian Howell
5 Stephenson Ln.
Belfast, ME 04915

Report Information:

Batch ID: ONE 20119
Report ID: 20119-250604-1312

The complete report consists of the following parts:

Maine Environmental Laboratory report
Chain of Custody form
Eurofins - Eastern Analytical, Inc. report
IATL International report

REPORT NARRATIVE:

Enclosed are results of the analyses for your samples as received by the laboratory. Results are for the exclusive use of the client named on the report and will not be released to a third party without written consent. This report shall not be reproduced except in full without the written consent of the laboratory.

Maine Environmental Laboratory is accredited by the States of Maine (Cert. #ME00028) and New Hampshire (NH ELAP) (Cert. #2031) and is TNI/NELAP accredited. Please refer to our website www.maineenvironmentallaboratory.com for a copy of our Maine and NH ELAP certificates and accredited parameters. When a subcontracted laboratory is listed above, the data produced is by a Maine accredited laboratory accredited for the fields of testing performed.

Unless otherwise noted:

- Samples were received in acceptable condition and analyzed within method hold times.
- Soils, sediments, solids and tissues are reported on dry weight basis. Wipes are reported on an "as received" basis.
- All quality control data demonstrated acceptable limits
- The results reported herein conform to the most current NELAP standards where applicable.
- Analysis of solids for pH, flash point, ignitability, paint filter, corrosivity, conductivity and specific gravity are reported on an "as received" basis.
- Results for "immediate" field parameters tested at the lab such as pH were run outside of the EPA-recommended hold time.
- %RPD is not calculated when the native sample concentration is below 5 x LOQ.

DEFINITIONS:

LOQ / RL - The Limit of Quantitation / Reporting Limit is the minimum level for reporting quantitative data.

LOD / MDL - The Limit of Detection / Method Detection Limit is the minimum level for reporting estimated data.

J - Data reported between the Limit of Quantitation and Limit of Detection is J-flagged as "estimated."

ND or U - Not detected below the LOD / MDL

B - Detected in QC blank

S - Detection Limits increased due to sample matrix

4X - Native sample concentration was greater than 4 times the spike concentration so the spike added could not be distinguished from the native concentration.

% Rec - Percent Recovery; RPD - Relative Percent Difference

D - Duplicate sample

R - Reanalysis

DO - BOD: insufficient dissolve oxygen depletion to calculate Matrix Spike and MSD recoveries.

METHOD REFERENCES:

E200.2: EPA/600R-94/111, Methods for the Determination of Metals in Environmental Samples, Supplement 1, May, 1994.

E200.7: EPA/600R-94/111, Methods for the Determination of Metals in Environmental Samples, Supplement 1, May, 1994.

E245.1: EPA/600R-94/111, Methods for the Determination of Metals in Environmental Samples, Supplement 1, May, 1994.

SM2540G: Standard Methods for the Examination of Water and Wastewater, 18th edition.

SM4500H+B: Standard Methods for the Examination of Water and Wastewater, 22nd Edition.

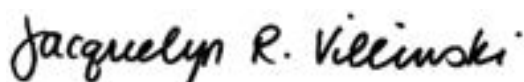
SW3050B: SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition. Updates H-V, 2007.

SW6010C: SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition. Updates H-V, 2007.

SW7471B: SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition. Updates H-V, 2007.

SW9045D: SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition. Updates H-V, 2007.

This report has been reviewed and authorized by
Jacquelyn R. Villinski, Laboratory Director:



Maine Environmental Laboratory**Report of Analyses**

One Main Street, Yarmouth, ME 04096

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Jillian Howell
5 Stephenson Ln.
Belfast, ME 04915

Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-A
Sample date: 05/16/25 6:45
Sample matrix: SD - grab
Laboratory ID: 250516P001

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	80.14	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.063	mg/kg	06/02/25	14:05	0.063	SW7471B	DWS
Aluminum, total	6,700	mg/kg	05/29/25	9:35	18	SW3050B/SW6010C	AAB
Sulfur, total	< 180	mg/kg	05/29/25	9:35	180	SW3050B/SW6010C	AAB
pH @ 25°C	7.55	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory

Report of Analyses

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-B
Sample date: 05/16/25 7:30
Sample matrix: SD - grab
Laboratory ID: 250516P002

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	70.71	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	0.12	mg/kg	06/02/25	14:05	0.071	SW7471B	DWS
Aluminum, total	19,000	mg/kg	05/29/25	9:35	42	SW3050B/SW6010C	AAB
Sulfur, total	1,200	mg/kg	05/29/25	9:35	210	SW3050B/SW6010C	AAB
pH @ 25°C	6.22	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-C
Sample date: 05/16/25 7:40
Sample matrix: SD - grab
Laboratory ID: 250516P003

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	85.81	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.058	mg/kg	06/02/25	14:05	0.058	SW7471B	DWS
Aluminum, total	20,000	mg/kg	05/29/25	9:35	33	SW3050B/SW6010C	AAB
Sulfur, total	< 170	mg/kg	05/29/25	9:35	170	SW3050B/SW6010C	AAB
pH @ 25°C	7.30	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory

Report of Analyses

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-D
Sample date: 05/16/25 7:45
Sample matrix: SD - grab
Laboratory ID: 250516P004

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	83.45	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.060	mg/kg	06/02/25	14:05	0.06	SW7471B	DWS
Aluminum, total	8,700	mg/kg	05/29/25	9:35	19	SW3050B/SW6010C	AAB
Sulfur, total	120	mg/kg	05/29/25	9:35	95	SW3050B/SW6010C	AAB
pH @ 25°C	7.39	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-E
Sample date: 05/16/25 7:55
Sample matrix: SD - grab
Laboratory ID: 250516P005

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	89.55	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.056	mg/kg	06/02/25	14:05	0.056	SW7471B	DWS
Aluminum, total	3,100	mg/kg	05/29/25	9:35	16	SW3050B/SW6010C	AAB
Sulfur, total	520	mg/kg	05/29/25	9:35	160	SW3050B/SW6010C	AAB
pH @ 25°C	4.16	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-F
Sample date: 05/16/25 8:10
Sample matrix: SD - grab
Laboratory ID: 250516P006

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	85.09	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.059	mg/kg	06/02/25	14:05	0.059	SW7471B	DWS
Aluminum, total	2,200	mg/kg	05/29/25	9:35	17	SW3050B/SW6010C	AAB
Sulfur, total	6,700	mg/kg	05/29/25	9:35	340	SW3050B/SW6010C	AAB
pH @ 25°C	2.67	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312

Sample ID: GAC-Sed-G

Batch ID: ONE 20119

Sample date: 05/16/25

11:15

Date received: 05/16/25

Sample matrix: SD - grab

Project ID: GAC Searsport

Laboratory ID: 250516P007

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	74.48	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.068	mg/kg	06/02/25	14:05	0.068	SW7471B	DWS
Aluminum, total	190	mg/kg	05/29/25	9:35	19	SW3050B/SW6010C	AAB
Sulfur, total	64,000	mg/kg	05/29/25	9:35	1900	SW3050B/SW6010C	AAB
pH @ 25°C	5.09	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312

Sample ID: GAC-Sed-H

Batch ID: ONE 20119

Sample date: 05/16/25

11:05

Date received: 05/16/25

Sample matrix: SD - grab

Project ID: GAC Searsport

Laboratory ID: 250516P008

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	87.86	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	0.39	mg/kg	06/02/25	14:05	0.057	SW7471B	DWS
Aluminum, total	100,000	mg/kg	05/29/25	9:35	330	SW3050B/SW6010C	AAB
Sulfur, total	390	mg/kg	05/29/25	9:35	170	SW3050B/SW6010C	AAB
pH @ 25°C	4.81	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-I
Sample date: 05/16/25 11:10
Sample matrix: SD - grab
Laboratory ID: 250516P009

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	67.40	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	< 0.074	mg/kg	06/02/25	14:05	0.074	SW7471B	DWS
Aluminum, total	19,000	mg/kg	05/29/25	9:35	440	SW3050B/SW6010C	AAB
Sulfur, total	120,000	mg/kg	05/29/25	9:35	4400	SW3050B/SW6010C	AAB
pH @ 25°C	4.67	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

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Report ID: 20119-250604-1312
Batch ID: ONE 20119
Date received: 05/16/25
Project ID: GAC Searsport

Sample ID: GAC-Sed-J
Sample date: 05/16/25 11:25
Sample matrix: SD - grab
Laboratory ID: 250516P010

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Total Solids	73.82	%	05/21/25	10:50	0.01	SM2540G	AD
Mercury, total	0.14	mg/kg	06/02/25	14:05	0.068	SW7471B	DWS
Aluminum, total	10,000	mg/kg	05/29/25	9:35	20	SW3050B/SW6010C	AAB
Sulfur, total	3,500	mg/kg	05/29/25	9:35	200	SW3050B/SW6010C	AAB
pH @ 25°C	7.17	STU	05/22/25	15:00	0.01	SW9045D	SEA

Notes:

Report of Analyses

Email: melab@mel-lab.com

Sample ID: GAC-BM-A
Sample date: 05/16/25 7:35
Sample matrix: W
Laboratory ID: 250516P011

Notes:

Report of Analyses

Email: melab@mel-lab.com

Sample ID: GAC-BM-C
Sample date: 05/16/25 7:15
Sample matrix: W
Laboratory ID: 250516P013

Notes:

Maine Environmental Laboratory**Report of Analyses**

One Main Street, Yarmouth, ME 04096

Tel.: 207-846-6569

FAX: 207-846-9066

Email: melab@mel-lab.com

Jillian Howell
5 Stephenson Ln.
Belfast, ME 04915

Report ID: 20119-250604-1312

Sample ID: GAC-Water-A

Batch ID: ONE 20119

Sample date: 05/16/25

6:30

Date received: 05/16/25

Sample matrix: WW - grab

Project ID: GAC Searsport

Laboratory ID: 250516P015

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Aluminum, total	0.10	mg/L	05/23/25	6:41	0.03	E200.2/E200.7	AAB
Mercury, total	< 0.00050	mg/L	05/21/25	9:00	0.0005	E245.1	DWS
Sulfur, total	10	mg/L	05/23/25	6:41	3	E200.2/E200.7	AAB
pH @ 25°C	7.43	STU	05/16/25	15:50	0.01	SM4500H+B	SEA

Notes:

Maine Environmental Laboratory**Report of Analyses**

One Main Street, Yarmouth, ME 04096

Tel.: 207-846-6569

FAX: 207-846-9066

Email: melab@mel-lab.com

Jillian Howell
5 Stephenson Ln.
Belfast, ME 04915

Report ID: 20119-250604-1312

Sample ID: GAC-Water-B

Batch ID: ONE 20119

Sample date: 05/16/25

6:35

Date received: 05/16/25

Sample matrix: WW - grab

Project ID: GAC Searsport

Laboratory ID: 250516P016

Parameter	Results	Units	Date	Time	LOQ	Method	Tech
			Analyzed	Analyzed			
Aluminum, total	0.10	mg/L	05/23/25	6:41	0.03	E200.2/E200.7	AAB
Mercury, total	< 0.00050	mg/L	05/21/25	9:00	0.0005	E245.1	DWS
Sulfur, total	10	mg/L	05/23/25	6:41	3	E200.2/E200.7	AAB
pH @ 25°C	7.37	STU	05/16/25	15:50	0.01	SM4500H+B	SEA

Notes:

Maine Environmental Laboratory

Report of Analyses

One Main Street, Yarmouth, ME 04096

Tel: 207-846-6569

FAX: 207-846-9066

Email: melab@mel-lab.com

Jillian Howell
5 Stephenson Ln.
Belfast, ME 04915

Report ID: 20119-250604-1312

QC Data Method Blanks, Laboratory Control Samples, Sample QC

Analyte	QCType	Result	Value	Units	Max	Min	Reference	Ref. Value	Units	Lab SampleID
Aluminum, total	LCS - AQ	Rec	100	%	116	84	Conc	9.983	mg/L	
Aluminum, total	LCS - AQ	Rec	92	%	116	84	Conc	9.235	mg/L	
Aluminum, total	Method Blank - AQ	Conc	0.0010 U	mg/L	0.031					
Aluminum, total	Method Blank - AQ	Conc	-0.0016 U	mg/L	0.031					
Aluminum, total	Method Blank - AQ	Conc	-0.00020 U	mg/L	0.031					
Aluminum, total	LCS - S	Rec	97	%	131	69	Conc	6652	mg/kg	
Aluminum, total	Method Blank - S	Conc	1.1 U	mg/kg	16					
Lead, total	LCS - S	Rec	110	%	131	69	Conc	123.1	mg/kg	
Lead, total	Method Blank - S	Conc	0.53 U	mg/kg	3.4					
Mercury, total	Duplicate - AQ	RPD	0.0	%	11		Conc	0	mg/L	250516P016
Mercury, total	LCS - AQ	Rec	112	%	121	79	Conc	0.00558	mg/L	
Mercury, total	LCS - AQ2	Rec	97	%	121	79	Conc	0.00965	mg/L	
Mercury, total	Method Blank - AQ	Conc	0 U	mg/L	0.00054					
Mercury, total	Duplicate - S	RPD	11.8	%	31		Conc	0.024	mg/kg	250516P001
Mercury, total	Duplicate - S	RPD	3.8	%	31		Conc	0.13	mg/kg	250516P010
Mercury, total	LCS - S	Rec	98	%	121	79	Conc	0.49	mg/kg	
Mercury, total	LCS - S2	Rec	109	%	121	79	Conc	1.09	mg/kg	
Mercury, total	LCS - S3	Rec	108	%	134	66	Conc	5.08	mg/kg	
Mercury, total	Matrix Spike - S	Rec	120	%	121	79				250516P005
Mercury, total	Method Blank - S	Conc	0 U	mg/kg	0.054					
pH @ 25°C	LCS - pH 3.00	Rec	100	%	103	97	pH	3	STU	
pH @ 25°C	LCS - pH 5.00	Rec	100	%	103	97	pH	5.01	STU	
pH @ 25°C	LCS - pH 9.00	Rec	99	%	103	97	pH	8.92	STU	
pH @ 25°C	Duplicate - pH	RPD	2.0	%	3		Conc	4.98	STU	250516P007
pH @ 25°C	LCS - pH 3.00	Rec	100	%	103	97	pH	3.01	STU	
pH @ 25°C	LCS - pH 5.00	Rec	100	%	103	97	pH	5.02	STU	
pH @ 25°C	LCS - pH 9.00	Rec	99	%	103	97	pH	8.91	STU	
Sulfur, total	LCS - AQ	Rec	83	%	116	84	Conc	41.3	mg/L	
Sulfur, total	Method Blank - AQ	Conc	0.20 U	mg/L	2.24					

Maine Environmental Laboratory

Report of Analyses

One Main Street, Yarmouth, ME 04096

Tel: 207-846-6569

FAX: 207-846-9066

Email: melab@mel-lab.com

Jillian Howell
5 Stephenson Ln.
Belfast, ME 04915

Report ID: 20119-250604-1312

QC Data Method Blanks, Laboratory Control Samples, Sample QC

Analyte	QCType	Result	Value	Units	Max	Min	Reference	Ref. Value	Units	Lab SampleID
Sulfur, total	Method Blank - AQ	Conc	0 U	mg/L	2.24					
Sulfur, total	LCS - S	Rec	106	%	121	79	Conc	2661	mg/kg	
Sulfur, total	Method Blank - S	Conc	-0.70 U	mg/kg	151					
Total Solids	Duplicate - S %	RPD	0.1	%	6		Conc	89.47	%	250516P005
Total Solids	LCS - S	Rec	100	%	121	79	Conc	50	mg/kg	
Total Solids	LCS - S	Rec	100	%	121	79	Conc	50	mg/kg	
Total Solids	Method Blank - S	Conc	0 U	mg/kg	0.014					
Total Solids	Method Blank - S	Conc	0 U	mg/kg	0.014					

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody
One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
Email: info@mel-lab.com Web: MaineEnvironmentalLaboratory.com

ANALYSES		RCRA, NPDES, SDWA or required method		LABORATORY REPORT	
SAMPLE RECEIVING		LABORATORY ID		ONE 20119	
Weight Hold Time?	Yes ☒ No ☐				
Good Condition?	Yes ☒ No ☐				
Preserved?	Yes ☒ No ☐				
Custody Seal?	Yes ☒ No ☐				
Del. by: <u>Jillian</u>					
Temp. °C <u>15.5</u>					
OK, just sampled					

REPORT TO	Jillian Howell	TELEPHONE	781-307-1524
COMPANY	howell.jillian.f@gmail.com	BILL TO / PURCHASE ORDER #	307-1524
ADDRESS	5 Stephenson Lane, Belfast, ME 04915		
PROJECT NAME	GAC Seepage		
SAMPLER NAME	QUOTE #		

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION	SAMPLE TYPE	GRAB	COMP	METHOD PRESERVED	SAMPLING	
								DATE	TIME
GAC-Sed-A	6	2	X	Sed	X		ice/methanol	6/16/25	6:45 AM
GAC-Sed-B	6	2	X	Sed	X		ice/methanol		7:30 AM
GAC-Sed-C	6	2	X	Sed	X		ice/methanol		7:40 AM
GAC-Sed-D	6	2	X	Sed	X		ice/methanol		7:45 AM
GAC-Sed-E	6	2	X	Sed	X		ice/methanol		7:55
GAC-Sed-F	6	1	X	Sed	X		ice		8:10
GAC-Sed-G	6	2	X	Sed	X		ice/methanol		11:15 AM
GAC-Sed-H	6	2	X	Sed	X		ice/methanol		11:05 AM
GAC-Sed-I	6	2	X	Sed	X		ice/methanol		11:10 AM
GAC-Sed-J	6	2	X	Sed	X		ice/methanol		11:25 AM

TURNAROUND REQUEST	REPORTING REQUIREMENTS?	COMMENTS
☒ Standard ☐ Priority (SURCHARGE)	☒ Standard Report ☐ ME DEP EGAD EDD ☐ DEP ToxSheet ☐ DW Compliance (sent to State) ☐ CC Results to	
RELINQUISHED BY SAMPLER	<u>Jillian</u>	
RELINQUISHED BY:	DATE <u>6/16/25</u> TIME <u>2:50 PM</u>	RECEIVED BY: <u>WAB</u>
RELINQUISHED BY:	DATE TIME	RECEIVED BY:
RELINQUISHED BY:	DATE TIME	RECEIVED BY LABORATORY:

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody
 One Main Street Yarmouth, ME 04096-6716 Tel: (207) 846-6569 Fax: (207) 846-9066
 Email: info@mel-lab.com Web: MaineEnvironmentalLaboratory.com

REPORT TO: **Jillian Howell** EMAIL: **howell.jillian.f@gmail.com** TELEPHONE: **(207) 307-1524**
 COMPANY: **BILL TO / PURCHASE ORDER #**

ADDRESS: **5 Stephenson Lane, Belfast, ME 04915**
 PROJECT NAME: **GAC SEAWATER** SAMPLER NAME: **Jillian Howell** QUOTE #

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION		SAMPLE TYPE	COMP.	METHOD PRESERVED	SAMPLING	
			YES	NO				DATE	TIME
GAC-BM-A	3	G	X		PAPER	X	ice	5/16/25	7:35 AM
GAC-BM-B	2	G	X		WOOD COATING	X	ice	5/16/25	6:55 AM
GAC-BM-C	2	G	X		PAINT	X	ice	5/16/25	7:15 AM
GAC-BM-D	3	G	X		PIPE COATING	X	ice	5/16/25	7:05 AM
GAC-Water-A	5	G/plastic	X		water	X	ice/40% NITROGEN	5/16/25	6:30 AM
GAC-Water-B	5	G/plastic	X		water	X	↓	5/16/25	6:35 AM

TURNAROUND REQUEST		REPORTING REQUIREMENTS?		COMMENTS	
☒ Standard	☐ Priority (SURCHARGE)	☒ Standard Report	☐ ME DEP EGAD EDD	☐ DEP ToxSheet	
		☐ DW Compliance (sent to State)	☐ CC Results to		
RELINQUISHED BY SAMPLER					
RELINQUISHED BY:					
RELINQUISHED BY:					

ANALYSES		RCRA, NPDES, SDWA or required method		LABORATORY REPORT	
EA1	EA2	EA1	EA2	ONE 2019	SAMPLE RECEIVING
A	B	A	B	Within Hold Time?	☒ Yes ☐ No
C	D	C	D	Good Condition?	☒ Yes ☐ No
E	F	E	F	Preserved?	☒ Yes ☐ No
				Custody Seal?	☒ Yes ☐ No
				Del. by: <i>Jillian</i>	
				Temp. °C: <i>15.5</i>	
				<i>ok just sampled</i>	
				LABORATORY ID	
					<i>250516P011</i>
					<i>012</i>
					<i>013</i>
					<i>014</i>
					<i>015</i>
					<i>016</i>

MEL reserves the right to subcontract analyses at MEL's discretion.

RECEIVED BY: <i>Jillian Howell</i>	DATE: <i>5/16/25</i>	TIME: <i>2:50 PM</i>
RECEIVED BY:	DATE:	TIME:
RECEIVED BY LABORATORY:	DATE:	TIME:



ANALYTICAL REPORT

PREPARED FOR

Attn: Jacquelyn Villinski
Maine Environmental Laboratory LLC
1 Main Street
Yarmouth, Maine 04096

Generated 5/29/2025 10:46:52 PM

JOB DESCRIPTION

ONE 20119

JOB NUMBER

475-4842-1

Eurofins Concord

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Ashley Breen

Generated
5/29/2025 10:46:52 PM

Authorized for release by
Ashley Breen, Project Manager
Ashley.Breen@et.eurofinsus.com
(603)228-0525

Case Narrative

Client: Maine Environmental Laboratory LLC
Project: ONE 20119

Job ID: 475-4842-1

Job ID: 475-4842-1**Eurofins Concord****Job Narrative
475-4842-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 5/20/2025 11:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC/MS VOA

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 475-5807 and analytical batch 475-5950 recovered outside control limits for the following analytes: 1,3,5-Trichlorobenzene.

Method 8260D: GAC-Sed-A (475-4842-1), GAC-Sed-B (475-4842-2), GAC-Sed-C (475-4842-3), GAC-Sed-D (475-4842-4), GAC-Sed-E (475-4842-5), GAC-Sed-G (475-4842-6), GAC-Sed-H (475-4842-7), GAC-Sed-I (475-4842-8) and GAC-Sed-J (475-4842-9): 2-Butanone (MEK), 2-Hexanone, Tetrahydrofuran (THF) and Isopropyl Ether (DIPE) exhibited recovery above acceptance limits in the Quality Control samples.

Method 8260D: GAC-Sed-H (475-4842-7): Isopropyl ether exhibited recovery above acceptance limits in the Quality Control sample.

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

PCBs

Method 8082A: Due to the matrix, the initial mass used for the following samples deviated from the standard procedure: GAC-BM-A (475-4842-10), GAC-BM-B (475-4842-11), GAC-BM-C (475-4842-12) and GAC-BM-D (475-4842-13). The reporting limits (RLs) have been adjusted proportionately.

Method 8082A: Due to the matrix, the following samples could not be concentrated to the final method required volume: GAC-BM-A (475-4842-10), GAC-BM-B (475-4842-11) and GAC-BM-D (475-4842-13). The reporting limits (RLs) are elevated proportionately.

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

General Chemistry

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

Eurofins Concord

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
475-4842-1	GAC-Sed-A	Solid	05/16/25 06:45	05/20/25 11:38
475-4842-2	GAC-Sed-B	Solid	05/16/25 07:30	05/20/25 11:38
475-4842-3	GAC-Sed-C	Solid	05/16/25 07:40	05/20/25 11:38
475-4842-4	GAC-Sed-D	Solid	05/16/25 07:45	05/20/25 11:38
475-4842-5	GAC-Sed-E	Solid	05/16/25 07:55	05/20/25 11:38
475-4842-6	GAC-Sed-G	Solid	05/16/25 11:15	05/20/25 11:38
475-4842-7	GAC-Sed-H	Solid	05/16/25 11:05	05/20/25 11:38
475-4842-8	GAC-Sed-I	Solid	05/16/25 11:10	05/20/25 11:38
475-4842-9	GAC-Sed-J	Solid	05/16/25 11:25	05/20/25 11:38
475-4842-10	GAC-BM-A	Solid	05/16/25 07:35	05/20/25 11:38
475-4842-11	GAC-BM-B	Solid	05/16/25 06:55	05/20/25 11:38
475-4842-12	GAC-BM-C	Solid	05/16/25 07:15	05/20/25 11:38
475-4842-13	GAC-BM-D	Solid	05/16/25 07:05	05/20/25 11:38
475-4842-14	GAC-Water-A	Water	05/16/25 06:30	05/20/25 11:38
475-4842-15	GAC-Water-B	Water	05/16/25 06:35	05/20/25 11:38

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-A

Lab Sample ID: 475-4842-1

Date Collected: 05/16/25 06:45

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.0		2.0	mg/Kg	☆	05/23/25 00:02	1	DGM
Benzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Bromobenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Bromochloromethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Bromodichloromethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Bromoform	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Bromomethane	<0.20		0.20	mg/Kg	☆	05/23/25 00:02	1	DGM
2-Butanone (MEK)	<0.51		0.51	mg/Kg	☆	05/23/25 00:02	1	DGM
n-Butylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
sec-Butylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
tert-Butylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Carbon disulfide	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
Carbon tetrachloride	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Chlorobenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Chloroethane	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
Chloroform	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Chloromethane	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
2-Chlorotoluene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
4-Chlorotoluene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2-Dibromo-3-Chloropropane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Dibromochloromethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2-Dibromoethane (EDB)	<0.020		0.020	mg/Kg	☆	05/23/25 00:02	1	DGM
Dibromomethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2-Dichlorobenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,3-Dichlorobenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,4-Dichlorobenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Dichlorodifluoromethane	<0.10	++	0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
1,1-Dichloroethane	<0.051	++	0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2-Dichloroethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,1-Dichloroethene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
cis-1,2-Dichloroethene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
trans-1,2-Dichloroethene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2-Dichloropropane	<0.051	++	0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,3-Dichloropropane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
2,2-Dichloropropane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,1-Dichloropropene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
cis-1,3-Dichloropropene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
trans-1,3-Dichloropropene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Ethylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Hexachlorobutadiene	<0.051	++	0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
2-Hexanone	<0.10	++	0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
Isopropylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
p-Isopropyltoluene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.51		0.51	mg/Kg	☆	05/23/25 00:02	1	DGM
Methylene Chloride	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
Naphthalene	<0.10	++	0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
N-Propylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Styrene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM

Eurofins Concord

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-A

Lab Sample ID: 475-4842-1

Date Collected: 05/16/25 06:45

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1,2-Tetrachloroethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,1,2,2-Tetrachloroethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Tetrachloroethene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Toluene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2,3-Trichlorobenzene	<0.051	*+	0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2,4-Trichlorobenzene	<0.051	*+	0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,3,5-Trichlorobenzene	<0.051	*+ *1	0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,1,1-Trichloroethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,1,2-Trichloroethane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Trichloroethene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Trichlorofluoromethane	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2,3-Trichloropropane	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,2,4-Trimethylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
1,3,5-Trimethylbenzene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Vinyl chloride	<0.020		0.020	mg/Kg	☆	05/23/25 00:02	1	DGM
m,p-Xylene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
o-Xylene	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
Tetrahydrofuran (THF)	<0.51	*+	0.51	mg/Kg	☆	05/23/25 00:02	1	DGM
Diethyl ether	<0.051		0.051	mg/Kg	☆	05/23/25 00:02	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.10		0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
tert-Butyl alcohol (TBA)	<2.0		2.0	mg/Kg	☆	05/23/25 00:02	1	DGM
1,4-Dioxane	<1.0		1.0	mg/Kg	☆	05/23/25 00:02	1	DGM
Isopropyl Ether (DIPE)	<0.10	*+	0.10	mg/Kg	☆	05/23/25 00:02	1	DGM
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	107		70 - 130			05/23/25 00:02	1	DGM
Toluene-d8 (Surr)	100		70 - 130			05/23/25 00:02	1	DGM
1,2-Dichloroethane-d4 (Surr)	119		70 - 130			05/23/25 00:02	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	97		70 - 130			05/23/25 00:02	1	DGM

Client Sample ID: GAC-Sed-B

Lab Sample ID: 475-4842-2

Date Collected: 05/16/25 07:30

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 72.4

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<3.1		3.1	mg/Kg	☆	05/23/25 00:26	1	DGM
Benzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Bromobenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Bromochloromethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Bromodichloromethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Bromoform	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Bromomethane	<0.31		0.31	mg/Kg	☆	05/23/25 00:26	1	DGM
2-Butanone (MEK)	<0.78		0.78	mg/Kg	☆	05/23/25 00:26	1	DGM
n-Butylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
sec-Butylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
tert-Butylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Carbon disulfide	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
Carbon tetrachloride	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-B**Lab Sample ID: 475-4842-2****Date Collected: 05/16/25 07:30****Matrix: Solid****Date Received: 05/20/25 11:38****Percent Solids: 72.4****Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chlorobenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Chloroethane	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
Chloroform	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Chloromethane	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
2-Chlorotoluene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
4-Chlorotoluene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2-Dibromo-3-Chloropropane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Dibromochloromethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2-Dibromoethane (EDB)	<0.031		0.031	mg/Kg	☆	05/23/25 00:26	1	DGM
Dibromomethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2-Dichlorobenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,3-Dichlorobenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,4-Dichlorobenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Dichlorodifluoromethane	<0.16	*+	0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1-Dichloroethane	<0.078	*+	0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2-Dichloroethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1-Dichloroethene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
cis-1,2-Dichloroethene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
trans-1,2-Dichloroethene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2-Dichloropropane	<0.078	*+	0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,3-Dichloropropane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
2,2-Dichloropropane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1-Dichloropropene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
cis-1,3-Dichloropropene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
trans-1,3-Dichloropropene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Ethylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Hexachlorobutadiene	<0.078	*+	0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
2-Hexanone	<0.16	*+	0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
Isopropylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
p-Isopropyltoluene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.78		0.78	mg/Kg	☆	05/23/25 00:26	1	DGM
Methylene Chloride	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
Naphthalene	<0.16	*+	0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
N-Propylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Styrene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1,1,2-Tetrachloroethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1,2,2-Tetrachloroethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Tetrachloroethene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Toluene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2,3-Trichlorobenzene	<0.078	*+	0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2,4-Trichlorobenzene	<0.078	*+	0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,3,5-Trichlorobenzene	<0.078	*+ *1	0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1,1-Trichloroethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,1,2-Trichloroethane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Trichloroethene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Trichlorofluoromethane	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2,3-Trichloropropane	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
1,2,4-Trimethylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-B

Date Collected: 05/16/25 07:30

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-2

Matrix: Solid

Percent Solids: 72.4

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,3,5-Trimethylbenzene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Vinyl chloride	<0.031		0.031	mg/Kg	☆	05/23/25 00:26	1	DGM
m,p-Xylene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
o-Xylene	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
Tetrahydrofuran (THF)	<0.78	+	0.78	mg/Kg	☆	05/23/25 00:26	1	DGM
Diethyl ether	<0.078		0.078	mg/Kg	☆	05/23/25 00:26	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.16		0.16	mg/Kg	☆	05/23/25 00:26	1	DGM
tert-Butyl alcohol (TBA)	<3.1		3.1	mg/Kg	☆	05/23/25 00:26	1	DGM
1,4-Dioxane	<1.6		1.6	mg/Kg	☆	05/23/25 00:26	1	DGM
Isopropyl Ether (DIPE)	<0.16	+	0.16	mg/Kg	☆	05/23/25 00:26	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	107		70 - 130	05/23/25 00:26	1	DGM
Toluene-d8 (Surr)	100		70 - 130	05/23/25 00:26	1	DGM
1,2-Dichloroethane-d4 (Surr)	116		70 - 130	05/23/25 00:26	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	103		70 - 130	05/23/25 00:26	1	DGM

Client Sample ID: GAC-Sed-C

Date Collected: 05/16/25 07:40

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-3

Matrix: Solid

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<1.5		1.5	mg/Kg	☆	05/23/25 00:51	1	DGM
Benzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Bromobenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Bromochloromethane	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Bromodichloromethane	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Bromoform	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Bromomethane	<0.15		0.15	mg/Kg	☆	05/23/25 00:51	1	DGM
2-Butanone (MEK)	<0.37		0.37	mg/Kg	☆	05/23/25 00:51	1	DGM
n-Butylbenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
sec-Butylbenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
tert-Butylbenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Carbon disulfide	<0.074		0.074	mg/Kg	☆	05/23/25 00:51	1	DGM
Carbon tetrachloride	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Chlorobenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Chloroethane	<0.074		0.074	mg/Kg	☆	05/23/25 00:51	1	DGM
Chloroform	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Chloromethane	<0.074		0.074	mg/Kg	☆	05/23/25 00:51	1	DGM
2-Chlorotoluene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
4-Chlorotoluene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
1,2-Dibromo-3-Chloropropane	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
Dibromochloromethane	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
1,2-Dibromoethane (EDB)	<0.015		0.015	mg/Kg	☆	05/23/25 00:51	1	DGM
Dibromomethane	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
1,2-Dichlorobenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
1,3-Dichlorobenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM
1,4-Dichlorobenzene	<0.037		0.037	mg/Kg	☆	05/23/25 00:51	1	DGM

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Client Sample ID: GAC-Sed-C

Lab Sample ID: 475-4842-3

Date Collected: 05/16/25 07:40

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 87.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst	
Dichlorodifluoromethane	<0.074	*+	0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1-Dichloroethane	<0.037	*+	0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,2-Dichloroethane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1-Dichloroethene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
cis-1,2-Dichloroethene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
trans-1,2-Dichloroethene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,2-Dichloropropane	<0.037	*+	0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,3-Dichloropropane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
2,2-Dichloropropane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1-Dichloropropene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
cis-1,3-Dichloropropene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
trans-1,3-Dichloropropene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Ethylbenzene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Hexachlorobutadiene	<0.037	*+	0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
2-Hexanone	<0.074	*+	0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
Isopropylbenzene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
p-Isopropyltoluene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Methyl-t-Butyl Ether (MTBE)	<0.074		0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
4-Methyl-2-pentanone (MIBK)	<0.37		0.37	mg/Kg	☼	05/23/25 00:51	1	DGM	
Methylene Chloride	<0.074		0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
Naphthalene	<0.074	*+	0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
N-Propylbenzene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Styrene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1,1,2-Tetrachloroethane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1,2,2-Tetrachloroethane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Tetrachloroethene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Toluene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,2,3-Trichlorobenzene	<0.037	*+	0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,2,4-Trichlorobenzene	<0.037	*+	0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,3,5-Trichlorobenzene	<0.037	*+ *1	0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1,1-Trichloroethane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,1,2-Trichloroethane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Trichloroethene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Trichlorofluoromethane	<0.074		0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,2,3-Trichloropropane	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,2,4-Trimethylbenzene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,3,5-Trimethylbenzene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Vinyl chloride	<0.015		0.015	mg/Kg	☼	05/23/25 00:51	1	DGM	
m,p-Xylene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
o-Xylene	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
Tetrahydrofuran (THF)	<0.37	*+	0.37	mg/Kg	☼	05/23/25 00:51	1	DGM	
Diethyl ether	<0.037		0.037	mg/Kg	☼	05/23/25 00:51	1	DGM	
tert-Amyl Methyl Ether (TAME)	<0.074		0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
Ethyl-t-butyl ether (ETBE)	<0.074		0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
tert-Butyl alcohol (TBA)	<1.5		1.5	mg/Kg	☼	05/23/25 00:51	1	DGM	
1,4-Dioxane	<0.74		0.74	mg/Kg	☼	05/23/25 00:51	1	DGM	
Isopropyl Ether (DIPE)	<0.074	*+	0.074	mg/Kg	☼	05/23/25 00:51	1	DGM	
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst	
4-Bromofluorobenzene (Surr)	105		70 - 130			05/23/25 00:51	1	DGM	

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-C

Date Collected: 05/16/25 07:40

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-3

Matrix: Solid

Percent Solids: 87.7

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

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Toluene-d8 (Surr)	98		70 - 130	05/23/25 00:51	1	DGM
1,2-Dichloroethane-d4 (Surr)	121		70 - 130	05/23/25 00:51	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	101		70 - 130	05/23/25 00:51	1	DGM

Client Sample ID: GAC-Sed-D

Date Collected: 05/16/25 07:45

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-4

Matrix: Solid

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<1.2		1.2	mg/Kg	☆	05/23/25 01:16	1	DGM
Benzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Bromobenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Bromochloromethane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Bromodichloromethane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Bromoform	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Bromomethane	<0.12		0.12	mg/Kg	☆	05/23/25 01:16	1	DGM
2-Butanone (MEK)	<0.30		0.30	mg/Kg	☆	05/23/25 01:16	1	DGM
n-Butylbenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
sec-Butylbenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
tert-Butylbenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Carbon disulfide	<0.060		0.060	mg/Kg	☆	05/23/25 01:16	1	DGM
Carbon tetrachloride	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Chlorobenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Chloroethane	<0.060		0.060	mg/Kg	☆	05/23/25 01:16	1	DGM
Chloroform	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Chloromethane	<0.060		0.060	mg/Kg	☆	05/23/25 01:16	1	DGM
2-Chlorotoluene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
4-Chlorotoluene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,2-Dibromo-3-Chloropropane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Dibromochloromethane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,2-Dibromoethane (EDB)	<0.012		0.012	mg/Kg	☆	05/23/25 01:16	1	DGM
Dibromomethane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,2-Dichlorobenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,3-Dichlorobenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,4-Dichlorobenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Dichlorodifluoromethane	<0.060	*+	0.060	mg/Kg	☆	05/23/25 01:16	1	DGM
1,1-Dichloroethane	<0.030	*+	0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,2-Dichloroethane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,1-Dichloroethene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
cis-1,2-Dichloroethene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
trans-1,2-Dichloroethene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,2-Dichloropropane	<0.030	*+	0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,3-Dichloropropane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
2,2-Dichloropropane	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
1,1-Dichloropropene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
cis-1,3-Dichloropropene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
trans-1,3-Dichloropropene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM
Ethylbenzene	<0.030		0.030	mg/Kg	☆	05/23/25 01:16	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-D
Date Collected: 05/16/25 07:45
Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-4
Matrix: Solid
Percent Solids: 89.9

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)								
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Hexachlorobutadiene	<0.030	*+	0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
2-Hexanone	<0.060	*+	0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
Isopropylbenzene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
p-Isopropyltoluene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.060		0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.30		0.30	mg/Kg	☼	05/23/25 01:16	1	DGM
Methylene Chloride	<0.060		0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
Naphthalene	<0.060	*+	0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
N-Propylbenzene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Styrene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,1,1,2-Tetrachloroethane	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,1,2,2-Tetrachloroethane	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Tetrachloroethene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Toluene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,2,3-Trichlorobenzene	<0.030	*+	0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,2,4-Trichlorobenzene	<0.030	*+	0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,3,5-Trichlorobenzene	<0.030	*+ *1	0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,1,1-Trichloroethane	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,1,2-Trichloroethane	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Trichloroethene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Trichlorofluoromethane	<0.060		0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
1,2,3-Trichloropropane	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,2,4-Trimethylbenzene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
1,3,5-Trimethylbenzene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Vinyl chloride	<0.012		0.012	mg/Kg	☼	05/23/25 01:16	1	DGM
m,p-Xylene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
o-Xylene	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
Tetrahydrofuran (THF)	<0.30	*+	0.30	mg/Kg	☼	05/23/25 01:16	1	DGM
Diethyl ether	<0.030		0.030	mg/Kg	☼	05/23/25 01:16	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.060		0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.060		0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
tert-Butyl alcohol (TBA)	<1.2		1.2	mg/Kg	☼	05/23/25 01:16	1	DGM
1,4-Dioxane	<0.60		0.60	mg/Kg	☼	05/23/25 01:16	1	DGM
Isopropyl Ether (DIPE)	<0.060	*+	0.060	mg/Kg	☼	05/23/25 01:16	1	DGM
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	95		70 - 130			05/23/25 01:16	1	DGM
Toluene-d8 (Surr)	100		70 - 130			05/23/25 01:16	1	DGM
1,2-Dichloroethane-d4 (Surr)	119		70 - 130			05/23/25 01:16	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	103		70 - 130			05/23/25 01:16	1	DGM

Client Sample ID: GAC-Sed-E
Date Collected: 05/16/25 07:55
Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-5
Matrix: Solid
Percent Solids: 90.3

Method: 8260D - Volatile Organic Compounds by GC/MS								
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<1.7		1.7	mg/Kg	☼	05/23/25 01:40	1	DGM
Benzene	<0.042		0.042	mg/Kg	☼	05/23/25 01:40	1	DGM
Bromobenzene	<0.042		0.042	mg/Kg	☼	05/23/25 01:40	1	DGM

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-E

Lab Sample ID: 475-4842-5

Date Collected: 05/16/25 07:55

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Bromochloromethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Bromodichloromethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Bromoform	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Bromomethane	<0.17		0.17	mg/Kg	☆	05/23/25 01:40	1	DGM
2-Butanone (MEK)	<0.42		0.42	mg/Kg	☆	05/23/25 01:40	1	DGM
n-Butylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
sec-Butylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
tert-Butylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Carbon disulfide	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
Carbon tetrachloride	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Chlorobenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Chloroethane	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
Chloroform	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Chloromethane	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
2-Chlorotoluene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
4-Chlorotoluene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2-Dibromo-3-Chloropropane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Dibromochloromethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2-Dibromoethane (EDB)	<0.017		0.017	mg/Kg	☆	05/23/25 01:40	1	DGM
Dibromomethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2-Dichlorobenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,3-Dichlorobenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,4-Dichlorobenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Dichlorodifluoromethane	<0.084	+	0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1-Dichloroethane	<0.042	+	0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2-Dichloroethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1-Dichloroethene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
cis-1,2-Dichloroethene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
trans-1,2-Dichloroethene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2-Dichloropropane	<0.042	+	0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,3-Dichloropropane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
2,2-Dichloropropane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1-Dichloropropene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
cis-1,3-Dichloropropene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
trans-1,3-Dichloropropene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Ethylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Hexachlorobutadiene	<0.042	+	0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
2-Hexanone	<0.084	+	0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
Isopropylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
p-Isopropyltoluene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.42		0.42	mg/Kg	☆	05/23/25 01:40	1	DGM
Methylene Chloride	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
Naphthalene	<0.084	+	0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
N-Propylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Styrene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1,1,2-Tetrachloroethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1,2,2-Tetrachloroethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Tetrachloroethene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-E

Lab Sample ID: 475-4842-5

Date Collected: 05/16/25 07:55

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Toluene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2,3-Trichlorobenzene	<0.042	*+	0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2,4-Trichlorobenzene	<0.042	*+	0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,3,5-Trichlorobenzene	<0.042	*+ *1	0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1,1-Trichloroethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,1,2-Trichloroethane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Trichloroethene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Trichlorofluoromethane	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2,3-Trichloropropane	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,2,4-Trimethylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
1,3,5-Trimethylbenzene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Vinyl chloride	<0.017		0.017	mg/Kg	☆	05/23/25 01:40	1	DGM
m,p-Xylene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
o-Xylene	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
Tetrahydrofuran (THF)	<0.42	*+	0.42	mg/Kg	☆	05/23/25 01:40	1	DGM
Diethyl ether	<0.042		0.042	mg/Kg	☆	05/23/25 01:40	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.084		0.084	mg/Kg	☆	05/23/25 01:40	1	DGM
tert-Butyl alcohol (TBA)	<1.7		1.7	mg/Kg	☆	05/23/25 01:40	1	DGM
1,4-Dioxane	<0.84		0.84	mg/Kg	☆	05/23/25 01:40	1	DGM
Isopropyl Ether (DIPE)	<0.084	*+	0.084	mg/Kg	☆	05/23/25 01:40	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	96		70 - 130	05/23/25 01:40	1	DGM
Toluene-d8 (Surr)	102		70 - 130	05/23/25 01:40	1	DGM
1,2-Dichloroethane-d4 (Surr)	123		70 - 130	05/23/25 01:40	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	112		70 - 130	05/23/25 01:40	1	DGM

Client Sample ID: GAC-Sed-G

Lab Sample ID: 475-4842-6

Date Collected: 05/16/25 11:15

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 75.3

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.7		2.7	mg/Kg	☆	05/23/25 02:05	1	DGM
Benzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Bromobenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Bromochloromethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Bromodichloromethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Bromoform	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Bromomethane	<0.27		0.27	mg/Kg	☆	05/23/25 02:05	1	DGM
2-Butanone (MEK)	<0.67		0.67	mg/Kg	☆	05/23/25 02:05	1	DGM
n-Butylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
sec-Butylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
tert-Butylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Carbon disulfide	<0.13		0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
Carbon tetrachloride	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Chlorobenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Chloroethane	<0.13		0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
Chloroform	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-G

Lab Sample ID: 475-4842-6

Date Collected: 05/16/25 11:15

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 75.3

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chloromethane	<0.13		0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
2-Chlorotoluene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
4-Chlorotoluene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2-Dibromo-3-Chloropropane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Dibromochloromethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2-Dibromoethane (EDB)	<0.027		0.027	mg/Kg	☆	05/23/25 02:05	1	DGM
Dibromomethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2-Dichlorobenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,3-Dichlorobenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,4-Dichlorobenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Dichlorodifluoromethane	<0.13	*+	0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1-Dichloroethane	<0.067	*+	0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2-Dichloroethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1-Dichloroethene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
cis-1,2-Dichloroethene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
trans-1,2-Dichloroethene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2-Dichloropropane	<0.067	*+	0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,3-Dichloropropane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
2,2-Dichloropropane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1-Dichloropropene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
cis-1,3-Dichloropropene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
trans-1,3-Dichloropropene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Ethylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Hexachlorobutadiene	<0.067	*+	0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
2-Hexanone	<0.13	*+	0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
Isopropylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
p-Isopropyltoluene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.13		0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.67		0.67	mg/Kg	☆	05/23/25 02:05	1	DGM
Methylene Chloride	<0.13		0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
Naphthalene	<0.13	*+	0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
N-Propylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Styrene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1,1,2-Tetrachloroethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1,2,2-Tetrachloroethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Tetrachloroethene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Toluene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2,3-Trichlorobenzene	<0.067	*+	0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2,4-Trichlorobenzene	<0.067	*+	0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,3,5-Trichlorobenzene	<0.067	*+ *1	0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1,1-Trichloroethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,1,2-Trichloroethane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Trichloroethene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Trichlorofluoromethane	<0.13		0.13	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2,3-Trichloropropane	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,2,4-Trimethylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
1,3,5-Trimethylbenzene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM
Vinyl chloride	<0.027		0.027	mg/Kg	☆	05/23/25 02:05	1	DGM
m,p-Xylene	<0.067		0.067	mg/Kg	☆	05/23/25 02:05	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-G

Date Collected: 05/16/25 11:15

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-6

Matrix: Solid

Percent Solids: 75.3

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
o-Xylene	<0.067		0.067	mg/Kg	✧	05/23/25 02:05	1	DGM
Tetrahydrofuran (THF)	<0.67	*+	0.67	mg/Kg	✧	05/23/25 02:05	1	DGM
Diethyl ether	<0.067		0.067	mg/Kg	✧	05/23/25 02:05	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.13		0.13	mg/Kg	✧	05/23/25 02:05	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.13		0.13	mg/Kg	✧	05/23/25 02:05	1	DGM
tert-Butyl alcohol (TBA)	<2.7		2.7	mg/Kg	✧	05/23/25 02:05	1	DGM
1,4-Dioxane	<1.3		1.3	mg/Kg	✧	05/23/25 02:05	1	DGM
Isopropyl Ether (DIPE)	<0.13	*+	0.13	mg/Kg	✧	05/23/25 02:05	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	97		70 - 130	05/23/25 02:05	1	DGM
Toluene-d8 (Surr)	96		70 - 130	05/23/25 02:05	1	DGM
1,2-Dichloroethane-d4 (Surr)	123		70 - 130	05/23/25 02:05	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130	05/23/25 02:05	1	DGM

Client Sample ID: GAC-Sed-H

Date Collected: 05/16/25 11:05

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-7

Matrix: Solid

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.0		2.0	mg/Kg	✧	05/27/25 19:33	1	DGM
Benzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Bromobenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Bromochloromethane	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Bromodichloromethane	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Bromoform	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Bromomethane	<0.20		0.20	mg/Kg	✧	05/27/25 19:33	1	DGM
2-Butanone (MEK)	<0.50		0.50	mg/Kg	✧	05/27/25 19:33	1	DGM
n-Butylbenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
sec-Butylbenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
tert-Butylbenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Carbon disulfide	<0.10		0.10	mg/Kg	✧	05/27/25 19:33	1	DGM
Carbon tetrachloride	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Chlorobenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Chloroethane	<0.10		0.10	mg/Kg	✧	05/27/25 19:33	1	DGM
Chloroform	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Chloromethane	<0.10		0.10	mg/Kg	✧	05/27/25 19:33	1	DGM
2-Chlorotoluene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
4-Chlorotoluene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
1,2-Dibromo-3-Chloropropane	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Dibromochloromethane	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
1,2-Dibromoethane (EDB)	<0.020		0.020	mg/Kg	✧	05/27/25 19:33	1	DGM
Dibromomethane	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
1,2-Dichlorobenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
1,3-Dichlorobenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
1,4-Dichlorobenzene	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
Dichlorodifluoromethane	<0.10	*+	0.10	mg/Kg	✧	05/27/25 19:33	1	DGM
1,1-Dichloroethane	<0.050	*+	0.050	mg/Kg	✧	05/27/25 19:33	1	DGM
1,2-Dichloroethane	<0.050		0.050	mg/Kg	✧	05/27/25 19:33	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-H

Lab Sample ID: 475-4842-7

Date Collected: 05/16/25 11:05

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1-Dichloroethene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
cis-1,2-Dichloroethene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
trans-1,2-Dichloroethene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,2-Dichloropropane	<0.050	*+	0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,3-Dichloropropane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
2,2-Dichloropropane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,1-Dichloropropene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
cis-1,3-Dichloropropene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
trans-1,3-Dichloropropene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Ethylbenzene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Hexachlorobutadiene	<0.050	*+	0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
2-Hexanone	<0.10	*+	0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
Isopropylbenzene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
p-Isopropyltoluene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.10		0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.50		0.50	mg/Kg	☆	05/27/25 19:33	1	DGM
Methylene Chloride	<0.10		0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
Naphthalene	<0.10	*+	0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
N-Propylbenzene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Styrene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,1,1,2-Tetrachloroethane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,1,2,2-Tetrachloroethane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Tetrachloroethene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Toluene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,2,3-Trichlorobenzene	<0.050	*+	0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,2,4-Trichlorobenzene	<0.050	*+	0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,3,5-Trichlorobenzene	<0.050	*+ *1	0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,1,1-Trichloroethane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,1,2-Trichloroethane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Trichloroethene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Trichlorofluoromethane	<0.10		0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
1,2,3-Trichloropropane	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,2,4-Trimethylbenzene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
1,3,5-Trimethylbenzene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Vinyl chloride	<0.020		0.020	mg/Kg	☆	05/27/25 19:33	1	DGM
m,p-Xylene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
o-Xylene	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
Tetrahydrofuran (THF)	<0.50	*+	0.50	mg/Kg	☆	05/27/25 19:33	1	DGM
Diethyl ether	<0.050		0.050	mg/Kg	☆	05/27/25 19:33	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.10		0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.10		0.10	mg/Kg	☆	05/27/25 19:33	1	DGM
tert-Butyl alcohol (TBA)	<2.0		2.0	mg/Kg	☆	05/27/25 19:33	1	DGM
1,4-Dioxane	<1.0		1.0	mg/Kg	☆	05/27/25 19:33	1	DGM
Isopropyl Ether (DIPE)	<0.10	*+	0.10	mg/Kg	☆	05/27/25 19:33	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	100		70 - 130	05/27/25 19:33	1	DGM
Toluene-d8 (Surr)	98		70 - 130	05/27/25 19:33	1	DGM
1,2-Dichloroethane-d4 (Surr)	104		70 - 130	05/27/25 19:33	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	99		70 - 130	05/27/25 19:33	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-I

Lab Sample ID: 475-4842-8

Date Collected: 05/16/25 11:10

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 67.2

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<3.5		3.5	mg/Kg	☆	05/23/25 02:54	1	DGM
Benzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Bromobenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Bromochloromethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Bromodichloromethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Bromoform	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Bromomethane	<0.35		0.35	mg/Kg	☆	05/23/25 02:54	1	DGM
2-Butanone (MEK)	<0.88		0.88	mg/Kg	☆	05/23/25 02:54	1	DGM
n-Butylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
sec-Butylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
tert-Butylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Carbon disulfide	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
Carbon tetrachloride	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Chlorobenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Chloroethane	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
Chloroform	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Chloromethane	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
2-Chlorotoluene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
4-Chlorotoluene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2-Dibromo-3-Chloropropane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Dibromochloromethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2-Dibromoethane (EDB)	<0.035		0.035	mg/Kg	☆	05/23/25 02:54	1	DGM
Dibromomethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2-Dichlorobenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,3-Dichlorobenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,4-Dichlorobenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Dichlorodifluoromethane	<0.18	++	0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
1,1-Dichloroethane	<0.088	++	0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2-Dichloroethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,1-Dichloroethene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
cis-1,2-Dichloroethene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
trans-1,2-Dichloroethene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2-Dichloropropane	<0.088	++	0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,3-Dichloropropane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
2,2-Dichloropropane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,1-Dichloropropene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
cis-1,3-Dichloropropene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
trans-1,3-Dichloropropene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Ethylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Hexachlorobutadiene	<0.088	++	0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
2-Hexanone	<0.18	++	0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
Isopropylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
p-Isopropyltoluene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.88		0.88	mg/Kg	☆	05/23/25 02:54	1	DGM
Methylene Chloride	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
Naphthalene	<0.18	++	0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
N-Propylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Styrene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM

Eurofins Concord

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-I

Lab Sample ID: 475-4842-8

Date Collected: 05/16/25 11:10

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 67.2

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1,2-Tetrachloroethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,1,2,2-Tetrachloroethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Tetrachloroethene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Toluene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2,3-Trichlorobenzene	<0.088	*+	0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2,4-Trichlorobenzene	<0.088	*+	0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,3,5-Trichlorobenzene	<0.088	*+ *1	0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,1,1-Trichloroethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,1,2-Trichloroethane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Trichloroethene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Trichlorofluoromethane	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2,3-Trichloropropane	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,2,4-Trimethylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
1,3,5-Trimethylbenzene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Vinyl chloride	<0.035		0.035	mg/Kg	☆	05/23/25 02:54	1	DGM
m,p-Xylene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
o-Xylene	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
Tetrahydrofuran (THF)	<0.88	*+	0.88	mg/Kg	☆	05/23/25 02:54	1	DGM
Diethyl ether	<0.088		0.088	mg/Kg	☆	05/23/25 02:54	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.18		0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
tert-Butyl alcohol (TBA)	<3.5		3.5	mg/Kg	☆	05/23/25 02:54	1	DGM
1,4-Dioxane	<1.8		1.8	mg/Kg	☆	05/23/25 02:54	1	DGM
Isopropyl Ether (DIPE)	<0.18	*+	0.18	mg/Kg	☆	05/23/25 02:54	1	DGM
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	98		70 - 130			05/23/25 02:54	1	DGM
Toluene-d8 (Surr)	99		70 - 130			05/23/25 02:54	1	DGM
1,2-Dichloroethane-d4 (Surr)	123		70 - 130			05/23/25 02:54	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130			05/23/25 02:54	1	DGM

Client Sample ID: GAC-Sed-J

Lab Sample ID: 475-4842-9

Date Collected: 05/16/25 11:25

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 75.5

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<1.9		1.9	mg/Kg	☆	05/23/25 03:19	1	DGM
Benzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Bromobenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Bromochloromethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Bromodichloromethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Bromoform	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Bromomethane	<0.19		0.19	mg/Kg	☆	05/23/25 03:19	1	DGM
2-Butanone (MEK)	<0.47		0.47	mg/Kg	☆	05/23/25 03:19	1	DGM
n-Butylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
sec-Butylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
tert-Butylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Carbon disulfide	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
Carbon tetrachloride	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-J

Lab Sample ID: 475-4842-9

Date Collected: 05/16/25 11:25

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 75.5

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chlorobenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Chloroethane	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
Chloroform	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Chloromethane	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
2-Chlorotoluene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
4-Chlorotoluene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2-Dibromo-3-Chloropropane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Dibromochloromethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2-Dibromoethane (EDB)	<0.019		0.019	mg/Kg	☆	05/23/25 03:19	1	DGM
Dibromomethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2-Dichlorobenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,3-Dichlorobenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,4-Dichlorobenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Dichlorodifluoromethane	<0.094	*+	0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1-Dichloroethane	<0.047	*+	0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2-Dichloroethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1-Dichloroethene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
cis-1,2-Dichloroethene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
trans-1,2-Dichloroethene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2-Dichloropropane	<0.047	*+	0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,3-Dichloropropane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
2,2-Dichloropropane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1-Dichloropropene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
cis-1,3-Dichloropropene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
trans-1,3-Dichloropropene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Ethylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Hexachlorobutadiene	<0.047	*+	0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
2-Hexanone	<0.094	*+	0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
Isopropylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
p-Isopropyltoluene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.47		0.47	mg/Kg	☆	05/23/25 03:19	1	DGM
Methylene Chloride	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
Naphthalene	<0.094	*+	0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
N-Propylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Styrene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1,1,2-Tetrachloroethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1,1,2,2-Tetrachloroethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Tetrachloroethene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Toluene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2,3-Trichlorobenzene	<0.047	*+	0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2,4-Trichlorobenzene	<0.047	*+	0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,3,5-Trichlorobenzene	<0.047	*+ *1	0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1,1-Trichloroethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,1,2-Trichloroethane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Trichloroethene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Trichlorofluoromethane	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2,3-Trichloropropane	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
1,2,4-Trimethylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Sed-J

Lab Sample ID: 475-4842-9

Date Collected: 05/16/25 11:25

Matrix: Solid

Date Received: 05/20/25 11:38

Percent Solids: 75.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)								
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,3,5-Trimethylbenzene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Vinyl chloride	<0.019		0.019	mg/Kg	☆	05/23/25 03:19	1	DGM
m,p-Xylene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
o-Xylene	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
Tetrahydrofuran (THF)	<0.47	+	0.47	mg/Kg	☆	05/23/25 03:19	1	DGM
Diethyl ether	<0.047		0.047	mg/Kg	☆	05/23/25 03:19	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.094		0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
tert-Butyl alcohol (TBA)	<1.9		1.9	mg/Kg	☆	05/23/25 03:19	1	DGM
1,4-Dioxane	<0.94		0.94	mg/Kg	☆	05/23/25 03:19	1	DGM
Isopropyl Ether (DIPE)	<0.094	+	0.094	mg/Kg	☆	05/23/25 03:19	1	DGM
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	99		70 - 130			05/23/25 03:19	1	DGM
Toluene-d8 (Surr)	99		70 - 130			05/23/25 03:19	1	DGM
1,2-Dichloroethane-d4 (Surr)	123		70 - 130			05/23/25 03:19	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	110		70 - 130			05/23/25 03:19	1	DGM

Client Sample ID: GAC-BM-A

Lab Sample ID: 475-4842-10

Date Collected: 05/16/25 07:35

Matrix: Solid

Date Received: 05/20/25 11:38

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography								
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
PCB-1016	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1221	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1232	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1242	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1248	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1254	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1260	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1262	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
PCB-1268	<1.7		1.7	mg/Kg		05/21/25 13:19	1	MB
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	100		30 - 150			05/21/25 13:19	1	MB
DCB Decachlorobiphenyl (Surr)	96		30 - 150			05/21/25 13:19	1	MB

Client Sample ID: GAC-BM-B

Lab Sample ID: 475-4842-11

Date Collected: 05/16/25 06:55

Matrix: Solid

Date Received: 05/20/25 11:38

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography								
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
PCB-1016	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1221	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1232	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1242	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1248	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1254	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1260	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-BM-B

Date Collected: 05/16/25 06:55

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-11

Matrix: Solid

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
PCB-1262	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
PCB-1268	<2.0		2.0	mg/Kg		05/21/25 13:29	1	MB
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	94		30 - 150			05/21/25 13:29	1	MB
DCB Decachlorobiphenyl (Surr)	84		30 - 150			05/21/25 13:29	1	MB

Client Sample ID: GAC-BM-C

Date Collected: 05/16/25 07:15

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-12

Matrix: Solid

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
PCB-1016	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1221	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1232	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1242	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1248	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1254	3300		500	mg/Kg		05/21/25 14:08	500	MB
PCB-1260	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1262	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
PCB-1268	<1.0		1.0	mg/Kg		05/21/25 13:38	1	MB
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	93		30 - 150			05/21/25 13:38	1	MB
DCB Decachlorobiphenyl (Surr)	97		30 - 150			05/21/25 13:38	1	MB

Client Sample ID: GAC-BM-D

Date Collected: 05/16/25 07:05

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-13

Matrix: Solid

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
PCB-1016	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1221	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1232	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1242	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1248	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1254	1.9		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1260	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1262	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
PCB-1268	<1.5		1.5	mg/Kg		05/21/25 13:48	1	MB
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	92		30 - 150			05/21/25 13:48	1	MB
DCB Decachlorobiphenyl (Surr)	88		30 - 150			05/21/25 13:48	1	MB

Eurofins Concord

Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Water-A

Lab Sample ID: 475-4842-14

Date Collected: 05/16/25 06:30

Matrix: Water

Date Received: 05/20/25 11:38

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/21/25 04:59	1	AMF
Benzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
Bromoform	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/21/25 04:59	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
Chloroform	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
2-Hexanone	<10		10	ug/L		05/21/25 04:59	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/21/25 04:59	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Styrene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Water-A

Date Collected: 05/16/25 06:30

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Toluene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Trichloroethene	3.1		1.0	ug/L		05/21/25 04:59	1	AMF
Trichlorofluoromethane	<2.0	+	2.0	ug/L		05/21/25 04:59	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/21/25 04:59	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/21/25 04:59	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/21/25 04:59	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/21/25 04:59	1	AMF
1,4-Dioxane	<50		50	ug/L		05/21/25 04:59	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/21/25 04:59	1	AMF
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	105		70 - 130			05/21/25 04:59	1	AMF
Toluene-d8 (Surr)	90		70 - 130			05/21/25 04:59	1	AMF
1,2-Dichloroethane-d4 (Surr)	106		70 - 130			05/21/25 04:59	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	99		70 - 130			05/21/25 04:59	1	AMF

Client Sample ID: GAC-Water-B

Date Collected: 05/16/25 06:35

Date Received: 05/20/25 11:38

Lab Sample ID: 475-4842-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/21/25 05:24	1	AMF
Benzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
Bromoform	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/21/25 05:24	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF

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Client Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Client Sample ID: GAC-Water-B

Lab Sample ID: 475-4842-15

Date Collected: 05/16/25 06:35

Matrix: Water

Date Received: 05/20/25 11:38

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

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chlorobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
Chloroform	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
2-Hexanone	<10		10	ug/L		05/21/25 05:24	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/21/25 05:24	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Styrene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Toluene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF
Trichloroethene	3.1		1.0	ug/L		05/21/25 05:24	1	AMF
Trichlorofluoromethane	<2.0	+	2.0	ug/L		05/21/25 05:24	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/21/25 05:24	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF

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Client Sample ID: GAC-Water-B

Lab Sample ID: 475-4842-15

Date Collected: 05/16/25 06:35

Matrix: Water

Date Received: 05/20/25 11:38

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst	
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF	
Vinyl chloride	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF	
m,p-Xylene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF	
o-Xylene	<1.0		1.0	ug/L		05/21/25 05:24	1	AMF	
Tetrahydrofuran (THF)	<10		10	ug/L		05/21/25 05:24	1	AMF	
Diethyl ether	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF	
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF	
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF	
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/21/25 05:24	1	AMF	
1,4-Dioxane	<50		50	ug/L		05/21/25 05:24	1	AMF	
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/21/25 05:24	1	AMF	
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst	
4-Bromofluorobenzene (Surr)	104		70 - 130			05/21/25 05:24	1	AMF	
Toluene-d8 (Surr)	89		70 - 130			05/21/25 05:24	1	AMF	
1,2-Dichloroethane-d4 (Surr)	108		70 - 130			05/21/25 05:24	1	AMF	
1,2-Dichlorobenzene-d4 (Surr)	101		70 - 130			05/21/25 05:24	1	AMF	

QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: MB 475-5777/5

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	ug/L			05/20/25 22:26	1
Benzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Bromobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Bromochloromethane	<1.0		1.0	ug/L			05/20/25 22:26	1
Bromodichloromethane	<0.50		0.50	ug/L			05/20/25 22:26	1
Bromoform	<2.0		2.0	ug/L			05/20/25 22:26	1
Bromomethane	<2.0		2.0	ug/L			05/20/25 22:26	1
2-Butanone (MEK)	<10		10	ug/L			05/20/25 22:26	1
n-Butylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
sec-Butylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
tert-Butylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Carbon disulfide	<2.0		2.0	ug/L			05/20/25 22:26	1
Carbon tetrachloride	<1.0		1.0	ug/L			05/20/25 22:26	1
Chlorobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Chloroethane	<2.0		2.0	ug/L			05/20/25 22:26	1
Chloroform	<1.0		1.0	ug/L			05/20/25 22:26	1
Chloromethane	<2.0		2.0	ug/L			05/20/25 22:26	1
2-Chlorotoluene	<1.0		1.0	ug/L			05/20/25 22:26	1
4-Chlorotoluene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L			05/20/25 22:26	1
Dibromochloromethane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L			05/20/25 22:26	1
Dibromomethane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Dichlorodifluoromethane	<2.0		2.0	ug/L			05/20/25 22:26	1
1,1-Dichloroethane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,2-Dichloroethane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,1-Dichloroethene	<0.50		0.50	ug/L			05/20/25 22:26	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			05/20/25 22:26	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,2-Dichloropropane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,3-Dichloropropane	<1.0		1.0	ug/L			05/20/25 22:26	1
2,2-Dichloropropane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,1-Dichloropropene	<1.0		1.0	ug/L			05/20/25 22:26	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			05/20/25 22:26	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			05/20/25 22:26	1
Ethylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Hexachlorobutadiene	<0.50		0.50	ug/L			05/20/25 22:26	1
2-Hexanone	<10		10	ug/L			05/20/25 22:26	1
Isopropylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
p-Isopropyltoluene	<1.0		1.0	ug/L			05/20/25 22:26	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			05/20/25 22:26	1
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L			05/20/25 22:26	1
Methylene Chloride	<1.0		1.0	ug/L			05/20/25 22:26	1
Naphthalene	<2.0		2.0	ug/L			05/20/25 22:26	1
N-Propylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: MB 475-5777/5

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			05/20/25 22:26	1
Tetrachloroethene	<1.0		1.0	ug/L			05/20/25 22:26	1
Toluene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L			05/20/25 22:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			05/20/25 22:26	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			05/20/25 22:26	1
Trichloroethene	<1.0		1.0	ug/L			05/20/25 22:26	1
Trichlorofluoromethane	<2.0		2.0	ug/L			05/20/25 22:26	1
1,2,3-Trichloropropane	<0.50		0.50	ug/L			05/20/25 22:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			05/20/25 22:26	1
Vinyl chloride	<1.0		1.0	ug/L			05/20/25 22:26	1
m,p-Xylene	<1.0		1.0	ug/L			05/20/25 22:26	1
o-Xylene	<1.0		1.0	ug/L			05/20/25 22:26	1
Tetrahydrofuran (THF)	<10		10	ug/L			05/20/25 22:26	1
Diethyl ether	<2.0		2.0	ug/L			05/20/25 22:26	1
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L			05/20/25 22:26	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			05/20/25 22:26	1
tert-Butyl alcohol (TBA)	<30		30	ug/L			05/20/25 22:26	1
1,4-Dioxane	<50		50	ug/L			05/20/25 22:26	1
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L			05/20/25 22:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		05/20/25 22:26	1
Toluene-d8 (Surr)	90		70 - 130		05/20/25 22:26	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		05/20/25 22:26	1
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130		05/20/25 22:26	1

Lab Sample ID: LCS 475-5777/2

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	21.5		ug/L		108	40 - 160
Benzene	20.0	24.5		ug/L		123	70 - 130
Bromobenzene	20.0	19.2		ug/L		96	70 - 130
Bromochloromethane	20.0	24.7		ug/L		123	70 - 130
Bromodichloromethane	20.0	23.6		ug/L		118	70 - 130
Bromoform	20.0	20.6		ug/L		103	70 - 130
Bromomethane	20.0	18.7		ug/L		94	40 - 160
2-Butanone (MEK)	20.0	22.2		ug/L		111	40 - 160
n-Butylbenzene	20.0	18.7		ug/L		93	70 - 130
sec-Butylbenzene	20.0	19.6		ug/L		98	70 - 130
tert-Butylbenzene	20.0	18.8		ug/L		94	70 - 130

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCS 475-5777/2

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	20.0	20.7		ug/L		103	70 - 130
Carbon tetrachloride	20.0	25.0		ug/L		125	70 - 130
Chlorobenzene	20.0	20.6		ug/L		103	70 - 130
Chloroethane	20.0	23.0		ug/L		115	70 - 130
Chloroform	20.0	24.0		ug/L		120	70 - 130
Chloromethane	20.0	24.8		ug/L		124	40 - 160
2-Chlorotoluene	20.0	19.1		ug/L		96	70 - 130
4-Chlorotoluene	20.0	19.1		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	70 - 130
Dibromochloromethane	20.0	19.8		ug/L		99	70 - 130
1,2-Dibromoethane (EDB)	20.0	20.0		ug/L		100	70 - 130
Dibromomethane	20.0	24.1		ug/L		121	70 - 130
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	70 - 130
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	70 - 130
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130
Dichlorodifluoromethane	20.0	30.8		ug/L		154	40 - 160
1,1-Dichloroethane	20.0	24.5		ug/L		123	70 - 130
1,2-Dichloroethane	20.0	24.2		ug/L		121	70 - 130
1,1-Dichloroethene	20.0	23.2		ug/L		116	70 - 130
cis-1,2-Dichloroethene	20.0	23.7		ug/L		118	70 - 130
trans-1,2-Dichloroethene	20.0	23.2		ug/L		116	70 - 130
1,2-Dichloropropane	20.0	24.6		ug/L		123	70 - 130
1,3-Dichloropropane	20.0	19.4		ug/L		97	70 - 130
2,2-Dichloropropane	20.0	22.8		ug/L		114	70 - 130
1,1-Dichloropropene	20.0	24.8		ug/L		124	70 - 130
cis-1,3-Dichloropropene	20.0	23.2		ug/L		116	70 - 130
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130
Ethylbenzene	20.0	20.5		ug/L		103	70 - 130
Hexachlorobutadiene	20.0	16.2		ug/L		81	70 - 130
2-Hexanone	20.0	19.1		ug/L		96	40 - 160
Isopropylbenzene	20.0	18.4		ug/L		92	70 - 130
p-Isopropyltoluene	20.0	19.5		ug/L		97	70 - 130
Methyl-t-Butyl Ether (MTBE)	20.0	23.1		ug/L		115	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	22.2		ug/L		111	40 - 160
Methylene Chloride	20.0	23.3		ug/L		116	70 - 130
Naphthalene	20.0	15.9		ug/L		79	70 - 130
N-Propylbenzene	20.0	18.8		ug/L		94	70 - 130
Styrene	20.0	21.0		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	20.0	20.8		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		93	70 - 130
Tetrachloroethene	20.0	20.2		ug/L		101	70 - 130
Toluene	20.0	20.2		ug/L		101	70 - 130
1,2,3-Trichlorobenzene	20.0	15.8		ug/L		79	70 - 130
1,2,4-Trichlorobenzene	20.0	16.8		ug/L		84	70 - 130
1,3,5-Trichlorobenzene	20.0	19.0		ug/L		95	70 - 130
1,1,1-Trichloroethane	20.0	24.2		ug/L		121	70 - 130
1,1,2-Trichloroethane	20.0	20.3		ug/L		102	70 - 130
Trichloroethene	20.0	24.7		ug/L		124	70 - 130
Trichlorofluoromethane	20.0	26.3	+	ug/L		131	70 - 130

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCS 475-5777/2

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	20.0	17.6		ug/L		88	70 - 130
1,2,4-Trimethylbenzene	20.0	18.9		ug/L		95	70 - 130
1,3,5-Trimethylbenzene	20.0	18.6		ug/L		93	70 - 130
Vinyl chloride	20.0	24.7		ug/L		123	70 - 130
m,p-Xylene	40.0	40.9		ug/L		102	70 - 130
o-Xylene	20.0	20.4		ug/L		102	70 - 130
Tetrahydrofuran (THF)	20.0	21.5		ug/L		107	70 - 130
Diethyl ether	20.0	24.7		ug/L		124	70 - 130
tert-Amyl Methyl Ether (TAME)	20.0	24.1		ug/L		121	70 - 130
Ethyl-t-butyl ether (ETBE)	20.0	24.3		ug/L		122	70 - 130
tert-Butyl alcohol (TBA)	100	112		ug/L		112	70 - 130
1,4-Dioxane	20.0	21.1	J	ug/L		105	40 - 160
Isopropyl Ether (DIPE)	20.0	23.2		ug/L		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
Toluene-d8 (Surr)	91		70 - 130
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130

Lab Sample ID: LCSD 475-5777/3

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	20.0	19.8		ug/L		99	40 - 160	8	20
Benzene	20.0	24.8		ug/L		124	70 - 130	1	20
Bromobenzene	20.0	19.5		ug/L		98	70 - 130	1	20
Bromochloromethane	20.0	24.6		ug/L		123	70 - 130	0	20
Bromodichloromethane	20.0	23.5		ug/L		117	70 - 130	1	20
Bromoform	20.0	20.6		ug/L		103	70 - 130	0	20
Bromomethane	20.0	21.7		ug/L		109	40 - 160	15	20
2-Butanone (MEK)	20.0	21.9		ug/L		109	40 - 160	1	20
n-Butylbenzene	20.0	18.9		ug/L		94	70 - 130	1	20
sec-Butylbenzene	20.0	19.8		ug/L		99	70 - 130	1	20
tert-Butylbenzene	20.0	19.1		ug/L		95	70 - 130	1	20
Carbon disulfide	20.0	20.8		ug/L		104	70 - 130	1	20
Carbon tetrachloride	20.0	25.2		ug/L		126	70 - 130	1	20
Chlorobenzene	20.0	20.7		ug/L		104	70 - 130	1	20
Chloroethane	20.0	22.6		ug/L		113	70 - 130	2	20
Chloroform	20.0	24.3		ug/L		121	70 - 130	1	20
Chloromethane	20.0	24.4		ug/L		122	40 - 160	2	20
2-Chlorotoluene	20.0	19.2		ug/L		96	70 - 130	0	20
4-Chlorotoluene	20.0	19.4		ug/L		97	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	20.0	17.5		ug/L		87	70 - 130	3	20
Dibromochloromethane	20.0	19.7		ug/L		98	70 - 130	1	20
1,2-Dibromoethane (EDB)	20.0	20.1		ug/L		100	70 - 130	0	20
Dibromomethane	20.0	24.2		ug/L		121	70 - 130	0	20

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCSD 475-5777/3

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene	20.0	19.9		ug/L		99	70 - 130	2	20
1,3-Dichlorobenzene	20.0	19.7		ug/L		98	70 - 130	1	20
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130	1	20
Dichlorodifluoromethane	20.0	30.0		ug/L		150	40 - 160	3	20
1,1-Dichloroethane	20.0	24.7		ug/L		124	70 - 130	1	20
1,2-Dichloroethane	20.0	24.4		ug/L		122	70 - 130	1	20
1,1-Dichloroethene	20.0	23.4		ug/L		117	70 - 130	1	20
cis-1,2-Dichloroethene	20.0	23.8		ug/L		119	70 - 130	1	20
trans-1,2-Dichloroethene	20.0	23.3		ug/L		117	70 - 130	1	20
1,2-Dichloropropane	20.0	24.7		ug/L		124	70 - 130	0	20
1,3-Dichloropropane	20.0	19.5		ug/L		97	70 - 130	0	20
2,2-Dichloropropane	20.0	22.7		ug/L		113	70 - 130	0	20
1,1-Dichloropropene	20.0	24.9		ug/L		124	70 - 130	0	20
cis-1,3-Dichloropropene	20.0	23.1		ug/L		116	70 - 130	0	20
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130	0	20
Ethylbenzene	20.0	20.4		ug/L		102	70 - 130	1	20
Hexachlorobutadiene	20.0	16.7		ug/L		84	70 - 130	3	20
2-Hexanone	20.0	19.1		ug/L		96	40 - 160	0	20
Isopropylbenzene	20.0	18.5		ug/L		92	70 - 130	0	20
p-Isopropyltoluene	20.0	19.7		ug/L		99	70 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	20.0	23.1		ug/L		115	70 - 130	0	20
4-Methyl-2-pentanone (MIBK)	20.0	21.7		ug/L		109	40 - 160	2	20
Methylene Chloride	20.0	23.2		ug/L		116	70 - 130	0	20
Naphthalene	20.0	16.3		ug/L		82	70 - 130	3	20
N-Propylbenzene	20.0	19.0		ug/L		95	70 - 130	1	20
Styrene	20.0	21.0		ug/L		105	70 - 130	0	20
1,1,1,2-Tetrachloroethane	20.0	20.6		ug/L		103	70 - 130	1	20
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	70 - 130	2	20
Tetrachloroethene	20.0	20.4		ug/L		102	70 - 130	1	20
Toluene	20.0	20.6		ug/L		103	70 - 130	2	20
1,2,3-Trichlorobenzene	20.0	16.3		ug/L		81	70 - 130	3	20
1,2,4-Trichlorobenzene	20.0	17.2		ug/L		86	70 - 130	2	20
1,3,5-Trichlorobenzene	20.0	19.3		ug/L		96	70 - 130	2	20
1,1,1-Trichloroethane	20.0	24.3		ug/L		121	70 - 130	0	20
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130	1	20
Trichloroethene	20.0	24.6		ug/L		123	70 - 130	0	20
Trichlorofluoromethane	20.0	25.8		ug/L		129	70 - 130	2	20
1,2,3-Trichloropropane	20.0	18.0		ug/L		90	70 - 130	2	20
1,2,4-Trimethylbenzene	20.0	19.2		ug/L		96	70 - 130	1	20
1,3,5-Trimethylbenzene	20.0	18.9		ug/L		94	70 - 130	1	20
Vinyl chloride	20.0	24.4		ug/L		122	70 - 130	1	20
m,p-Xylene	40.0	40.9		ug/L		102	70 - 130	0	20
o-Xylene	20.0	20.6		ug/L		103	70 - 130	1	20
Tetrahydrofuran (THF)	20.0	21.1		ug/L		105	70 - 130	2	20
Diethyl ether	20.0	24.0		ug/L		120	70 - 130	3	20
tert-Amyl Methyl Ether (TAME)	20.0	24.1		ug/L		121	70 - 130	0	20
Ethyl-t-butyl ether (ETBE)	20.0	24.8		ug/L		124	70 - 130	2	20
tert-Butyl alcohol (TBA)	100	114		ug/L		114	70 - 130	2	20
1,4-Dioxane	20.0	21.1	J	ug/L		106	40 - 160	0	20

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCSD 475-5777/3

Matrix: Water

Analysis Batch: 5777

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropyl Ether (DIPE)	20.0	23.5		ug/L		118	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
Toluene-d8 (Surr)	92		70 - 130
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130

Lab Sample ID: MB 475-5807/1-A

Matrix: Solid

Analysis Batch: 5950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5807

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<2.0		2.0	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Benzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Bromobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Bromochloromethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Bromodichloromethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Bromoform	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Bromomethane	<0.20		0.20	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
2-Butanone (MEK)	<0.50		0.50	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
n-Butylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
sec-Butylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
tert-Butylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Carbon disulfide	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Carbon tetrachloride	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Chlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Chloroethane	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Chloroform	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Chloromethane	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
2-Chlorotoluene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
4-Chlorotoluene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2-Dibromo-3-Chloropropane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Dibromochloromethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2-Dibromoethane (EDB)	<0.020		0.020	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Dibromomethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2-Dichlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,3-Dichlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,4-Dichlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Dichlorodifluoromethane	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,1-Dichloroethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2-Dichloroethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,1-Dichloroethene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
cis-1,2-Dichloroethene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
trans-1,2-Dichloroethene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2-Dichloropropane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,3-Dichloropropane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
2,2-Dichloropropane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: MB 475-5807/1-A

Matrix: Solid

Analysis Batch: 5950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5807

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
cis-1,3-Dichloropropene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
trans-1,3-Dichloropropene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Ethylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Hexachlorobutadiene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
2-Hexanone	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Isopropylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
p-Isopropyltoluene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Methyl-t-Butyl Ether (MTBE)	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
4-Methyl-2-pentanone (MIBK)	<0.50		0.50	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Methylene Chloride	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Naphthalene	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
N-Propylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Styrene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,1,1,2-Tetrachloroethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,1,2,2-Tetrachloroethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Tetrachloroethene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Toluene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2,3-Trichlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2,4-Trichlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,3,5-Trichlorobenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,1,1-Trichloroethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,1,2-Trichloroethane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Trichloroethene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Trichlorofluoromethane	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2,3-Trichloropropane	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,2,4-Trimethylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,3,5-Trimethylbenzene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Vinyl chloride	<0.020		0.020	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
m,p-Xylene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
o-Xylene	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Tetrahydrofuran (THF)	<0.50		0.50	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Diethyl ether	<0.050		0.050	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
tert-Amyl Methyl Ether (TAME)	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Ethyl-t-butyl ether (ETBE)	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
tert-Butyl alcohol (TBA)	<2.0		2.0	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
1,4-Dioxane	<1.0		1.0	mg/Kg		05/22/25 10:01	05/22/25 23:12	1
Isopropyl Ether (DIPE)	<0.10		0.10	mg/Kg		05/22/25 10:01	05/22/25 23:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/22/25 10:01	05/22/25 23:12	1
Toluene-d8 (Surr)	99		70 - 130	05/22/25 10:01	05/22/25 23:12	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 130	05/22/25 10:01	05/22/25 23:12	1
1,2-Dichlorobenzene-d4 (Surr)	99		70 - 130	05/22/25 10:01	05/22/25 23:12	1

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCS 475-5807/2-A

Matrix: Solid

Analysis Batch: 5950

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	1.00	1.30	J	mg/Kg		130	40 - 160
Benzene	1.00	1.15		mg/Kg		115	66 - 142
Bromobenzene	1.00	1.20		mg/Kg		120	70 - 130
Bromochloromethane	1.00	0.990		mg/Kg		99	70 - 130
Bromodichloromethane	1.00	1.07		mg/Kg		107	70 - 130
Bromoform	1.00	1.15		mg/Kg		115	70 - 130
Bromomethane	1.00	0.883		mg/Kg		88	40 - 160
2-Butanone (MEK)	1.00	1.57		mg/Kg		157	40 - 160
n-Butylbenzene	1.00	1.27		mg/Kg		127	70 - 130
sec-Butylbenzene	1.00	1.24		mg/Kg		124	70 - 130
tert-Butylbenzene	1.00	1.10		mg/Kg		110	70 - 130
Carbon disulfide	1.00	0.878		mg/Kg		88	70 - 130
Carbon tetrachloride	1.00	1.13		mg/Kg		113	70 - 130
Chlorobenzene	1.00	1.07		mg/Kg		107	60 - 133
Chloroethane	1.00	1.09		mg/Kg		109	70 - 130
Chloroform	1.00	1.14		mg/Kg		114	70 - 130
Chloromethane	1.00	1.59		mg/Kg		159	40 - 160
2-Chlorotoluene	1.00	1.15		mg/Kg		115	70 - 130
4-Chlorotoluene	1.00	1.17		mg/Kg		117	70 - 130
1,2-Dibromo-3-Chloropropane	1.00	1.08		mg/Kg		108	70 - 130
Dibromochloromethane	1.00	1.05		mg/Kg		105	70 - 130
1,2-Dibromoethane (EDB)	1.00	1.11		mg/Kg		111	70 - 130
Dibromomethane	1.00	1.11		mg/Kg		111	70 - 130
1,2-Dichlorobenzene	1.00	1.06		mg/Kg		106	70 - 130
1,3-Dichlorobenzene	1.00	1.07		mg/Kg		107	70 - 130
1,4-Dichlorobenzene	1.00	1.06		mg/Kg		106	70 - 130
Dichlorodifluoromethane	1.00	1.88	*+	mg/Kg		188	40 - 160
1,1-Dichloroethane	1.00	1.32	*+	mg/Kg		132	70 - 130
1,2-Dichloroethane	1.00	1.18		mg/Kg		118	70 - 130
1,1-Dichloroethene	1.00	0.879		mg/Kg		88	59 - 172
cis-1,2-Dichloroethene	1.00	1.27		mg/Kg		127	70 - 130
trans-1,2-Dichloroethene	1.00	1.08		mg/Kg		108	70 - 130
1,2-Dichloropropane	1.00	1.35	*+	mg/Kg		135	70 - 130
1,3-Dichloropropane	1.00	1.17		mg/Kg		117	70 - 130
2,2-Dichloropropane	1.00	1.18		mg/Kg		118	70 - 130
1,1-Dichloropropene	1.00	1.25		mg/Kg		125	70 - 130
cis-1,3-Dichloropropene	1.00	1.19		mg/Kg		119	70 - 130
trans-1,3-Dichloropropene	1.00	1.26		mg/Kg		126	70 - 130
Ethylbenzene	1.00	1.18		mg/Kg		118	70 - 130
Hexachlorobutadiene	1.00	1.27		mg/Kg		127	70 - 130
2-Hexanone	1.00	1.66	*+	mg/Kg		166	40 - 160
Isopropylbenzene	1.00	1.04		mg/Kg		104	70 - 130
p-Isopropyltoluene	1.00	1.18		mg/Kg		118	70 - 130
Methyl-t-Butyl Ether (MTBE)	1.00	0.947		mg/Kg		95	70 - 130
4-Methyl-2-pentanone (MIBK)	1.00	1.40		mg/Kg		140	40 - 160
Methylene Chloride	1.00	0.922		mg/Kg		92	70 - 130
Naphthalene	1.00	1.13		mg/Kg		113	70 - 130
N-Propylbenzene	1.00	1.21		mg/Kg		121	70 - 130

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCS 475-5807/2-A

Matrix: Solid

Analysis Batch: 5950

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	1.00	1.15		mg/Kg		115	70 - 130
1,1,1,2-Tetrachloroethane	1.00	1.10		mg/Kg		110	70 - 130
1,1,2,2-Tetrachloroethane	1.00	1.17		mg/Kg		117	70 - 130
Tetrachloroethene	1.00	1.04		mg/Kg		104	70 - 130
Toluene	1.00	1.14		mg/Kg		114	59 - 139
1,2,3-Trichlorobenzene	1.00	1.16		mg/Kg		116	70 - 130
1,2,4-Trichlorobenzene	1.00	1.08		mg/Kg		108	70 - 130
1,3,5-Trichlorobenzene	1.00	1.11		mg/Kg		111	70 - 130
1,1,1-Trichloroethane	1.00	1.13		mg/Kg		113	70 - 130
1,1,2-Trichloroethane	1.00	1.11		mg/Kg		111	70 - 130
Trichloroethene	1.00	1.18		mg/Kg		118	62 - 137
Trichlorofluoromethane	1.00	1.18		mg/Kg		118	70 - 130
1,2,3-Trichloropropane	1.00	1.07		mg/Kg		107	70 - 130
1,2,4-Trimethylbenzene	1.00	1.12		mg/Kg		112	70 - 130
1,3,5-Trimethylbenzene	1.00	1.07		mg/Kg		107	70 - 130
Vinyl chloride	1.00	1.02		mg/Kg		102	70 - 130
m,p-Xylene	2.00	2.37		mg/Kg		119	70 - 130
o-Xylene	1.00	1.14		mg/Kg		114	70 - 130
Tetrahydrofuran (THF)	1.00	1.59	*+	mg/Kg		159	70 - 130
Diethyl ether	1.00	1.06		mg/Kg		106	70 - 130
tert-Amyl Methyl Ether (TAME)	1.00	1.12		mg/Kg		112	70 - 130
Ethyl-t-butyl ether (ETBE)	1.00	1.25		mg/Kg		125	70 - 130
tert-Butyl alcohol (TBA)	5.00	6.34		mg/Kg		127	40 - 160
1,4-Dioxane	1.00	1.43		mg/Kg		143	40 - 160
Isopropyl Ether (DIPE)	1.00	1.48	*+	mg/Kg		148	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
Toluene-d8 (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
1,2-Dichlorobenzene-d4 (Surr)	99		70 - 130

Lab Sample ID: LCSD 475-5807/3-A

Matrix: Solid

Analysis Batch: 5950

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	1.00	1.28	J	mg/Kg		128	40 - 160	1	20
Benzene	1.00	1.15		mg/Kg		115	66 - 142	0	20
Bromobenzene	1.00	1.15		mg/Kg		115	70 - 130	4	20
Bromochloromethane	1.00	0.979		mg/Kg		98	70 - 130	1	20
Bromodichloromethane	1.00	1.05		mg/Kg		105	70 - 130	2	20
Bromoform	1.00	1.16		mg/Kg		116	70 - 130	1	20
Bromomethane	1.00	0.944		mg/Kg		94	40 - 160	7	20
2-Butanone (MEK)	1.00	1.56		mg/Kg		156	40 - 160	1	20
n-Butylbenzene	1.00	1.27		mg/Kg		127	70 - 130	0	20
sec-Butylbenzene	1.00	1.21		mg/Kg		121	70 - 130	2	20
tert-Butylbenzene	1.00	1.06		mg/Kg		106	70 - 130	4	20

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QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

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

Lab Sample ID: LCSD 475-5807/3-A

Matrix: Solid

Analysis Batch: 5950

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide	1.00	0.865		mg/Kg		86	70 - 130	1	20
Carbon tetrachloride	1.00	1.11		mg/Kg		111	70 - 130	2	20
Chlorobenzene	1.00	1.06		mg/Kg		106	60 - 133	0	20
Chloroethane	1.00	1.10		mg/Kg		110	70 - 130	1	20
Chloroform	1.00	1.13		mg/Kg		113	70 - 130	1	20
Chloromethane	1.00	1.58		mg/Kg		158	40 - 160	0	20
2-Chlorotoluene	1.00	1.11		mg/Kg		111	70 - 130	4	20
4-Chlorotoluene	1.00	1.13		mg/Kg		113	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	1.00	1.23		mg/Kg		123	70 - 130	13	20
Dibromochloromethane	1.00	1.05		mg/Kg		105	70 - 130	0	20
1,2-Dibromoethane (EDB)	1.00	1.12		mg/Kg		112	70 - 130	1	20
Dibromomethane	1.00	1.09		mg/Kg		109	70 - 130	3	20
1,2-Dichlorobenzene	1.00	1.14		mg/Kg		114	70 - 130	7	20
1,3-Dichlorobenzene	1.00	1.11		mg/Kg		111	70 - 130	4	20
1,4-Dichlorobenzene	1.00	1.10		mg/Kg		110	70 - 130	4	20
Dichlorodifluoromethane	1.00	2.00	*+	mg/Kg		200	40 - 160	6	20
1,1-Dichloroethane	1.00	1.31	*+	mg/Kg		131	70 - 130	1	20
1,2-Dichloroethane	1.00	1.16		mg/Kg		116	70 - 130	1	20
1,1-Dichloroethene	1.00	0.926		mg/Kg		93	59 - 172	5	20
cis-1,2-Dichloroethene	1.00	1.26		mg/Kg		126	70 - 130	1	20
trans-1,2-Dichloroethene	1.00	1.06		mg/Kg		106	70 - 130	1	20
1,2-Dichloropropane	1.00	1.32	*+	mg/Kg		132	70 - 130	2	20
1,3-Dichloropropane	1.00	1.17		mg/Kg		117	70 - 130	0	20
2,2-Dichloropropane	1.00	1.14		mg/Kg		114	70 - 130	3	20
1,1-Dichloropropene	1.00	1.23		mg/Kg		123	70 - 130	2	20
cis-1,3-Dichloropropene	1.00	1.16		mg/Kg		116	70 - 130	2	20
trans-1,3-Dichloropropene	1.00	1.26		mg/Kg		126	70 - 130	0	20
Ethylbenzene	1.00	1.17		mg/Kg		117	70 - 130	1	20
Hexachlorobutadiene	1.00	1.51	*+	mg/Kg		151	70 - 130	18	20
2-Hexanone	1.00	1.69	*+	mg/Kg		169	40 - 160	2	20
Isopropylbenzene	1.00	1.05		mg/Kg		105	70 - 130	1	20
p-Isopropyltoluene	1.00	1.17		mg/Kg		117	70 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	1.00	0.942		mg/Kg		94	70 - 130	0	20
4-Methyl-2-pentanone (MIBK)	1.00	1.39		mg/Kg		139	40 - 160	1	20
Methylene Chloride	1.00	0.932		mg/Kg		93	70 - 130	1	20
Naphthalene	1.00	1.33	*+	mg/Kg		133	70 - 130	16	20
N-Propylbenzene	1.00	1.18		mg/Kg		118	70 - 130	3	20
Styrene	1.00	1.15		mg/Kg		115	70 - 130	0	20
1,1,1,2-Tetrachloroethane	1.00	1.10		mg/Kg		110	70 - 130	1	20
1,1,1,2,2-Tetrachloroethane	1.00	1.16		mg/Kg		116	70 - 130	0	20
Tetrachloroethene	1.00	1.03		mg/Kg		103	70 - 130	1	20
Toluene	1.00	1.13		mg/Kg		113	59 - 139	1	20
1,2,3-Trichlorobenzene	1.00	1.32	*+	mg/Kg		132	70 - 130	13	20
1,2,4-Trichlorobenzene	1.00	1.32	*+	mg/Kg		132	70 - 130	20	20
1,3,5-Trichlorobenzene	1.00	1.37	*+ *1	mg/Kg		137	70 - 130	21	20
1,1,1-Trichloroethane	1.00	1.11		mg/Kg		111	70 - 130	2	20
1,1,2-Trichloroethane	1.00	1.12		mg/Kg		112	70 - 130	1	20
Trichloroethene	1.00	1.14		mg/Kg		114	62 - 137	4	20
Trichlorofluoromethane	1.00	1.17		mg/Kg		117	70 - 130	1	20

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

Lab Sample ID: LCSD 475-5807/3-A				Client Sample ID: Lab Control Sample Dup						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 5950				Prep Batch: 5807						
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
1,2,3-Trichloropropane	1.00	1.05		mg/Kg		105	70 - 130	3	20	
1,2,4-Trimethylbenzene	1.00	1.09		mg/Kg		109	70 - 130	3	20	
1,3,5-Trimethylbenzene	1.00	1.02		mg/Kg		102	70 - 130	5	20	
Vinyl chloride	1.00	1.02		mg/Kg		102	70 - 130	0	20	
m,p-Xylene	2.00	2.35		mg/Kg		117	70 - 130	1	20	
o-Xylene	1.00	1.16		mg/Kg		116	70 - 130	2	20	
Tetrahydrofuran (THF)	1.00	1.59	*+	mg/Kg		159	70 - 130	1	20	
Diethyl ether	1.00	1.09		mg/Kg		109	70 - 130	3	20	
tert-Amyl Methyl Ether (TAME)	1.00	1.13		mg/Kg		113	70 - 130	1	20	
Ethyl-t-butyl ether (ETBE)	1.00	1.25		mg/Kg		125	70 - 130	0	20	
tert-Butyl alcohol (TBA)	5.00	6.39		mg/Kg		128	40 - 160	1	20	
1,4-Dioxane	1.00	1.37		mg/Kg		137	40 - 160	4	20	
Isopropyl Ether (DIPE)	1.00	1.45	*+	mg/Kg		145	70 - 130	2	20	
LCSD LCSD										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							
Toluene-d8 (Surr)	104		70 - 130							
1,2-Dichloroethane-d4 (Surr)	114		70 - 130							
1,2-Dichlorobenzene-d4 (Surr)	106		70 - 130							

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 475-5548/1-A					Client Sample ID: Method Blank				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 5758					Prep Batch: 5548				
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1221	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1232	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1242	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1248	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1254	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1260	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1262	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
PCB-1268	<0.017		0.017	mg/Kg		05/19/25 13:29	05/20/25 13:42	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Tetrachloro-m-xylene	88		30 - 150			05/19/25 13:29	05/20/25 13:42	1	
DCB Decachlorobiphenyl (Surr)	87		30 - 150			05/19/25 13:29	05/20/25 13:42	1	

Lab Sample ID: LCS 475-5548/2-A				Client Sample ID: Lab Control Sample						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 5758				Prep Batch: 5548						
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits			
PCB-1016	0.133	0.123		mg/Kg		92	40 - 140			
PCB-1260	0.133	0.134		mg/Kg		100	40 - 140			

QC Sample Results

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 475-5548/2-A
Matrix: Solid
Analysis Batch: 5758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5548

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	90		30 - 150
DCB Decachlorobiphenyl (Surr)	93		30 - 150

Lab Sample ID: LCSD 475-5548/3-A
Matrix: Solid
Analysis Batch: 5758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	0.133	0.123		mg/Kg		92	40 - 140	0	30
PCB-1260	0.133	0.127		mg/Kg		95	40 - 140	5	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	87		30 - 150
DCB Decachlorobiphenyl (Surr)	92		30 - 150

Accreditation/Certification and Definitions Summary

Client: Maine Environmental Laboratory LLC

Project/Site: ONE 20119

Job ID: 475-4842-1

Laboratory: Eurofins Concord

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

Authority	Program	Identification Number	Expiration Date
Maine	State	NH00005	04-06-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,3,5-Trichlorobenzene
8260D		Water	m,p-Xylene
8260D	5035	Solid	1,3,5-Trichlorobenzene
8260D	5035	Solid	m,p-Xylene
Moisture - 2540		Solid	Percent Solids

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

Accreditation/Certification and Definitions Summary

Client: Maine Environmental Laboratory LLC
Project/Site: ONE 20119

Job ID: 475-4842-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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EPA



475-4842 COC

Maine Environmental Laboratory - Subcontract Chain of Custody

Report To: J. Villinski

Email: sub-lab-reports@mel-lab.com

Phone: (207) 846-6569

Project: ONE 20119

Requested Due Date: 5/29/2025

Project	Customer Sample ID	Matrix	Collected	Notes
ONE	20119	GAC-Sed-A	SD - grab 5/16/2025 6:45	
			VOC - subcontracted	
ONE	20119	GAC-Sed-B	SD - grab 5/16/2025 7:30	
			VOC - subcontracted	
ONE	20119	GAC-Sed-C	SD - grab 5/16/2025 7:40	
			VOC - subcontracted	
ONE	20119	GAC-Sed-D	SD - grab 5/16/2025 7:45	
			VOC - subcontracted	

2.32

Report Format & Comments:

Quote: MEL3120101-25

☒ Standard
☐ Level II QC
☐ ME EGAD EDD
☐ NH DES EMD EDD

EDD Project Name:

Relinquished

Mark P 5/29/25 11:38

Relinquished

Mark P 5/29/25 09:06

Relinquished

Mark P 5/29/25 09:10

Received

Date, Time

Received

Date, Time

Received

Date, Time

1
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ELX



Maine Environmental Laboratory - Subcontract Chain of Custody

Report To: J. Villinski

Email: sub-lab-reports@mel-lab.com

Phone: (207) 846-6569

Project: ONE 20119

Requested Due Date: 5/29/2025

Project	Customer Sample ID	Matrix	Collected	Notes
ONE	20119	GAC-Sed-E	SD - grab 5/16/2025 7:55	
		VOC - subcontracted		
ONE	20119	GAC-Sed-G	SD - grab 5/16/2025 11:15	
		VOC - subcontracted		
ONE	20119	GAC-Sed-H	SD - grab 5/16/2025 11:05	
		VOC - subcontracted		
ONE	20119	GAC-Sed-I	SD - grab 5/16/2025 11:10	
		VOC - subcontracted		

2.3°C

Report Format & Comments:

Quote: *see pg 1*

☐ Standard
☐ Level II QC
☐ ME EGAD EDD
☐ EDD Project Name:
☐ NH DES EMD EDD

[Signature] 5/20/25 0906 Mark P 9:10
 Relinquished Date, Time Received
Mark P 5/20/25 11:38
 Relinquished Date, Time Received
 Relinquished Date, Time Received of 4



EM



Maine Environmental Laboratory - Subcontract Chain of Custody

Report To: J. Villinski

Email: sub-lab-reports@mel-lab.com

Phone: (207) 846-6569

Project: ONE 20119

Requested Due Date: 5/29/2025

Project	Customer Sample ID	Matrix	Collected	Notes
ONE	20119	GAC-Sed-J	5/16/2025 11:25	
		VOC - subcontracted		
ONE	20119	GAC-BM-A	5/16/2025 7:35	
		PCB - subcontracted		
ONE	20119	GAC-BM-B	5/16/2025 6:55	
		PCB - subcontracted		
ONE	20119	GAC-BM-C	5/16/2025 7:15	
		PCB - subcontracted		

2-32

Report Format & Comments:

Quote:

☐ Standard

☐ Level II QC

☐ ME EGAD EDD

EDD Project Name:

☐ NH DES EMD EDD

see pg 1

5/29/25 09:06 Mark P 9:10

Relinquished Date, Time

Relinquished Date, Time

Received

Received

Received 3 of 4

EPA

Maine Environmental Laboratory - Subcontract Chain of Custody

Report To: J. Villinski Email: sub-lab-reports@mel-lab.com Phone: (207) 846-6569
 Project: ONE 20119 Requested Due Date: 5/29/2025

Project	Customer Sample ID	Matrix	Collected	Notes
ONE	20119	GAC-BM-D	W	5/16/2025 7:05
		PCB - subcontracted		
ONE	20119	GAC-Water-A	WW - grab	5/16/2025 6:30
		VOC - subcontracted		
ONE	20119	GAC-Water-B	WW - grab	5/16/2025 6:35
		VOC - subcontracted		

Report Format & Comments:

Quote:

☐ Standard

☐ Level II QC

☐ ME EGAD EDD

EDD Project Name:

☐ NH DES EMD EDD

see pgs 1

2.32C

5/20/25 0906 Mark P 9:10

Relinquished Date, Time

Relinquished Date, Time

Relinquished Date, Time

Received

Received

Received

**Built Environment Testing**

Report for:

Sub Lab Reports
Maine Environmental Laboratory
One Main Street
Yarmouth, ME 04096

Regarding: Eurofins Built Environment Testing East, LLC
Project: ONE 20119
EML ID: 4082749

Approved by:

A handwritten signature in black ink, appearing to read "Frank Ehrenfeld", written over a light blue horizontal line.

Approved Signatory
Frank Ehrenfeld

Dates of Analysis:

Asbestos PLM (Layer %): 05-29-2025

Service SOPs: Asbestos PLM (Layer %) (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EB-AS-S-1267)
NVLAP Lab Code 101165-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins Built Environment Testing East, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins Built Environment Testing East, LLC
9000 Commerce Parkway, Suite B, Mount Laurel, NJ 08054
(856) 231-9449 www.eurofinsus.com/Built

Client: Maine Environmental Laboratory
C/O: Sub Lab Reports
Re: ONE 20119

Date of Receipt: 05-22-2025
Date of Report: 05-29-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
GAC-BM-A. 20358904-1	Layer 1 Black Tar Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
GAC-BM-B. 20358905-1	Layer 1 Black Tar Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
GAC-BM-D. 20358906-1	Layer 1 Black Tar Wrap Homogeneity:Good	20% Chrysotile	60% Non-Fibrous Material 20% Glass Fibers	

Comments:

Analyst(s): Maxamillian Roselli

The total percentage of sample components shown may be greater than 100% when some components are detected at <1%.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers of that type were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins Built Environment Testing East, LLC
9000 Commerce Parkway, Suite B, Mount Laurel, NJ 08054
(856) 231-9449 www.eurofinsus.com/Built

Client: Maine Environmental Laboratory
C/O: Sub Lab Reports
Re: ONE 20119

Date of Receipt: 05-22-2025
Date of Report: 05-29-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Maxamillian Roselli

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Attachment G
Resumes

PAUL BERNACKI

waybackhomestead@yahoo.com

Belmont, ME

207-323-3110

EXPERIENCE

Coordinator - The Home Place Team Living Shoreline Stabilization

As coordinator for the Home Place Team, I lead a team of Living Shoreline Stabilization Specialists in private practice for Maine Coastal Stabilization Projects from Harpswell through Mount Desert Island, we develop assessments, designs, licensing documentation, and project development for all aspects of Living Shoreline Stabilizations and Ecological Restorations of Freshwater and Coastal wetlands

1974 - present, Organic Farmer- farm and forest land management consultant

2004 - present; Fresh and coastal wetlands/shorefront management-restoration consultant and contractor

2015 - present; Coastal Bluff Stabilization/ Ecological Restoration, developing “Living Shoreline” practices and methods for Coastal Bluff shorelines.

2020 - present; Consultant – Living Shoreline Stabilizations/ Restorations regulatory/ policy development – volunteer advisor, Natural Resources Agencies State of Maine, Private Landowners, Towns and Cities.

EDUCATION

1968-1971 Branford High School Biology/ Ecology program; fresh and salt water ecosystems studies / Summer Intern, Yale forestry school graduate studies project – Fire Island NY, coastal dune system ecological inventory.

1972-1973 University of Connecticut Biology/Forestry undergraduate studies

RUBY TREYBALL

rtreyball.nrl@gmail.com

Blue Hill, ME

(207)-664-9074

EXPERIENCE

The Home Place Team, Blue Hill, ME- *Project Manager*. June 2022- Present.

The Home Place Team permits, designs, installs, and maintains Nature-based Solutions for living shoreline stabilization in downeast Maine. I focus on permit development, plant design, and leadership of plant installations.

Natural Rhythms Landscaping, Blue Hill, ME — *Owner*. January 2018-Present

Natural Rhythms Landscaping is a small-scale family run gardening business that focuses on tending and enhancing landscapes with primarily native plants.

Natural Rhythms Landscaping, Blue Hill, ME — *Employee*. April 2008- January 2018

Botanical studies, sustainable gardening techniques, and administrative skills.

Trainings:

Erosion and Sediment Control Certification Program, **Maine DEP** - 2025

National Green Infrastructure Training, **Envirocert** - 2025

OUR SHORES Living Shoreline Stabilization Workshop, **Maine DEP**- 2024

Planting Design Course, **Pith & Vigor** - 2021

EDUCATION

Naropa University, Boulder, CO — Bachelor's degree in Contemplative Early Child

Education: December 2016

Wheaton College, Norton, MA

Royal Thimphu College, Thimphu, Bhutan

JILLIAN HOWELL

CONTACT

781-307-1524

howell.jillian.f@gmail.com

Belfast, Maine

EDUCATION

YALE UNIVERSITY

Masters of Environmental
Management, 2019

COLBY COLLEGE

Bachelor of Arts, 2012
Environmental Studies
and Global Studies
GPA: 3.5

SCHOOL OF INTERNATIONAL TRAINING

National Identity, Ethnicity,
and Social Movements
Program, Fall 2010
Quito, Ecuador
GPA: 3.8

SUMMARY

Environmental professional with experience in environmental consulting, water quality science and sampling, project management, state and local permitting processes, community outreach and engagement, grant writing, and non-profit administration.

PROFESSIONAL EXPERIENCE

Home Place Team

April 2025 - present

- Performed on-site restoration of eroding coastal bluff and marsh at a property in Blue Hill.
- Conducted GAC Chemical Corporation site assessment.

Upstream Watch

July 2023 - March 2025

Executive Director

Belfast, ME

- Engaged with other organizations, businesses, individuals, local elected officials, and state agency staff to advance the organizational mission.
- Executed all fundraising activities, including grant writing and donor outreach and relations.
- Drafted and distributed all public facing communications including website content, social media, newsletters, and press releases.
- Responsible for coordinating with attorneys and supporting all lawsuits related to Nordic Aquafarms' proposed salmon aquaculture operation.

Sound Rivers

June 2019 - June 2023

Pamlico-Tar Riverkeeper/

Washington, NC

Environmental Projects Manager

- Worked with Executive Director to coordinate strategy amongst staff and Board members to monitor and protect water quality in the Neuse and Tar-Pamlico River basins.
- Lead hiring processes, and managed and trained staff and interns.
- Collected water samples, analyzed data, and produced reports for organizational members, the public, and elected officials.
- Managed grant funded projects including kayak launch and camping platform construction for the Tar-Pamlico water trail, green stormwater infrastructure assessment and installation at school campuses, and long term water quality monitoring programs of surface waters.
- Coordinated with state agencies and local governments to secure necessary permits and approvals for projects.

ATC Group Services, Inc.

June 2012 - June 2018

Project Scientist

Woburn, MA / Branford, CT

- Authored Phase I Environmental Site Assessments, abatement work plans and specifications, long term monitoring and maintenance plans, and closure reports for hazardous material remediation projects.
- Field leader during remediation projects, requiring contractor oversight, management of field teams, development of sampling programs, and communication with clients, project engineers, contractors, and regulatory agencies.
- Developed and conducted a broad range of environmental sampling programs, including groundwater, soil, hazardous materials, and building materials.