PHASE II ENVIRONMENTAL SITE ASSESSMENT
POINT EAST MARITIME VILLAGE
BIRCH POINT ROAD
WISCASSET, MAINE

Prepared for:

Lincoln County Regional Planning Commission
297 Bath Road
Wiscasset, Maine 04578
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On Behalf of:

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EXECUTIVE SUMMARY

On behalf of Lincoln County Regional Planning Commission (LCRPC), the following report presents the findings of a Phase II Environmental Site Assessment (ESA) performed by Ransom Consulting, Inc. (Ransom) for the Point East Maritime Village located along the northern end of Birch Pond Road on the Mason Station Peninsula otherwise referred to as Birch Point in the Town of Wiscasset, Lincoln County, Maine (the "Site"). The Phase II ESA was performed in conjunction with the United States Environmental Protection Agency (U.S. EPA) and the Maine Department of Environmental Protection (MEDEP) and was conducted using U.S. EPA Brownfield funding under the under LCRPC's Brownfields Assessment Grant No. BF96181901.

A Phase I ESA, dated February 5, 2016, was completed by Ransom. The Phase I ESA identified *Recognized Environmental Conditions (RECs)* in connection with the Site's former use as the Mason Station oil/coal fired power plant facility. Based on the findings of our Phase I ESA, impacted soil and groundwater have been documented at the Site, which were associated with oil and/or hazardous material (OHM) releases during the Site's former use as an oil/coal-fired power plant facility. In addition, it was Ransom's opinion that historical Site operations may have also impacted soil, pore water, and/or soil vapor at the property, which were not assessed during previous environmental investigations or cleanup activities that have been completed at the Site. Based on the findings from the Phase I ESA, the entire Site was targeted for additional investigation through the completion of a Phase II ESA. The objective of the Phase II ESA was to collect sufficient data to confirm or dismiss the *RECs* identified during the Phase I ESA, to identify potential exposure risks, and to evaluate the suitability of the Site for potential future redevelopment, which may include mixed residential, commercial, and marina reuse.

Based on the results of this Phase II ESA, soils throughout the Site do not contain contaminants of concern (COCs) that may present an exposure risk to future occupants or workers with the exception of COCs identified in soils at the North Point Lots. A Site-related fill material, including bricks and ash, which are likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant, was observed in the accessible soils [0 to 2 feet below ground surface (bgs)] and potentially accessible soils (deeper than 2 feet bgs) at the North Point Lots.

Based on the laboratory analytical results, Site-related fill-impacted accessible and potentially accessible soils at the North Point Lots were also identified to contain polycyclic aromatic hydrocarbons (PAHs), extractable petroleum hydrocarbon (EPH) fractions, metals, and polychlorinated biphenyls (PCBs). However, none of these COCs were detected in accessible soils at concentrations that exceeded their respective MEDEP Remedial Action Guidelines (RAGs) with the exception of benzo(a)pyrene and arsenic. The arsenic concentrations in soil at the North Point Lots were observed to be representative of naturally-occurring concentrations in Maine soils. In addition, the accessible and potentially accessible soils at two North Point Lots (Lot 68 and 77) were also identified to contain asbestos fibers; although, no obvious evidence of asbestos-containing building materials were encountered in the fill material excavated from test pits at the North Point Lots. The PAHs and asbestos fibers detected in accessible and potentially accessible soils at the North Point Lots may pose an exposure risk to future residential occupants or commercial workers, unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the impacted soil identified at these portions of the Site.

Ransom's observations and laboratory analytical results of soil samples collected at the North Point Lots during this Phase II ESA are generally similar to Jacques Whitford's subsurface investigation in 2004. Please note that in 2007, an estimated 1,500 to 2,000 cubic yards of coal and co-mingled materials were estimated to remain in the vicinity of the northern portion the Mason Station property, specifically in the

vicinity of the North Point Lots. During the subsequent coal removal activities, a 4-to 6-inch thick seam of coal about 2 feet bgs was observed at the northern extent of coal excavation in the vicinity of the North Point Lots. Removal of this seam was discontinued because the excavation was approaching a fill area suspected of containing asbestos at the northern portion of the Mason Station peninsula. Although obvious evidence of this coal seam was not observed during this Phase II ESA, asbestos-fiber impacted soils were identified at North Point Lots 68 and 77.

Arsenic (metal) was also detected in all accessible soils collected throughout the Site at concentrations above its corresponding Maine Department of Environmental Protection (MEDEP) RAGs for the Residential and Outdoor Commercial Worker exposure scenarios. However, a majority of the detected arsenic concentrations were less than or equal to its Undeveloped Background RAG; and therefore, are likely representative of naturally-occurring arsenic concentrations in Maine soils. Other Resource Conservation Recovery Act (RCRA) 8 metals (barium, cadmium, chromium, lead, mercury, selenium, and silver) were also detected in accessible and potentially accessible soils throughout the Site, but at concentrations that did not exceed their respective MEDEP RAGs. Therefore, it's not anticipated that these metals in Site soils would pose an exposure risk to future residential and commercial occupants or construction workers at the property.

Anthropogenic Site-related fill material, including bricks and ash were encountered in the potentially accessible soils to the southeast of the Ash Ponds, which are likely associated with operations during the Site's former use as a coal/oil-fired power plant and/or construction and operation of the Ash Ponds. The Site-related fill-impacted potentially accessible soils were identified to contain volatile organic compounds (VOCs), PAHs, EPH fractions, and metals (arsenic, barium, chromium, lead, mercury, and silver). However, none of these COCs exceeded their MEDEP RAGs for Excavation/Construction Worker exposure. These results are generally similar to Jacques Whitford's investigation in 2004, which included an evaluation of soils adjacent to the Ash Ponds.

No observed evidence of petroleum-impacted soils was noted during the advancement of soil borings at the Ice Pond Lots (former bulk oil tank area). However, accessible soils throughout the Ice Pond Lots contain PAHs and EPH fractions, but at concentrations that do not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. Therefore, accessible soils at the Ice Pond Lots are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property. These data confirm the results of previous environmental investigations that were conducted at the former bulk oil tank area, specifically, Haley & Aldrich's investigation in 1992 and Jacques Whitford's investigation in 2004. In 2005 and 2006, approximately 4,500 tons of petroleum-impacted soil and approximately 250 tons of petroleum-impacted gravel at the former oil tank area was excavated and disposed off-site. In 2006, approximately 443 tons of lead-impacted accessible soil in the vicinity of the former oil tank area was also excavated and disposed off-site and an approximate 4-foot layer of clean fill was reportedly placed over the residual petroleum- and lead-impacted soils. The remedial actions and confirmatory sampling results were reviewed by MEDEP, and no further clean-up action was required.

One accessible soil sample (SS108) collected to the southeast of the former bulk oil tank area was discovered to contain PAHs at concentrations above their corresponding MEDEP RAGs for Residential and Outdoor Commercial Worker exposure. Since widespread impacts to accessible soils were not identified during this Phase II investigation or previous investigations, it is inferred that this area of Site-related fill-impacted accessible soil with elevated PAHs is localized and likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant. Therefore, it's possible that PAHs detected in this accessible soil sample that was collected to the southeast of the former bulk oil tank area

may pose an exposure risk to future residential occupants or commercial workers, unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the impacted accessible soil identified at this portion of the Site.

Ransom did not observe evidence of petroleum-impacted soils during the advancement of soil borings along Point East Drive, as previously noted during Jacques Whitford's subsurface investigation in 2004. A layer of black, organic accessible soils was encountered in one soil boring that was advanced along the roadway, but these black, organic soils did not appear to be associated with former roadway oiling activities. Based on the laboratory analysis, accessible soils along Point East Drive contain VOCs, PAHs, EPH fractions, and metals (barium, chromium, lead, and mercury), but at concentrations that do not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. The presence of these COCs in accessible soils near Point East Drive is likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant and/or former oiling of the roadway. Therefore, accessible soils along Point East Drive are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property.

PCB congeners were detected in Site soils but at concentrations below their corresponding MEDEP RAGs and the U.S. EPA Toxic Substances Control Act (TSCA) threshold. Therefore, the PCBs detected in Site soils are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property. Additionally, the concentrations of PCBs detected in Site soils do not warrant U.S. EPA notification, additional delineation/sampling, and/or remediation in accordance with TSCA. These results were generally similar to PCB concentrations detected in soils during Jacques Whitford's environmental investigation that was conducted throughout the Mason Station peninsula in 2004. The presence of PCBs in Site soils is likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant.

Since groundwater contamination/flow direction at the Site have been well documented during previous investigations, public water is available to the Site and vicinity, and on-site groundwater extraction is proposed to be restricted in accordance with a Declaration of Environmental Covenant (DEC), this Phase II ESA did not include the collection and laboratory analysis of groundwater samples for evaluation of potential contamination. However, this Phase II ESA included an assessment of pore water along the banks of the Back River and Ice Pond in order to evaluate whether a potential OHM release originating from the former bulk tank area or Ash Ponds may adversely impact surface water quality in these saltwater estuaries.

Based on the laboratory analytical results, pore water samples collected along the banks of the Back River and Ice Pond was discovered to contain solvent-related VOCs, PAHs, and dissolved metals (arsenic, barium, and chromium). The presence of these COCs detected in pore water are likely associated with OHM releases from the Ash Ponds or the former bulk tank area, Site-related fill-impacted soils at the Site, and/or naturally occurring concentrations in Maine soils (e.g., metals). However, these COCs were not detected at concentrations exceeding their acute or chronic Surface Water Criteria for Saltwater and/or were less than or similar to their background pore water concentrations. Therefore, it is inferred that COCs identified in pore water have not migrated into Back River or Ice Pond at concentrations that would pose a risk to aquatic life in these saltwater estuaries.

Soil vapor throughout the Site was discovered to contain VOCs and APH compounds, but at concentrations that did not exceed their calculated MEDEP Soil Gas Targets for Residential or Commercial exposure scenarios with the exception of 1,3-butadiene, a petroleum-related VOC. 1,3-

butadiene was detected in soil vapor at concentrations that exceeded its calculated MEDEP Soil Gas Targets for Residential exposure only at the soil vapor location in the Northern Peninsula and at the location of former Oil Tank No. 3. The presence of 1,3-butadiene detected in soil vapor at the Northern Peninsula is likely associated with unknown and/or unreported petroleum release(s) at this portion of the property during the Site's former use as a coal/oil-fired power plant. The presence of 1,3-butadiene detected in soil vapor at the location of former Oil Tank No. 3 is likely associated with documented petroleum release(s) associated with this former tank. The concentration of 1,3-butadiene detected in soil vapor may adversely impact the indoor air quality of future residential buildings that may be constructed at the Northern Peninsula and at the location of former Oil Tank No. 3 unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the petroleum-impacted soil vapor identified at these portions of the Site.

The Hazardous Materials Inventory (HMI) conducted as part of this Phase II ESA identified asbestos-containing material (ACM) and lead-based painted surfaces in the Maintenance Garage, Ash Pond Pump House, and the Hilton Pond Pump House (the "Site buildings") along with potential PCB-containing fluorescent light ballasts and mercury-containing fluorescent light tubes inside the buildings. These materials will need to be properly abated and/or removed if disturbed during future Site redevelopment including demolition and/or restoration of the buildings.

Based on the information obtained during this Phase II Investigation, Ransom recommends the following with respect to future Site redevelopment:

1. The results of the Phase II ESA completed for the Site should be submitted to the MEDEP Voluntary Response Action Program (VRAP). The MEDEP VRAP is a voluntary program that offers technical review of environmentally-impacted sites and ultimately provides state liability protections for interested parties, including a "No Action Assurance" (NAA) letter, "No Further Action Assurance" (NFAA) letter, and/or a "Certificate of Completion" letter (i.e., no further action required), provided that proper and appropriate environmental assessment and cleanup/remedial actions are completed, as approved by the MEDEP.

2. MEDEP VRAP will likely require a deed restriction and/or institutional control(s) in the form of a DEC in order to potentially restrict/prohibit excavation of impacted soils and/or extraction of groundwater at the Site, without proper MEDEP notification/approvals and implementation of a Soil and Groundwater Management Plan and Health and Safety Plan;

3. The risk of human exposure to elevated concentrations of contaminants identified in accessible soils at concentrations exceeding their respective MEDEP RAGs for Residential and Outdoor Commercial Worker exposure scenarios should be mitigated in accordance with the guidance and approval of MEDEP's VRAP.

4. Similar to previous remediation activities at various areas of the Mason Station peninsula, soil mitigation measures to prevent exposure to identified contamination and potential migration of contaminants throughout remaining portions of the Site will likely be required. These mitigation measures will likely include engineering controls consisting of the placement of a low-permeable or impermeable soil cover systems or other barrier systems (e.g., pavement, concrete, building foundations in order to prevent contact and exposure to remaining contaminated soil and groundwater) and/or targeted excavation

and proper off-site disposal of contaminated soils. Additional contaminant delineation or confirmatory sampling may also be necessary, prior to or during implementation of the selected remedial action. As a likely condition of the MEDEP VRAP and assuming U.S. EPA Brownfields Cleanup funding under a Grant, Subgrant, and/or Loan will be utilized for cleanup of the Site, prepare a Site-specific Analysis of Brownfields Cleanup Alternatives and Conceptual Remedial Action Plan (ABCA/RAP) for review and approval by the MEDEP and U.S. EPA prior to future Site cleanup and redevelopment activities;

5. The risk of human exposure to asbestos fibers identified in soils at North Point Lots 68 and 77 during this Phase II ESA should be mitigated in accordance with the "North Peninsula Fill Area Closure Plan, which was prepared by Ransom and dated August 20, 2008. Please note that North Point Lots 77 and 79 are previously included in this closure plan. MEDEP approved this plan on July 1, 2008 and Ransom recommends that this closure plan be updated to meet current regulatory guidelines and/or standards, resubmitted to the MEDEP for approval, and undertaken to properly reduce the contact risk with these materials;

6. A vapor barrier and/or passive sub-slab depressurization system should be incorporated into the design of any new proposed residential dwellings in the vicinity of former Oil Tank No. 3 and at the Northern Peninsula in order to mitigate potential impacts to indoor air quality from potential vapor intrusion of volatile compounds identified in soil vapor at these portions of the Site. Vapor mitigation systems are similar and/or analogous to radon mitigation systems and are relatively easy to install and incorporate into the design of new building foundations;

7. The license permitting the operation of the Ash Ponds has expired, and the Ash Ponds are no longer in operation. A plan titled Closure Plan for Decommissioning of Wastewater Treatment (Ash) Ponds (August 14, 2006) prepared by Ransom was approved with conditions by the MEDEP on September 7, 2006; however, decommissioning activities were not completed by the owner at that time. Decommissioning and closure activities proposed by Ransom include pumping out the remaining water in the Ash Ponds, dewatering and removal of the remaining sediment, offsite disposal of sediment/water waste (waste characterization testing would likely be required by the accepting disposal facility), excavation and removal of asphalt liners, confirmatory soil sampling beneath the liners for laboratory analysis various parameters. This plan should be updated, re-submitted to the MEDEP for approval, and undertaken in order to properly decommission the Ash Ponds; and

8. Prior to renovation and/or demolition of the Maintenance Building, Ash Pond Pump House, and Hilton Pond Pump House, identified hazardous building materials that will be disturbed by these activities must be properly abated, removed, and/or addressed according to the recommendations provided in our HMI report, which was prepared concurrently with this Phase II ESA.

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1.0 INTRODUCTION

Ransom Consulting, Inc. (Ransom) is pleased to present this report documenting a Phase II Environmental Site Assessment (ESA) for the Point East Maritime Village located along the northern end of Birch Pond Road on the Mason Station Peninsula otherwise referred to as Birch Point in the Town of Wiscasset, Lincoln County, Maine (the "Site"). This Phase II ESA was performed in conjunction with the United States Environmental Protection Agency (U.S. EPA) and the Maine Department of Environmental Protection (MEDEP) and was completed using U.S. EPA Brownfields funding under Lincoln County Regional Planning Commission's (LCRPC's) Brownfields Assessment Program (Grant No. BF96181901). Furthermore, this investigation was completed in accordance with Ransom's Site-Specific Quality Assurance Project Plan (SSQAPP, Addendum No. 38, Revision No. 2), dated May 20, 2016. The SSQAPP was reviewed and approved by the MEDEP and the U.S. EPA, prior to implementation of the field activities.

1.1 Purpose

A Phase I ESA was completed for the Site on February 5, 2016. The Phase I ESA identified *Recognized Environmental Conditions (RECs)* in connection with the Site's former use as the Mason Station oil/coal fired power plant facility.

Based on the findings of our Phase I ESA, impacted soil and groundwater have been documented at the Site, which were associated with oil and/or hazardous material (OHM) releases during the Site's former use as an oil/coal-fired power plant facility. In addition, it was Ransom's opinion that historical Site operations may have also impacted soil, pore water, and/or soil vapor at the property, which were not assessed during previous environmental investigations or cleanup activities that have been completed at the Site. Therefore, it was Ransom's opinion that additional investigation was warranted to address the *RECs*, document current Site conditions in relation to current regulatory cleanup guidelines, and evaluate the suitability of the Site property for proposed future redevelopment.

Ransom recommended that a Phase II ESA be implemented to evaluate current soil, pore water, and soil vapor conditions at the Site. Findings from the additional investigation(s) should be used to evaluate potential health and environmental risks associated with potential future redevelopment of the Site property and identify whether remediation or other mitigation measures are necessary to eliminate these potential health and environmental risks. Based on information provided by the Town of Wiscasset, potential future redevelopment for the Site may include mixed residential, commercial, and marina reuse.

Please note that Site groundwater was not evaluated for potential impacts during this Phase II ESA since groundwater impacts on the Site have been well documented from previous environmental investigations, the property is serviced with public water, and the MEDEP has requested that an environmental covenant be placed on the property to restrict groundwater extraction in the form of a Declaration of Environmental Covenant (DEC).

In addition, certain American Society of Testing & Materials (ASTM) non-scope considerations were reviewed and identified during our Phase I ESA in connection with the Site buildings (the Maintenance Garage, Hilton Pond Pump House, and Ash Pond Pump House) that represent potential environmental risk, including suspect asbestos-containing materials (ACM), lead-based paint (LBP), polychlorinated biphenyl (PCB)-containing fluorescent light ballasts, and/or mercury-containing fluorescent lamps. Because of this, Ransom also recommended that a Hazardous Materials Inventory (HMI) be performed, as part of the Phase II ESA, to inspect for the presence of these hazardous materials and to identify

mitigation measures, if necessary, in order to facilitate future Site reuse and/or potential future redevelopment.

1.2 Special Terms and Conditions

This report was prepared using U.S. EPA Brownfields funding under LCRPC's Brownfields Assessment Grant No. BF96181901, and therefore, is a public document. However, the services, findings, and conclusions, noted herein, and associated documents provided to the client by Ransom are solely for the benefit of the LCRPC and the Town of Wiscasset, their affiliates and subsidiaries and their successors, assigns, and grantees. Other than for public informational purposes, reliance or any use of this report by anyone other than LCRPC and the Town of Wiscasset, for whom it was prepared, is prohibited. Furthermore, reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Ransom's contract with LCRPC. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

1.3 Limitations and Exceptions of Assessment

The Phase II ESA was executed in accordance with the scope of work proposed in the SSQAPP. Any additional revisions to the scope of work or methodologies outlined in the SSQAPP were implemented based on conditions encountered in the field and following discussion with MEDEP representatives. Any revisions to the scope of work are discussed in Section 3.0. Furthermore, the findings provided by Ransom in this report are based solely on the information reported in this document and the results of limited explorations and confirmatory laboratory testing. Our findings and conclusions must be considered as our professional opinion concerning the significance of the limited data gathered during the course of the environmental assessments. Ransom does not and cannot represent that the Site contains no OHM or other adverse environmental conditions beyond that observed by Ransom during the environmental assessments and field investigations. Should additional information become available in the future, this information can be reviewed by Ransom and the findings, presented herein, may be modified as a result of the review.

2.0 BACKGROUND

2.1 Site Description and Setting

The Site consists of 78 parcels of land, which encompasses a total of approximately 11.45 acres of land on the Mason Station Peninsula, which is located approximately 0.1 miles to the east of the intersection of Birch Point Road and Grover Road in the Town of Wiscasset. The Site is identified by the Town of Wiscasset Assessor's Office as Lots 1 through 72, Lot 77, Lot 79, and Lots 82 through 85 on Tax Map R-7A. These Site parcels are further described as the following, residential housing sections of the proposed Point East Maritime Village:

- Ice Pond Lots: Lots 1 through 18 and 37 through 60
- Hilton Pond Lots: Lots 19 through 36 and 61 through 66
- North Point Lots: Lots 67 through 71, 77, and 79
- Back River Lots: Lots 82 through 85

Beginning in the 1940s, the entire Mason Station Peninsula, including the Site parcels, operated as the Mason Station oil/coal fired power plant ("former Mason Station property") until the power plant was deactivated in 1991. Remaining portions of the former Mason Station property are considered "off-site" and were not assessed as part of our Phase I ESA or this Phase II ESA.

Currently, the Site is comprised primarily of vacant lots (with one garage type building and a series of ash ponds formerly utilized by the power plant) which were proposed to be redeveloped as residential dwellings (Point East Maritime Village); while the remaining off-site portions of the Mason Station Peninsula are currently improved with a Central Maine Power Company (CMP) electrical substation/switchyard, the vacant Mason Station power plant, and/or consist of wooded/overgrown vegetated areas.

In 2006, the former Mason Station property was subdivided into its current residential lot configuration and the property was proposed to be redeveloped for mixed residential, commercial, and marina use. Redevelopment plans stalled in the late-2000s and the Site was acquired by the Town of Wiscasset by foreclosure circa 2014. During this time, two Site parcels were improved with speculative (spec) dwellings (the "Lot 12 Speculative House" and "Lot 15 Speculative House"). Other improvements at the Site include a former Mason Station facilities maintenance building (the "Maintenance Building), four ash pond lagoons (the "Ash Ponds 1, 2, 3, and 4"), a pump house adjacent to the Ash Ponds (the "Ash Pond Pump House), a pump house adjacent to the Hilton Pond (the "Hilton Pond Pump House"), and railroad tracks/unloading platform. The remainder of the Site consists of flat to rolling vegetated lawn areas, earthen berms, overgrown vegetated areas, and wooded areas.

2.2 Recognized Environmental Conditions

An ASTM-compliant Phase I ESA was performed for the Site on February 5, 2016. In addition, numerous environmental investigations were completed at the former Mason Station property from 1992 to 2013, as part of the closure and investigation of the facility leading up to the redevelopment with MEDEP notification and guidance. Results from these previous environmental investigations have identified impacts that contain varying levels of contamination to the following media: the soil,

specifically ACM, coal, petroleum constituents, polycyclic aromatic hydrocarbons (PAHs), and heavy metals; the groundwater, specifically petroleum constituents and heavy metals; and the sediment in the Ash Ponds, specifically, PAHs and heavy metals. These impacts were inferred to be associated with OHM releases during the property's former use as the Mason Station power plant. Some of the contaminated areas have been remediated to the satisfaction of the MEDEP; however, areas of contaminated soil and potentially contaminated soil vapor remain at the Mason Station property and potentially remain at some Site parcels.

Based on the information obtained during the Phase I ESA, Ransom identified the following RECs in connection with the Site:

1. The license permitting the operation of the Ash Ponds has expired, and the Ash Ponds are no longer in operation. A plan titled Closure Plan for Decommissioning of Wastewater Treatment (Ash) Ponds (August 14, 2006) prepared by Ransom was approved with conditions by the MEDEP on September 7, 2006; however, decommissioning activities were not completed by the owner at that time. Decommissioning and closure activities proposed by Ransom include pumping out the remaining water in the Ash Ponds, dewatering and removal of the remaining sediment, offsite disposal of sediment/water waste (disposal characterization testing would likely be required by the accepting disposal facility), excavation and removal of asphalt liners, confirmatory soil sampling beneath the liners for laboratory analysis various parameters. This plan should be updated, approved, and completed in order to properly decommission the Ash Ponds;

2. Shallow soil beneath the Mason Station roadways has been previously identified to contain PAHs and petroleum constituents above their respective MEDEP RAGs. The presence of these impacted soils was inferred to be attributed to a black coal ash layer observed throughout the former Mason Station property, historic oiling of the roadways to control dust, and/or a byproduct of the asphalt pavement. Therefore, it's possible that the coal ash and elevated concentrations of PAHs and petroleum constituents are present at the Site properties due to their close proximity to the roadways;

3. Several PAHs and metals were detected in the marine sediment along the shore adjacent to the Ash Ponds at concentrations above National Oceanic and Atmospheric Administration (NOAA) screening values for marine sediment; and

4. Petroleum-impacted soils were previously identified to remain at the Site in the vicinity of the Former Oil Tanks (in particular Former Oil Tank No. 3). In 2007, the MEDEP determined that the residual impacted soils could remain in place, and do not pose a risk to human health or the environment at that time. However; the potential residual petroleum-impacted soil, groundwater, and/or soil vapor associated with the Former Oil Tanks may be present at the Site at concentrations that exceed MEDEP's current guidance values for various exposure scenarios (i.e., residential, park user, commercial worker, and excavation/construction worker).

In addition to the RECs described above, certain ASTM non-scope considerations were reviewed and identified in connection with the Site that represent potential business environmental risk, including suspect ACM, LBP, PCB-containing fluorescent light ballasts, mercury-containing fluorescent lamps, and other potential universal wastes. These materials may require abatement, special handling, and/or proper management/disposal, during future redevelopment and/or demolition activities. Therefore, Ransom

further recommended a HMI be performed to identify potential hazardous building materials and to identify mitigation measures, if necessary, in order to support the redevelopment of the Site.

2.3 Areas of Concern

Based on the findings of the Phase I ESA and the identified RECs, five Areas of Concern (AOCs) were identified at the Site and are summarized below. AOCs are shown on the attached Figure 2.

AOC 1: Site-Wide (Former Oil/Coal-Fired Power Plant Activities)

The entire Mason Station Peninsula, including the Site, formerly operated as the Mason Station power plant facility. From 1997 through 2011, numerous OHM releases reportedly occurred at the Mason Station power plant facility and the Site. Additionally, potential unknown and/or unreported releases of OHM associated with the former Site operations may have adversely impacted environmental conditions at the property. Therefore, contaminants of concern (COC) associated with former Site-wide activities include volatile organic solvents, petroleum compounds, polychlorinated biphenyls (PCBs), and combustion byproducts with elevated concentrations of metals and PAHs.

Specific COC analytical parameters include volatile organic compounds (VOCs), volatile petroleum hydrocarbon (VPH) fractions, extractable petroleum hydrocarbon (EPH) fractions with target PAHs, Metals, PCBs, and air petroleum hydrocarbon (APH) compounds. Of the metals typically associated with former Site operations; the Resource Conservation Recovery Act (RCRA) 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) have the potential to be associated with historical fill materials. Potential exposure routes associated with the COCs at the Site include direct contact with impacted soils and ingestion of contaminated dust, particularly during any construction activity at the Site. If present, these contaminants would likely be detected in accessible and potentially accessible soils and/or soil vapor at the Site.

AOC 2 – Northern Peninsula

AOC 2 consists of the North Point Lots (Lots 67, 68, 69, 70, 71, 77, and 79). Based on previous investigations, miscellaneous fill and demolition debris, including ACM and coal, has been identified in soils at the Northern Peninsula; in particular, at a Site parcel (North Point Lot 79) as well as nearby off-site parcels (Lots 73, 74, 75, and 76).

Specific COC analytical parameters include EPH fractions with target PAHs, RCRA 8 Metals, and Asbestos. Potential exposure routes associated with the COCs at the Site include direct contact with impacted soils and ingestion of contaminated dust, particularly during any construction activity at the Site. If present, these contaminants would likely be detected in accessible and potentially accessible soils at the Site.

AOC 3 – Ash Ponds

AOC 3 encompasses the area surrounding the Ash Ponds, located within the Back River Lots. Previous investigations identified PAHs in the sediment within the Ash Ponds as well as PAHs and metals in the marine sediment located adjacent to the Ash Ponds. The presence of these contaminants may be attributed the use of the Ash Ponds, which were formerly constructed for wastewater collection (including boiler blow-down water) and settling of solids prior to overboard discharge at the former Mason Station power plant facility, or any potential former breach of the pond liners.

Specific COC analytical parameters include VOCs, VPH fractions, EPH fractions with target PAHs, and RCRA 8 Metals. If present, these contaminants would likely be detected in potentially accessible soils and migrating groundwater (pore water) at the Site.

AOC 4 – Ice Pond Lots

AOC 4 encompasses the area in the vicinity of the three Former Oil Tanks. Previous investigations identified petroleum-impacted soils to currently remain at the Site in the vicinity of the Former Oil Tanks (in particular Former Oil Tank No. 3). In 2007, the MEDEP determined that the residual impacted soils could remain in place, and do not pose a risk to human health or the environment at that time. However; the potential residual petroleum-impacted soil, groundwater, and/or soil vapor associated with the Former Oil Tanks may be present at the Site at concentrations that exceed MEDEP's current guidance values for various exposure scenarios (i.e., residential, park user, commercial worker, and excavation/construction worker). The accessible and potentially accessible soils, pore water, and soil vapor in AOC 4 were targeted for investigation to further define the potential exposure risks to the environment and future occupants of the Site.

As previously discussed, the groundwater impacts on the Site have been well documented from previous environmental investigations, and the MEDEP has requested that an environmental covenant be placed on the southern portion of the property (Ice Pond Lots) to restrict groundwater extraction in the form of a DEC, and the existence of public water in the area, no groundwater samples were collected during this Phase II ESA. Additionally, vapor-phase contaminants, if present in AOC 4, may have the potential to migrate in the preferential pathways represented by the underground utilities traversing this area.

Specific COC analytical parameters include VPH fractions with target petroleum-related VOCs, EPH fractions with target PAHs, and APH. If present, these contaminants would likely be detected in accessible and potentially accessible soils, pore water, and soil vapor in this area of the Site.

AOC 5 – Areas Adjacent to Point East Drive

AOC 5 encompasses the areas of the Site adjacent to Point East Drive. Previous investigations identified shallow soil beneath the Mason Station roadways that contain PAHs and petroleum constituents above their respective MEDEP RAGs. The presence of these impacted soils was inferred to be attributed to a black coal ash layer observed throughout the former Mason Station property, past oiling of the roadways to control dust, and/or a byproduct of the asphalt pavement. In addition, waste oils containing PCBs may have been added to the dust control oils. Therefore, it's possible that the coal ash and waste oils with elevated concentrations of VOCs, PAHs, petroleum constituents, and PCBs are present at the Site properties due to their close proximity to the roadways.

Specific COC analytical parameters include VOCs, VPH fractions, EPH fractions with target PAHs, RCRA 8 Metals, and PCBs. If present, these contaminants would likely be detected in accessible and potentially accessible soils at the Site.

Hazardous Building Materials

Since the Site is proposed to be renovated for commercial purposes, any redevelopment activities which involve the renovation or demolition of the Site Buildings that were constructed before 1980 (Maintenance Building, Ash Pond Pump House, Hilton Pond Pump House) will require an inspection for ACM. Other potentially hazardous building materials, including LBP, PCB-contaminated wastes and

building materials, and mercury-containing fluorescent lamps may be present in the buildings. Additionally, impacts from the hazardous building materials may exist including impacts to accessible soils in the "drip zone" from flaking of exterior painted surfaces. Identification of potentially hazardous building materials and their impacts to accessible soils will be necessary prior to building renovation and/or demolition in order to protect worker safety and to maintain compliance with applicable storage, maintenance, and/or disposal regulatory criteria. In order to address these concerns, a HMI was conducted in conjunction with the Phase II ESA activities. A copy of Ransom's HMI report is included in Appendix E.

3.0 INVESTIGATION METHODOLOGY

The Phase II Investigation was designed to collect sufficient data to characterize the environmental condition of the Site in relation to current risk-based regulatory standards, identify potential exposure risks to future Site occupants, and evaluate the suitability of the Site for potential future redevelopment for the Site may include mixed residential, commercial, and marina reuse.

3.1 Methodology

The scope of work for the Phase II ESA was developed, based on the conceptual site model presented in the SSQAPP, and included the excavation of six test pits, advancement of twelve soil borings, collection of eight accessible soil samples, installation of six soil vapor points, installation of five pore water sample points, and the collection and chemical analysis of soil, soil vapor, and pore water samples. The locations of test pits, soil borings, accessible soil samples, soil vapor, and pore water samples are shown on Figure 3.

Test Pit Excavations

On May 26, 2016, Ransom observed the excavation of six test pits, identified as TP201 through TP206. The test pits were completed by Environmental Projects Inc. (EPI) of Auburn, Maine utilizing a track-mounted excavator with a 1 cubic-yard bucket and a maximum reach of 12 feet below ground surface (bgs). The test pits were excavated from surface grade to depths ranging from 8 to 10 feet bgs. Soil samples were collected at 2-foot intervals during the excavation of the test pits and were visually classified in the field by Ransom in general accordance with the Burmeister Soil Classification System. Test pit logs are provided in Appendix A.

Soil Boring Advancement & Accessible Soil Sample Collection

On May 25, 2016, Ransom, in conjunction with the MEDEP, observed the advancement of 12 soil borings, identified as B101 through B112 at the Site. The soil borings were advanced by EPI using direct-push (i.e., Geoprobe) drilling techniques. At each soil boring location, 4-foot macrocore soil samples were collected continuously from surface grade to the termination of each boring. The borings were advanced to depths ranging from 3.8 to 24 feet bgs. Ransom personnel also collected eight accessible soil samples, identified as SS101 through SS108, using hand tools (i.e., shovel and pick axe) on May 25, 2016.

Soil samples collected during the advancement of the soil borings and accessible soil sample collection were visually classified in the field by Ransom in general accordance with the Burmeister Soil Classification System. Accessible soil samples (approximately 0 to 2 feet bgs) collected from soil borings were separated from potentially accessible soil samples (greater than 2 feet bgs) in order to evaluate exposure risks to site workers, site visitors and future site occupants. Soil boring logs are provided in Appendix B.

Qualitative Field Screening

Soil samples collected during the test pit excavations, advancement of the soil borings, and accessible soil sample collection were screened in the field for the presence of total organic volatile compounds (TVOCs), using a photoionization detector (PID) equipped with a 10.6 eV lamp and calibrated to an

isobutylene standard. Accessible soil samples (0-2 feet bgs) were also screened for metals using an x-ray fluorescence meter (XRF).

Samples were collected for laboratory analysis from the locations and depths based on observations in the field (visual or olfactory evidence of contamination). If no contamination was observed in the soils retrieved from a soil boring or test pit, Ransom submitted the accessible soil sample (0-2 feet bgs) retrieved from the boring and/or test pit for laboratory analysis. Sample intervals, sample recovery, and organic vapor concentrations (as determined by field screening) are included on the test pit logs (Appendix A) and the soil boring logs (Appendix B). Field screening results for concentrations of metals in soil are included in Table 1.

Soil Sampling and Analytical Testing

Soil samples collected from the test pits, soil borings, and accessible soil sample locations were submitted to Alpha Analytical, LLC (Alpha) of Westborough, Massachusetts, for chemical analysis and Optimum Analytical and Consulting, LLC (Optimum) of Salem, New Hampshire for asbestos analysis. Soil samples submitted for VOCs and VPH fractions were collected directly from the sampling equipment and transferred into laboratory-prepared containers. Non-volatile soil samples (i.e., EPH fractions, PAHs, PCBs, and metals) were homogenized in the field and transferred into laboratory-prepared containers. The samples were preserved in the field in accordance with applicable protocols and delivered on ice under chain-of-custody protocol for laboratory analysis. Soil samples were submitted for one or more of the following chemical analysis based on the conceptual site model presented in the SSQAPP:

1. VOCs by U.S. EPA Method 8260B;

2. VPH fractions, including the target petroleum VOCs (VPH Standard) or excluding the target petroleum VOCs (VPH Deluxe), by Massachusetts Department of Environmental Protection (MA DEP) Method 98-1;

3. EPH fractions, including target PAHs, by MA DEP Method 98-1 (EPH Deluxe);

4. RCRA 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by U.S. EPA Method Series 7471B/3050B; and

5. PCBs by U.S. EPA Method 8082.

A duplicate soil sample (SSDUP) was collected from accessible soil sample SS107 and submitted for laboratory analysis for quality assurance/quality control (QA/QC) protocols as outlined in the SSQAPP.

In addition, soil samples collected from test pits (TP201 through TP206) that were excavated at the North Point Lots (AOC 2) were submitted to Optimum for qualitative analysis of asbestos fibers by U.S. EPA Region I EIA-INGASED2.SOP.

Pore Water Sample Point Installation & Analytical Testing

On May 26 and 27, 2016, Ransom installed five pore water points (PW-BK and PW101 through PW104) using stainless-steel pore water probes. Three on-site pore water samples (PW101 through PW103) were collected from the banks of the Back River near the Ice Pond tidal inlet and adjacent to the Ash Ponds (AOC 3) and one pore water sample (PW104) was collected along the western bank of Ice Pond

downgradient from the former bulk oil tanks (AOC 4). One background pore water sample (PW-BK1) was collected along the banks of Ice Pond, upgradient from the Mason Station Peninsula.

The pore water samples were collected directly from the sampling equipment and transferred into laboratory-prepared sample containers. The samples were preserved in the field in accordance with applicable protocols and delivered on ice under chain-of-custody protocol to Alpha for the following laboratory analysis:

1. VOCs by U.S. EPA Method 8260B;

2. VPH fractions, excluding target petroleum VOCs, by MA DEP Method 98-1 (VPH Standard);

3. EPH fractions, including target PAHs, by MA DEP Method 98-1 (EPH Deluxe); and

4. Dissolved RCRA 8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by U.S. EPA Method Series 7471B/3050B.

Please note that the pore water samples collected for dissolved metals analysis were field-filtered with a 0.45-micron filter. A duplicate pore water sample (PWDUP) was collected from pore water sample point (PW104) and submitted for laboratory analysis for QA/QC protocols. Copies of the pore water sampling field sheets are included in Appendix C.

Soil Vapor Sample Collection & Analytical Testing

On May 26, 2016, Ransom collected six soil vapor samples (SV101 through SV106) at the Site. SV101, SV102, and SV103 were collected in the vicinity of the former bulk oil storage tanks (AOC 4). SV104 was collected north of Point East Drive (AOC 5). SV105 was collected in the vicinity the former coal fill areas and former railroad unloading platform (AOC 2). SV106 was collected north of the Ash Ponds (AOC 3).

The temporary soil vapor monitoring points were advanced with a Geoprobe soil vapor drive-point system to depths at approximately 3 feet bgs. A bentonite seal was then placed around the soil vapor points at the ground surface and between the top of casing and tubing to prevent the influx of ambient air during sample collection.

Prior to soil vapor sample collection, the tubing was purged of ambient air using a peristaltic pump. Ransom monitored and recorded soil vapor parameters including VOCs, oxygen (O_2), and carbon dioxide (CO_2) to ensure an adequate seal and collection of a representative soil vapor sample. The measurements of carbon dioxide and oxygen were compared to concentrations of ambient air; an effective seal was indicated when CO_2 concentrations reached at least an order of magnitude higher in the subsurface than ambient air, and when O_2 concentrations were generally lower than ambient air. After purging the tubing, the samples were collected directly from the soil cavity into laboratory-prepared 2.7-liter SUMMA® passivated stainless steel canisters equipped with a 200 milliliter per minute (mL/min) flow controller. The samples were submitted to Alpha and analyzed for the following:

1. VOCs by U.S. EPA Method TO-15; and

2. APH by the Massachusetts Department of Environmental Protection (MADEP) Method.

A duplicate soil vapor sample (SV-DUP) was collected from soil vapor point (SV103) and submitted for laboratory analysis for QA/QC protocols. Copies of the soil vapor sample field data sheets are included in Appendix C.

3.2 Background Samples

Soil

Considering the historical industrial nature of the Site, it was anticipated that site-specific background samples would be elevated due to historical contamination. Therefore, Ransom utilized MEDEP's "Undeveloped Background" and/or "Rural Developed Background" concentrations, as presented in the 2016 MEDEP RAGs, in order to compare site-specific soil concentrations of metals and target PAHs with background soil conditions at the Site during this Phase II ESA. MEDEP's published background concentrations are included in Tables 2 through 4 with the soil sample analytical results.

Pore Water

In order to compare site-specific pore water concentrations of VOCs, PAHs, VPH fractions, EPH fractions, and metals; one pore water sample (PW-BK) was collected from an upgradient location of the Site since pore water at this area of the Site is presumed to be unaffected by historic Site operations. The background pore water sample was collected using stainless-steel pore water probe and advanced approximately 0.5 feet into the unconsolidated substrate materials along the northern shore of Ice Pond. The location of the background pore water sample is shown on Figure 3.

The background pore water sample was collected directly from the sampling equipment, field-filtered for metals analysis only, and submitted for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, and RCRA 8 metals.

3.3 Target AOCs and Specific Exploration Locations

As previously noted, based on the RECs identified in the Phase I ESA, five AOCs were identified at the Site and were targeted for supplemental investigation. The targeted Phase II investigations specific to each of these five AOCs along with the hazardous building materials are further summarized below.

AOC 1: Site-Wide

AOC 1 encompasses the entire Site, since the entire Mason Station Peninsula, including the Site, formerly operated as the Mason Station power plant facility. Contaminant sources and exposure pathways associated with AOC 1 are described in Section 2.3.

In order to evaluate AOC 1, Ransom observed the advancement of 12 soil borings (B101 through B112); the collection of eight accessible soils (SS101 through SS108); the excavation of six test pits (TP201 through TP206); and the installation of six soil vapor points (SV101 through SV106). Please note that some of these soil borings and soil vapor points were also completed to address other AOCs, as described below.

Based on field screening results and observations, Ransom submitted 22 accessible soil samples (0-2 feet bgs) collected from borings B101 through B107 and B110, from all accessible soil sample locations (SS101 through SS108) and all test pits (TP201 through TP206) for laboratory analysis of VOCs, VPH

fractions, EPH fractions with target PAHs, RCRA 8 metals, and/or PCBs. Ransom also submitted potentially accessible soil samples (deeper than 2 feet bgs) collected from soil borings B111 and B112 for laboratory analysis of VOCs, VPH fractions, EPH fractions, target PAHs, and RCRA 8 metals in order to evaluate subsurface conditions in the vicinity of the ash ponds (AOC 3).

Soil vapor samples SV101 through SV106 were submitted for laboratory analysis of VOCs and APH compounds.

AOC 2: Northern Peninsula

AOC 2 consists of the North Point Lots (Lots 67, 68, 69, 70, 71, 77, and 79). Contaminant sources and exposure pathways associated with AOC 2 are described in Section 2.3. In order to evaluate this AOC, six test pits (TP201 through TP206) were excavated at locations throughout the northern peninsula.

Based on field screening results and observations, Ransom submitted accessible soil samples (0-2 feet bgs) collected from each test pit for laboratory analysis of EPH fractions with target PAHs, RCRA 8 metals, and PCBs. Soil samples collected from each test pit were also submitted for qualitative analysis of asbestos fibers in order to evaluate the potential for asbestos in soil at this portion of the Site.

In addition, potentially accessible soil samples (deeper than 2 feet bgs) were also collected from test pits TP203 and TP204 and submitted for laboratory analysis of EPH fractions with target PAHs, RCRA 8 metals, PCBs, and asbestos in order to evaluate the vertical and horizontal profiles of potential impacted soil at this portion of the Site.

AOC 3: Ash Ponds

AOC 3 encompasses the area of the Ash Ponds that were used as storage of ash and blower blowdown, and other combustion residue from Site operations. Contaminant sources and exposure pathways associated with AOC 3 are described in Section 2.3. In order to evaluate AOC 3, Ransom observed the advancement of two soil borings (B111 and B112) along the eastern side of the Ash Ponds. In addition, impacted groundwater that has been documented at the Site may have also adversely impacted pore water, which discharges into the adjacent Back River (tidal-influenced saltwater body). Therefore, Ransom installed three pore water sampling points (PW101, PW102, and PW103) along the banks of the Back River, which is downgradient of the Ash Ponds.

Based on visual observations of Site-related fill constituents (i.e., bricks and ash) in potentially accessible soils (deeper than 2 feet bgs), Ransom submitted potentially accessible soil samples collected from borings B111 and B112 for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, RCRA 8 metals, and PCBs.

The pore water samples collected from PW101 through PW103 were submitted for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, and dissolved RCRA 8 metals.

AOC 4: Ice Pond Lots

AOC 4 encompasses the southwestern portion of the peninsula, which is the location of the former bulk oil storage tanks, and is currently improved with the two speculative houses. Contaminant sources and exposure pathways associated with AOC 4 are described in Section 2.3. In order to evaluate AOC 4, Ransom observed the advancement of eight soil borings (B101 through B108) and the installation of three

soil vapor points (SV103, SV104, and SV105). In addition, impacted groundwater that has been documented at the Site may have also adversely impacted pore water, which discharges into the adjacent Ice Pond (tidal-influenced saltwater body). Therefore, Ransom installed one pore water sampling point (PW104) along the banks of Ice Pond, which is downgradient from the former bulk oil storage tanks.

Based on field screening results and observations, Ransom submitted accessible soil samples (0-2 feet bgs) collected from borings B101 through B107 for laboratory analysis for EPH fractions including target PAHs, VPH fractions including target petroleum VOCs, and PCBs. Please note that the accessible soil sample collected from boring B107 was also submitted for laboratory analysis of VOCs and RCRA 8 metals in order to evaluate potential COCs associated with AOC 5, as discussed below.

The soil vapor samples collected from SV103, SV104, and SV105 were submitted for laboratory analysis of VOCs and APH compounds.

The pore water sample collected from PW104 was submitted for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, and dissolved RCRA 8 metals.

AOC 5: Areas Adjacent to Point East Drive

AOC 5 includes the areas adjacent to Point East Drive. Contaminant sources and exposure pathways associated with AOC 5 are described in Section 2.3. In order to evaluate AOC 5, three (3) soil borings were advanced (B107, B109, and B110) in close proximity to the Point East Drive roadway.

Based on field screening results and observations, Ransom submitted accessible soil samples (0-2 feet bgs) collected from borings B107 and B110 for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, RCRA 8 metals, and PCBs.

4.0 RESULTS

The following subsections document the results of the Phase II ESA activities. Soil sample analytical results for samples collected from the accessible soil sample locations are summarized are summarized in Table 2. Soil sample analytical results for samples collected from the soil borings and test pits are summarized in Table 3 and 4, respectively. Pore water sample analytical results are summarized in Table 5. Soil vapor sample analytical results are summarized in Table 6. Copies of the laboratory chemical analysis data reports are provided as Appendix D.

4.1 Comparison to Regulatory Standards and Guidelines

The analytical results of soil and soil vapor samples collected at the Site were compared to the MEDEP Bureau of Remediation and Waste Management's (BRWM's) "*Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances*," dated February 5, 2016. The analytical results of pore water samples collected at the Site were compared to the MEDEP's Surface Water Quality Criteria for Toxic Pollutants, effective July 29, 2012.

<u>Soil</u>

Since the Site is currently unoccupied, but may be redeveloped for mixed residential, commercial, and marina reuse, the MEDEP RAGs for "Residential" and "Outdoor Commercial Worker" exposure scenario appear to be the most applicable guidance standards. In addition, potential exposure risks to Site workers during future construction activities and utility work (i.e., subsurface water and sewer lines) exists at the Site; therefore, "Excavation/Construction Worker" scenarios also apply to accessible soils (0 to 2 feet bgs) and potentially accessible soils (i.e., deeper than 2 feet bgs), in areas of potential future subsurface excavations, in order to evaluate potentially unacceptable risks to excavation or construction workers during proposed redevelopment and/or future utility work at the Site.

<u>Pore Water</u>

The onsite pore water sample results (PW101 through PW104) were compared to the background pore water sample (PW-BK) and the MEDEP's Surface Water Criteria for Toxic Pollutants for Saltwater in order to evaluate potential contaminant contributions originating from on-Site sources that may have impacted the adjacent saltwater bodies (Ice Pond and Back River). The Surface Water Criteria is intended to indicate the exceedances of toxic pollutants at concentrations as prohibited by the U.S. Clean Water Act and State law and at levels that are protective (both acute and chronic) of aquatic life and human health.

<u>Soil Vapor</u>

The soil vapor sample analytical results were also compared to Indoor Air Targets as presented in the MEDEP RAGs. In order to evaluate potential impacts from vapor intrusion, Ransom calculated applicable Soil Gas Target concentrations for residential and commercial exposure risk by multiplying the applicable Indoor Air Targets by an attenuation factor (30 times the Indoor Air Target), as outlined in the RAGs. The calculated Soil Gas Targets are shown in Table 6.

4.2 Geology and Hydrogeology

In general, soils encountered during this Phase II Investigation were similar to soils encountered during previous investigations and cleanup activities conducted at the Site. Soils varied throughout the Site, but consisted of 1 to 10 feet of fill overlaying native, glaciomarine deposits (Presumpscot Formation), till, and bedrock.

Accessible soil throughout the Site contained fill, which consisted of brown, fine to coarse sand with varying amounts of silt and gravel. The potentially accessible fill soils south of the Ash Ponds (AOC 3) were intermixed with Site-related fill , which contained variable amounts of brick and ash. The accessible fill soils to the west of former Bulk Oil Tank No. 3 (AOC 4) were observed to be underlain with bedrock or boulders. The accessible fill soils to the east of former Bulk Oil Tank No. 3 (AOC 4) were observed to be underlain with native, glaciomarine silt and clays and glacial-deposited till, which consisted of gray silt and clay with variable amounts of sand and gravel. The accessible fill soils at the Northern Peninsula (AOC 2), proximal to the location of former coal fill areas and railroad unloading platform, contained Site-related fill constituents including ash, bricks, asphalt, cobbles, field stones. Fill soils at the Northern Peninsula were observed to be underlain by native silt and clay and/or appeared to lie directly on top of the bedrock surface.

Native glaciomarine silts and clays with varying amounts of fine sand and gravel were encountered beneath the Site-related fill at inconsistent depths beginning approximately 2 to 24 feet bgs at the Site. Refusal conditions were encountered in soil borings B109 and B110 at depths of 10.8 and 21.7 feet bgs, respectively, at presumed bedrock underlying fill. The refusal conditions observed in borings B101 through B104 are presumed to be associated with boulders encountered at these locations. Groundwater-saturated, native silt and clay soils were encountered in borings B105 through B108, B111, and B112 at approximate depths ranging from 14 to 16 feet bgs. In addition, groundwater-saturated, native silt and clay soils were encountered in test pits TP201 and TP204 at approximate depths of 8 feet bgs. Groundwater-saturated soils were not encountered in the remaining soil borings or test pits, which were either terminated in native soils and/or inferred bedrock or boulders in the subsurface.

As previously discussed, since groundwater contamination/flow direction at the Site have been well documented during previous investigations, public water is available to the Site and vicinity, and on-site groundwater extraction is proposed to be restricted per the DEC, Ransom's Phase II ESA did not include the collection and laboratory analysis of groundwater samples for evaluation of potential contamination.

4.3 Background Data

As previously discussed, Ransom relied on typical Maine background levels, as presented in the 2016 MEDEP RAGs, in order to compare site-specific soil concentrations of metals and target PAHs with background soil conditions in the Site during this Phase II ESA. Therefore, the following is a summary of laboratory analytical results of the background pore water samples (PW-BK) collected during this investigation. Pore water analytical results are summarized in Table 5. A copy of the laboratory chemical analysis data report is provided as Appendix D.

For the purpose of this Phase II Investigation, concentrations of VOCs, EPH fractions, VPH fractions, PAHs, and metals detected in pore water samples collected at the Site are considered elevated if they exceed the Site-specific background concentrations. As noted in MEDEP's Surface Water Criteria for Toxic Pollutants, these COCs are also considered elevated if they exceed their respective Maximum or Chronic concentrations for Saltwater.

As shown in Table 5, VPH fractions, EPH fractions, and PAHs were not detected in the background pore water sample (PW-BK) at concentrations above their respective laboratory reporting limits. Two VOCs, acetone and chloroform, were detected in the background pore water sample (PW-BK) at concentrations of 2.1 and 1.0 micrograms per liter (µg/l), respectively. Please note that acetone and chloroform do not have acute or chronic Surface Water Criteria for saltwater and acetone is a common laboratory contaminant. Dissolved arsenic (metal) was also detected in the background pore water sample (PW-BK) at a concentration of 0.0038 µg/l, which did not exceed its acute or chronic Surface Water Criteria for Saltwater. No other VOCs or metals were detected in the background pore water sample at concentrations above their respective laboratory reporting limits.

4.4 AOC 1: Site-Wide

This section details the results of the accessible soil samples collected from SS101 through SS108. See the following sections for detailed results pertaining to samples collected from soil borings, test pits, pore water samples, and soil vapor samples at AOCs 2 through 5.

Accessible Soil Sample Analytical Results

Volatile Organic Compounds

As shown in Table 2, VOCs were not detected at concentrations above their respective laboratory reporting limits in the accessible soil samples collected from SS102 and SS108. One or more of the following solvent-related VOCs (acetone, methylene chloride, and p-isopropyltoluene) were detected at concentrations ranging from 0.0012 to 0.052 milligrams per kilogram (mg/kg) in the accessible soil samples collected from SS101, SS103, SS104, SS105, SS106, and SS107. However, none of the detected VOCs exceeded their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. No other VOCs were detected at concentrations greater than their respective laboratory reporting limits in these accessible soil samples.

Volatile Petroleum Hydrocarbons

As shown in Table 2, VPH fractions were not detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected at SS101 through SS107. Two EPH fractions (C_9–C_{12} aliphatics and C_9–C_{10} aromatics) were detected in the accessible soil sample SS108 at concentrations of 15.7 and 12.4 mg/kg, respectively. The detected concentrations of these VPH fractions did not exceed their MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

Polycyclic Aromatic Hydrocarbons

As shown in Table 2, PAHs were not detected at concentrations above their respective laboratory reporting limits in the accessible soil samples collected from SS105 and SS106. One or more of the following PAHs [acenaphthene, acenaphthalene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene] were detected at concentrations ranging from 0.005 to 15.2 mg/kg in soil samples collected from SS101, SS102, SS103, SS104, SS107, and SS108.

The concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene, and indeno(1,2,3-cd)pyrene detected in the accessible soil sample collected from SS107 exceeded their MEDEP RAGs for the Residential exposure scenario. The detected concentration for benzo(a)pyrene also exceeded the MEDEP Outdoor Commercial Work RAG. The accessible soil sample collected from SS107 contained Site-related fill constituents and the concentrations of the following PAHs: acenapthene, acenaphthylene, anthracene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, fluoranthene, fluorene, 2-methylnapthalene, phenanthrene, pyrene, detected in this accessible soil sample, exceed their respective MEDEP Rural Developed Background RAGs.

No other PAHs were detected in the accessible soil samples at concentrations exceeding their MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

Extractable Petroleum Hydrocarbons

As shown in Table 2, no EPH fractions were detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected at SS101 through SS106. One EPH fraction (C_{11}–C_{22} aromatics) was detected in the accessible soil samples SS107 and SS108 at concentrations of 171 and 8.48 mg/kg, respectively. The detected concentrations of these EPH fractions did not exceed their MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

RCRA 8 Metals

As shown in Table 2, arsenic was detected in each accessible soil sample collected from SS101 through SS108 at concentrations ranging from 13 to 23 mg/kg. Arsenic was detected at concentrations equal to or below the MEDEP RAG for "Undeveloped Background" for four of the accessible soil samples (SS101, SS102, SS107 and SS108). The remaining four accessible soil samples (SS103 through SS106) had arsenic detected at concentrations exceeding the MEDEP RAG for Undeveloped Background. Additionally, the arsenic concentrations detected in each accessible soil sample exceeded the MEDEP RAG for Residential exposure (1.4 mg/kg) and Outdoor Commercial Worker exposure (4.2 mg/kg). Arsenic was not detected in any of the accessible soil samples at concentrations exceeding the MEDEP RAG for Excavation/Construction Worker exposure (42 mg/kg).

Barium, chromium, cadmium, lead, and mercury were detected at concentrations ranging from 0.03 to 70 mg/kg in one or more of the accessible soil samples collected from SS101 through SS108. However, none of these metals were detected at concentrations exceeding their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. In addition, selenium and silver were not detected in any of the accessible soil samples collected from SS101 through SS108 at concentrations above their respective laboratory reporting limits.

Polychlorinated Biphenyls

As shown in Table 2, PCB congeners were not detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected from SS101 through

SS107. PCB congeners were detected in accessible soil sample SS108 but did not exceed the MEDEP RAGs for Residential, Commercial, or Excavation/Construction Worker.

Summary of AOC 1 Findings

Accessible soils (0 to 2 feet bgs) throughout the Site do not contain COCs that may present an exposure risk to future occupants or workers with the exception of accessible soils at the location of SS107. Accessible soil sample SS107 was collected to the southeast of the former bulk oil tank area (AOC 4) and contained anthropogenic fill material, including bricks and ash, which are likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant (AOC 1), therefore referred to as "Site-related fill." The Site-related fill-impacted accessible soils at SS107 were discovered to contain PAHs at concentrations above its corresponding MEDEP RAG for Residential and Outdoor Commercial Worker exposure scenarios. Therefore, it's possible that PAHs detected in accessible soils at the SS107 location may pose an exposure risk to future residential occupants or commercial workers, unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the impacted soil identified at the Site.

Arsenic (metal) was detected in accessible soil throughout the Site at concentrations that exceeded its MEDEP RAGs for the Residential and Outdoor Commercial Worker exposure scenarios. However, four samples of accessible soil (SS103 through SS106) had arsenic concentrations greater than the MEDEP RAG for Undeveloped Background (16 mg/kg) and the remaining four accessible soil samples (SS101, SS102, SS107, and SS108) had concentrations of arsenic at or below the MEDEP RAG for Undeveloped Background. Please note that the accessible soils containing arsenic concentrations above and below its Undeveloped Background RAG were generally similar in composition. Therefore, the arsenic concentrations in accessible soils in exceedance of its Undeveloped Background RAG are sporadic throughout the Site and are likely representative of naturally-occurring arsenic concentrations in Maine soils or indicative of Site-related fill material that has been placed at various locations throughout the property.

PCB congeners were also detected in a accessible soil sample at concentrations below their corresponding MEDEP RAGs and the U.S. EPA Toxic Substances Control Act (TSCA) threshold of 1 mg/kg. Therefore, the PCBs detected in Site soils are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property.

4.5 AOC 2: Northern Peninsula

This section details the results of the soil samples collected from test pits (TP201 through TP206) and soil vapor sample SV105. See the following sections for detailed results pertaining to samples collected from soil borings, pore water samples, and soil vapor samples at AOCs 3 through 5.

Soil Sample Analytical Results

Polycyclic Aromatic Hydrocarbons

Accessible Soil Samples

As shown in Table 4, PAHs were not detected at concentrations above their respective laboratory reporting limits in the accessible soil sample collected from TP205. However,

one or more PAHs [including acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, pyrene] were detected at concentrations ranging from 0.008 to 1.59 mg/kg in the accessible soil samples collected from test pits TP201, TP202, TP203, TP204, and TP206.

One PAH [benzo(a)pyrene] was detected in the accessible soil samples collected from TP202, TP203, TP204, and TP206 at concentrations that exceeded its MEDEP RAG for Residential exposure but did not exceed its RAG for Outdoor Commercial Worker or Excavation/Construction Worker exposure scenarios. Please note that the accessible soils samples collected from these test pits contained identified Site-related fill constituents and the concentrations of benzo(a)pyrene detected in these accessible soil samples did not exceed its respective MEDEP RAG for Rural Developed Background.

No other PAHs were detected in the accessible soil samples collected from the test pits at concentrations exceeding their MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

Potentially Accessible Soil Samples

As shown in Table 4, one or more PAHs [including acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, fluorene, 2-methylnaphthalene, naphthalene, phenanthrene, pyrene] were detected at concentrations ranging from 0.004 to 0.524 mg/kg in the potentially accessible soil samples collected from test pits TP203 and TP204. None of these PAHs exceeded their respective MEDEP RAGs for Excavation/Construction Worker exposure.

<u>Extractable Petroleum Hydrocarbons</u>

Accessible Soil Samples

As shown in Table 4, EPH fractions were not detected at concentrations above their respective laboratory reporting limits in the accessible soil sample collected from TP205. One or more of the following EPH fractions: (C_9–C_{18} aliphatics, C_{19}–C_{36} aliphatics, and C_{11}–C_{22} aromatics] were detected at concentrations ranging from 11.3 to 46 mg/kg in the accessible soil samples collected from test pits TP201, TP202, TP203, TP204, and TP206. However, no EPH fractions were detected at concentrations exceeding their MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

Potentially Accessible Soil Samples

As shown in Table 4, one or more of the following EPH fractions (C_9–C_{18} aliphatics, C_{19}–C_{36} aliphatics, and C_{11}–C_{22} aromatics) were detected at concentrations ranging from 13.2 to 46 mg/kg in the potentially accessible soil samples collected from test pits TP202 and TP203. However, no EPH fractions were detected at concentrations exceeding their MEDEP RAGs for Excavation/Construction Worker exposure.

RCRA 8 Metals

Accessible Soil Samples

As shown in Table 4, arsenic was detected in each accessible soil sample collected from test pits TP201 through TP206 at concentrations ranging from 7.6 to 13 mg/kg. The arsenic concentrations detected in each accessible soil sample exceeded its MEDEP RAG for Residential exposure (1.4 mg/kg) and Outdoor Commercial Worker exposure (4.2 mg/kg), but did not exceed its Undeveloped Background RAG (16 mg/kg).

Barium, chromium, cadmium, lead, mercury, and selenium were detected at concentrations ranging from 0.03 to 91 mg/kg in one or more of the accessible soil samples collected from TP201 through TP206. However, none of these metals were detected at concentrations exceeding their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. In addition, silver was not detected at concentrations above its laboratory reporting limit in any of the accessible soil samples collected from TP201 through TP206.

Potentially Accessible Soil Samples

As shown in Table 4, arsenic was detected in both potentially accessible soil samples collected from test pits TP203 and TP204 at concentrations of 21 and 9.5 mg/kg, respectively. The arsenic concentrations did not exceed its MEDEP RAG for Excavation/Construction Worker exposure (42 mg/kg) and were less than or similar to its Undeveloped Background RAG (16 mg/kg).

Barium, chromium, lead, mercury, and selenium were detected at concentrations ranging from 0.04 to 80 mg/kg in the potentially accessible soil samples collected from TP203 and TP204. However, none of these metals were detected at concentrations exceeding their respective MEDEP RAGs for Excavation/Construction Worker exposure. In addition, cadmium and silver were not detected at concentrations above their laboratory reporting limits in the potentially accessible soil samples collected from TP203 and TP204.

Polychlorinated Biphenyls

Accessible Soil Samples

As shown in Table 4, PCB congeners were not detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected from test pits TP205 and TP206. One or more PCB congeners; (aroclor 1260 and aroclor 1268) were detected at concentrations ranging from 0.0314 to 0.0846 mg/kg in accessible soil samples collected from test pits TP201 through TP204, which did not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. No other PCB congeners were detected above their respective laboratory reporting limits in the accessible soil samples collected at TP201 through TP206.

Potentially Accessible Soil Samples

As shown in Table 4, PCB congeners were not detected at concentrations greater than their respective laboratory reporting limits in the potentially accessible soil sample collected from test pit TP204. One PCB congener (aroclor 1260) was detected at a concentration of 0.0126 mg/kg in the potentially accessible soil sample collected from TP203, which did not exceed its MEDEP RAG for Excavation/Construction Worker exposure. No other aroclors were detected above their respective laboratory reporting limits in the potentially accessible soil samples collected from TP203 and TP204.

Asbestos Fibers in Soil

As noted in the HMI report (Appendix E), asbestos fibers were identified (i.e., "present") in the accessible soil samples collected from test pits TP203 (Lot 77) and TP205 (Lot 68) and the potentially accessible soil sample collected from test pit TP203. Asbestos fibers were not identified (i.e., "absent") in the accessible or potentially accessible soil samples collected from test pits TP201, TP202, TP204, or TP206.

Soil Vapor Sample Analytical Results

Volatile Organic Compounds

As shown in Table 6, the following solvent- and petroleum-related VOCs [1,3-butadiene; 1,2,4-trimethylbenzene; 4-ethyltoluene; acetone; benzene; carbon disulfide; chloromethane; cyclohexane; 3-chloropropene, heptane; n-hexane; isopropanol; methyl ethyl ketone (MEK); naphthalene; propylene; toluene; and xylenes] were detected at concentrations ranging from 5.1 to 427 micrograms per cubic meter ($\mu g/m^3$) in the soil vapor sample collected from soil vapor point SV105.

Only 1,3-butadiene detected in SV105 exceeded its calculated Soil Gas Targets for the Residential exposure scenario, but did not exceed its calculated Soil Gas Target for the Commercial exposure scenario. No other VOCs were detected at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios in the soil vapor samples collected from SV105.

Air Petroleum Hydrocarbons

As shown in Table 6, the following APH fractions (C_5–C_8 aliphatics, C_9–C_{12} aliphatics, and C_9–C_{10} aromatics) and target petroleum VOCs [1,3-butadiene; benzene; ethylbenzene; naphthalene; toluene; and xylenes] were detected at concentrations ranging from 5.3 to 1,400 $\mu g/m^3$ in the soil vapor sample collected from soil vapor point SV105.

Similar to the VOC (TO-15 method) soil vapor results, only 1,3-butadiene detected in the soil vapor sample collected from SV105 exceeded its calculated Soil Gas Targets for the Residential exposure scenario, but did not exceed its calculated Soil Gas Target for the Commercial exposure scenario. No other APH fractions or target petroleum VOCs were detected at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios in the soil vapor samples collected from SV105.

Summary of AOC 2 Findings

Anthropogenic fill material, including bricks, asphalt, ash, metal, and plastic, were encountered in the fill soils throughout the Northern Peninsula, which are likely associated with operations during the Site's former use as a coal/oil-fired power plant (AOC 1), and is therefore referred to as Site-related fill. The Site-related fill-impacted soils were identified to contain PAHs, EPH fractions, metals (arsenic, barium, chromium, lead, mercury, and selenium), and PCBs. The Site-related fill-impacted soils at North Point Lots 68 and 77 were also identified to contain asbestos fibers; although, no obvious evidence of asbestos-containing building materials were encountered in the fill material excavated from these test pits.

One PAH [benzo(a)pyrene] and one metal (arsenic) were detected in Site-related fill-impacted accessible soils at concentrations above their corresponding MEDEP RAGs for the Residential exposure scenario and arsenic also exceeded its MEDEP RAG for Outdoor Commercial Worker exposure. However, the concentrations of benzo(a)pyrene and arsenic did not exceed their MEDEP RAGs for Excavation/Construction Worker exposure. In addition, the detected concentrations of benzo(a)pyrene in accessible soils did not exceed its MEDEP Rural Developed Background RAG. Additionally, the detected concentrations of arsenic in accessible soils did not exceed its MEDEP Undeveloped Background RAG; and therefore, are likely representative of naturally-occurring arsenic concentrations in Maine soils.

PCB congeners were also detected in accessible and potentially accessible soils at the Northern Peninsula at concentrations below their corresponding MEDEP RAGs and the U.S. EPA TSCA threshold of 1 mg/kg. Therefore, the PCBs detected in soils at the Northern Peninsula are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property.

The presence of 1,3-butadiene, a petroleum-related VOC, detected in soil vapor at the Northern Peninsula is likely associated with unknown and/or unreported petroleum release(s) during the Site's former use as a coal/oil-fired power plant (AOC 1). The concentration of 1,3-butadiene detected in soil vapor may adversely impact the indoor air quality of future residential buildings that may be constructed at the Northern Peninsula unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the petroleum-impacted soil vapor identified at this portion of the Site.

4.6 AOC 3: Ash Ponds

This section details the results of the soil samples collected from borings B111 and B112, pore water samples PW101 through PW103, and soil vapor sample SV106. See the previous or following sections for detailed results pertaining to samples collected from soil borings, pore water samples, and soil vapor samples at other AOCs.

Potentially Accessible Soil Sample Analytical Results

Volatile Organic Compounds

As shown in Table 3, two solvent-related VOCs (acetone and 2-butanone) were detected at concentrations ranging from 0.0053 to 0.12 mg/kg in the subsurface soil samples collected from borings B111 and B112. These VOCs did not exceed their respective MEDEP RAGs for

Excavation/Construction Worker exposure. No other VOCs were detected at concentrations greater than their respective laboratory reporting limits in these potentially accessible soil samples collected from borings B111 and B112.

Volatile Petroleum Hydrocarbons

As shown in Table 3, VPH fractions were not detected at concentrations above their respective laboratory reporting limits in potentially accessible soil samples collected from B111 and B112.

Polycyclic Aromatic Hydrocarbons

As shown in Table 3, the following PAHs [acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, pyrene] were detected at concentrations ranging from 0.014 to 1.47 mg/kg in the potentially accessible soil samples collected from borings B111 and B112. These PAHs did not exceed their respective MEDEP RAGs for Excavation/Construction Worker exposure.

Extractable Petroleum Hydrocarbons

As shown in Table 3, two EPH fractions (C_{19}–C_{36} aliphatics and C_{11}–C_{22} aromatics) were detected at concentrations ranging from 7.35 to 23.8 mg/kg in the potentially accessible soil samples collected from borings B111 and B112. These EPH fractions did not exceed their respective MEDEP RAGs for Excavation/Construction worker exposure. The EPH fraction (C_9–C_{18} aliphatics) was not detected above its laboratory reporting limit in the potentially accessible soil samples collected from B111 and B112.

RCRA 8 Metals

As shown in Table 3, one or more of the following RCRA 8 metals (arsenic, barium, chromium, lead, mercury, and silver) were detected at concentrations ranging from 0.02 to 81 mg/kg in the potentially accessible soil samples collected from B111 and B112. The concentration of these metals did not exceed their respective MEDEP RAGs for Excavation/Construction worker exposure. Two RCRA 8 metals (cadmium and selenium) were not detected above their laboratory reporting limits in the potentially accessible soil samples collected from B111 and B112.

Polychlorinated Biphenyls

As shown in Table 3, PCB congeners were not detected at concentrations above their respective laboratory reporting limits in the potentially accessible soil samples collected from B111 and B112.

Pore Water Sample Analytical Results

Volatile Organic Compounds

As shown on Table 5, one solvent-related VOC (acetone) was detected at estimated concentrations ranging from 3.3 to and 3.8 µg/l in pore water samples collected from PW101, PW102, and PW103. Acetone does not have acute or chronic Surface Water Criteria for Saltwater and is a common laboratory contaminant. However, these estimated acetone concentrations were similar to the estimated concentration of acetone that was detected in the background pore water sample (PW-BK). No other VOCs were detected at concentrations greater their respective laboratory reporting limits in the pore water samples collected from PW101, PW102, and PW103.

Volatile Petroleum Hydrocarbons

As shown in Table 5, VPH fractions were not detected at concentrations above their respective laboratory reporting limits in the pore water samples collected from PW101, PW102, and PW103.

Polycyclic Aromatic Hydrocarbons

As shown in Table 5, PAHs were not detected at concentrations above their respective laboratory reporting limits in the pore water samples collected from PW101 and PW102. Two PAHs (2-methylnaphthalene and naphthalene) were detected at estimated concentrations of 0.122 and 0.250 µg/l, respectively, in the pore water sample collected at PW103. Methylnaphthalene and naphthalene do not have acute or chronic Surface Water Criteria for Saltwater. However, the estimated concentrations of these PAHs were below their respective laboratory reporting limits for the background pore water sample (PW-BK). No other PAHs were detected at concentrations greater their respective laboratory reporting limits in the pore water sample collected from PW103.

Extractable Petroleum Hydrocarbons

As shown in Table 5, EPH fractions were not detected at concentrations above their respective laboratory reporting limits in the pore water samples collected from PW101, PW102, and PW103.

Dissolved RCRA 8 Metals

As shown in Table 5, the following dissolved RCRA 8 metals (cadmium, lead, mercury, selenium, and silver) were not detected at concentrations above their respective laboratory reporting limits in the pore water samples collected from PW101, PW102, and PW103.

Dissolved arsenic was detected at a concentration of 6.2 µg/l in the pore water sample collected from PW103. This dissolved arsenic concentration exceeded its background pore water concentration, but did not exceed its acute or chronic Surface Water Criteria for Saltwater. Dissolved arsenic was not detected at concentrations above its laboratory reporting limits in the pore water samples collected from PW101 and PW102.

Dissolved barium was detected at concentrations ranging from 7.2 to 12 µg/l in the pore water samples collected from PW101, PW102, and PW103. Dissolved barium was not detected in the

background pore water sample (PW-BK) at a concentration above its laboratory reporting limit (10 µg/l). Dissolved barium does not have acute or chronic Surface Water Criteria for Saltwater. However, the dissolved barium concentration detected in PW103 did not exceed the background pore water sample's laboratory reporting limit and the dissolved barium concentrations detected in PW101 and PW103 were similar to the background pore water sample's laboratory reporting limit.

Dissolved chromium was detected at estimated concentrations of 2 and 3 µg/l in the pore water samples collected from PW101 and PW102, respectively. These dissolved chromium concentrations did not exceed its acute or chronic Surface Water Criteria for Saltwater and were also less than the laboratory reporting limit for dissolved chromium (10 µg/l) in the background pore water sample (PW-BK). Dissolved chromium was not detected at a concentration above its laboratory reporting limit in the pore water sample collected from PW103.

Soil Vapor Sample Analytical Results

Volatile Organic Compounds

As shown in Table 6, the following solvent- and petroleum-related VOCs [1,3-butadiene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 4-ethyltoluene; 4-methyl-2-pentanone; acetone; benzene; carbon disulfide; chloromethane; chloroform; cyclohexane; dichlorodifluoromethane; heptane; n-hexane; 2-hexanone; isopropanol; methyl ethyl ketone (MEK); naphthalene; propylene; toluene; trichlorofluoromethane (Freon 11)] were detected at concentrations ranging from 0.688 to 37.5 µg/m^3 in the soil vapor sample collected from soil vapor point SV106. No VOCs were detected in this soil vapor sample at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios.

Air Petroleum Hydrocarbons

As shown in Table 6, the following APH fractions (C_5–C_8 aliphatics, C_9–C_{12} aliphatics, and C_9–C_{10} aromatics) and target petroleum VOCs [1,3-butadiene; benzene; naphthalene; toluene; and xylenes] were detected at concentrations ranging from 1.7 to 270 µg/m^3 in the soil vapor sample collected from soil vapor point SV106. No APH fractions or target petroleum VOCs were detected in this soil vapor sample at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios.

Summary of AOC 3 Findings

Anthropogenic Site-related fill material, including bricks and ash, were encountered in the fill soils to the southeast of the Ash Ponds, which are likely associated with operations during the Site's former use as a coal/oil-fired power plant (AOC 1), including construction and operation of the Ash Ponds. The Site-related fill-impacted soils were identified to contain VOCs, PAHs, EPH fractions, and metals (arsenic, barium, chromium, lead, mercury, and silver). However, none of these COCs exceeded their MEDEP RAGs for Excavation/Construction Worker exposure.

Pore water samples collected along the banks of Back River and downgradient from the Ash Ponds were discovered to contain two PAHs (2-methylnaphthalene and naphthalene) and dissolved metals (arsenic, barium, and chromium). The presence of these COCs detected in pore water are likely associated with OHM releases from the Ash Ponds, Site-related fill-impacted soils surrounding the Ash Ponds, and/or

naturally occurring concentrations in Maine soils (e.g., metals). However, these COCs were not detected at concentrations exceeding their acute or chronic Surface Water Criteria for Saltwater and/or were less than or similar to their background pore water concentrations. Therefore, it is inferred that COCs identified in pore water to the southeast of the Ash Ponds (downgradient) have not migrated into the Back River at concentrations that would pose a risk to aquatic life in this saltwater estuary. Please note that acetone, a common laboratory contaminant, was also detected in these pore water samples at estimated concentrations that did not exceed its laboratory reporting limit. Therefore, it's possible that the presence of acetone in these pore water samples may not be associated with an on-site OHM release.

Soil vapor in the vicinity of the Ash Ponds was discovered to contain solvent- and petroleum-related VOCs, which are likely associated with unknown and/or unreported OHM release(s) during the Site's former use as a coal/oil-fired power plant (AOC 1). However, the concentrations of VOCs detected in soil vapor near the Ash Ponds did not exceed their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios. Therefore, it is not anticipated that the indoor air quality of future residential or commercial buildings that may be constructed in the vicinity of the Ash Ponds would be adversely impacted by the presence of solvent- and petroleum-related VOCs detected in soil vapor in the vicinity of the Ash Ponds.

4.7 AOC 4: Ice Pond Lots

This section details the results of the soil samples collected from borings B101 through B106, pore water sample PW104, and soil vapor samples SV101 through SV103. See the previous or following sections for detailed results pertaining to samples collected from soil borings, pore water samples, and soil vapor samples at other AOCs. Please note that soil boring B107 was completed to evaluate potential impacts associated with both the former bulk oil tank area (AOC 4) and the former oiling activities of Point East Drive (AOC 5). Therefore, the laboratory analytical results for petroleum constituents (i.e., VPH fractions, EPH fractions, and PAHs) submitted for boring B107 are discussed in this section (AOC 4) and the laboratory analytical results for all COCs (i.e., VOCs, petroleum-related constituents, PAHs, metals, and PCBs) submitted for boring B107 are discussed in the AOC 5 summary below.

Accessible Soil Sample Analytical Results

Volatile Petroleum Hydrocarbons

As shown in Table 3, VPH fractions were not detected at concentrations greater than their respective laboratory reporting limits in accessible soil samples collected at B101 through B107.

Polycyclic Aromatic Hydrocarbons

As shown in Table 3, PAHs were not detected at concentrations above their respective laboratory reporting limits in the accessible soil samples collected from borings B103 or B104.

One or more of the following PAHs:[acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, pyrene] were detected at concentrations ranging from 0.009 to 0.177 mg/kg in the accessible soil samples collected from borings B101, B102, B105, B106, and B107. However, these PAHs did not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

Extractable Petroleum Hydrocarbons

As shown in Table 3, EPH fractions were not detected at concentrations above their respective laboratory reporting limits in the accessible soil samples collected from borings B101, B102, B104, B105, B106, and B107.

One EPH fraction (C_{11}–C_{22} aromatics) was detected at a concentration of 11 mg/kg in accessible soil sample collected from boring B103, which does not exceed its respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. No other EPH fractions were detected at concentrations above their laboratory reporting limits in the accessible soil sample collected from boring B103. *Polychlorinated Biphenyls.*

As shown in Table 3, PCB congeners were not detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected from borings B101 through B106.

Pore Water Sample Analytical Results

Volatile Organic Compounds

As shown on Table 5, two solvent-related VOCs (acetone and chloroform) were detected at estimated concentrations of 1.8 and 0.22 µg/l, respectively, in pore water sample collected from PW104. Both of these VOCs do not have acute or chronic Surface Water Criteria for Saltwater and acetone is a common laboratory contaminant, as previously discussed. However, their estimated concentrations were less than the estimated concentrations of acetone and chloroform that were detected in the background pore water sample (PW-BK). No other VOCs were detected at concentrations greater their respective laboratory reporting limits in the pore water sample collected from PW104.

Volatile Petroleum Hydrocarbons

As shown in Table 5, VPH fractions were not detected at concentrations above their respective laboratory reporting limits in the pore water sample collected from PW104.

Polycyclic Aromatic Hydrocarbons

As shown in Table 5, PAHs were not detected at concentrations above their respective laboratory reporting limits in the pore water sample collected from PW104.

Extractable Petroleum Hydrocarbons

As shown in Table 5, EPH fractions were not detected at concentrations above their respective laboratory reporting limits in the pore water sample collected from PW104.

Dissolved RCRA 8 Metals

As shown in Table 5, the following dissolved RCRA 8 metals (cadmium, chromium, lead, mercury, selenium, and silver) were not detected at concentrations above their respective laboratory reporting limits in the pore water sample collected from PW104.

Dissolved arsenic was detected at an estimated concentration of 3.9 µg/l in the pore water sample collected from PW104. This dissolved arsenic concentration was almost identical to its background pore water concentration and did not exceed its acute or chronic Surface Water Criteria for Saltwater.

Dissolved barium was detected at an estimated concentration of 4.4 µg/l in the pore water sample collected from PW104. Dissolved barium was not detected in the background pore water sample (PW-BK) at a concentration above its laboratory reporting limit (10 µg/l). Dissolved barium does not have acute or chronic Surface Water Criteria for Saltwater. However, the dissolved barium concentration detected in PW104 did not exceed the background pore water sample's laboratory reporting limit.

Soil Vapor Sample Analytical Results

Volatile Organic Compounds

As shown in Table 6, one or more of the following solvent- or petroleum-related VOCs [1,3-butadiene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 4-ethyltoluene; 4-methyl-2-pentanone; acetone; benzene; carbon disulfide; chloromethane; chloroform, cyclohexane; dichlorodifluoromethane; ethanol; ethylbenzene; heptane; n-hexane; 2-hexanone; isopropanol; methyl ethyl ketone (MEK); methylene chloride; naphthalene; propylene; styrene; tetrachloroethene (PCE); toluene; trichlorofluoromethane (Freon 11); and xylenes] were detected at concentrations ranging from 0.782 to 501 µg/m^3 in the soil vapor samples collected from soil vapor points SV101, SV102, and SV103.

Only 1,3-butadiene detected in the soil vapor sample collected from SV103 exceeded its calculated Soil Gas Targets for the Residential exposure scenario, but did not exceed its calculated Soil Gas Target for the Commercial exposure scenario. No other VOCs were detected at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios in the soil vapor samples collected from SV101, SV102, or SV103.

Air Petroleum Hydrocarbons

As shown in Table 6, the following APH fractions (C_5–C_8 aliphatics, C_9–C_{12} aliphatics, and C_9–C_{10} aromatics) and target petroleum VOCs [1,3-butadiene; benzene; ethylbenzene; naphthalene; toluene; and xylenes] were detected at concentrations ranging from 1.1 to 5,500 µg/m^3 in the soil vapor samples collected from soil vapor points SV101 through SV106.

Similar to the VOC (TO-15 method) soil vapor results, only 1,3-butadiene detected in the soil vapor sample collected from SV103 exceeded its calculated Soil Gas Targets for the Residential exposure scenario, but did not exceed its calculated Soil Gas Target for the Commercial exposure scenario. No other APH fractions or target petroleum VOCs were detected at concentrations that

exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios in the soil vapor samples collected from SV101, SV102, or SV103.

Summary of AOC 4 Findings

Ransom did not observe evidence of petroleum-impacted soils during the advancement of soil borings at the Ice Pond Lots (AOC 4). However, accessible soils throughout the Ice Pond Lots contain PAHs and EPH fractions, but at concentrations that do not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. Therefore, accessible soils at the Ice Pond Lots are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property.

In addition, petroleum-related and/or solvent-related VOCs were detected in soil vapor at the Ice Pond Lots. The presence of 1,3-butadiene, a petroleum-related VOC, detected in soil vapor at the location of former Oil Tank No. 3 is likely associated with documented petroleum release(s) associated with this former tank. The concentration of 1,3-butadiene detected in soil vapor may adversely impact the indoor air quality of future residential buildings that may be constructed in the vicinity of former Oil Tank No. 3 unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the petroleum-impacted soil vapor identified at this portion of the Site.

The pore water sample collected along the banks of Ice Pond and downgradient from the former Oil Tank Area were discovered to contain a solvent-related VOC (chloroform) and dissolved metals (arsenic and barium). The presence of chloroform detected in pore water is likely associated with OHM releases from the former Oil Tank Area and the presence of dissolved arsenic and barium is likely associated with naturally occurring metals concentrations in Maine soils that have leached into pore water. However, these COCs were not detected at concentrations exceeding their acute or chronic Surface Water Criteria for Saltwater and/or were less than their background pore water concentrations. Therefore, it is inferred that COCs identified in pore water to the southeast (downgradient) of the Ice Pond Lots have not migrated into Ice Pond at concentrations that would pose a risk to aquatic life in this saltwater estuary. Acetone, a common laboratory contaminant, was also detected in this pore water sample, but at an estimated concentration that did not exceed its laboratory reporting limit. Therefore, it's possible that the presence of acetone in this pore water sample may not be associated with an on-site OHM release.

4.8 AOC 5: Areas Adjacent to Point East Drive

This section details the results of the soil samples collected from borings B107 (non-petroleum related constituents) and B110, and soil vapor sample SV104. See the previous sections for detailed results pertaining to samples collected from soil borings, pore water samples, and soil vapor samples at other AOCs.

Accessible Soil Sample Analytical Results

Volatile Organic Compounds

As shown in Table 3, two VOCs (acetone and 2-butanone) were detected at concentrations of 0.0039 and 0.034 mg/kg in the accessible soil sample collected from boring B107 and acetone was also detected at an estimated concentration of 0.0018 mg/kg in the accessible soil sample collected from boring B110. These VOCs did not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure

scenarios. No other VOCs were detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected from borings B107 and B110.

Volatile Petroleum Hydrocarbons

As shown in Table 3, VPH fractions were not detected at concentrations greater than their respective laboratory reporting limits in accessible soil samples collected at B107 and B110.

Polycyclic Aromatic Hydrocarbons

As shown in Table 3, one or more of the following PAHs:[acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, pyrene] were detected at concentrations ranging from 0.01 to 0.159 mg/kg in the accessible soil samples collected from borings B107 and B110. However, these PAHs did not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

Extractable Petroleum Hydrocarbons

As shown in Table 3, EPH fractions were not detected at concentrations above their respective laboratory reporting limits in the accessible soil sample collected from boring B107.

Two EPH fractions (C_{19}–C_{36} aliphatics and C_{11}–C_{22} aromatics) were detected at concentrations of 20.5 and 20.2 mg/kg, respectively, in accessible soil sample collected from boring B110. Both of these EPH fractions did not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios.

RCRA 8 Metals

As shown in Table 3, arsenic was detected in the accessible soil samples collected from borings B107 and B110 at concentrations of 13 and 12 mg/kg, respectively. The arsenic concentrations detected in each accessible soil sample exceeded its MEDEP RAG for Residential exposure (1.4 mg/kg) and Outdoor Commercial Worker exposure (4.2 mg/kg). Arsenic was not detected in the accessible soil samples at concentrations exceeding its MEDEP RAG for Excavation/Construction Worker exposure (42 mg/kg) and both of the detected arsenic concentrations were less than its Undeveloped Background RAG (16 mg/kg).

Barium, chromium, lead, and mercury were detected at concentrations ranging from 0.02 to 58 mg/kg in the accessible soil samples collected from B107 and B110. However, none of these metals were detected at concentrations exceeding their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. In addition, cadmium, selenium, and silver were not detected at concentrations above its laboratory reporting limit in the accessible soil samples collected from borings B107 and B110.

Polychlorinated Biphenyls

As shown in Table 3, PCB congeners were not detected at concentrations greater than their respective laboratory reporting limits in the accessible soil samples collected from borings B107 and B110.

Soil Vapor Sample Analytical Results

Volatile Organic Compounds

As shown in Table 6, the following solvent- and petroleum-related VOCs [1,3-butadiene; acetone; benzene; carbon disulfide; chloromethane; heptane; n-hexane; isopropanol; MEK; propylene; and toluene] were detected at concentrations ranging from 3.43 to 84.7 $\mu g/m^3$ in the soil vapor sample collected from soil vapor point SV104. No VOCs were detected in this soil vapor sample at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios.

Air Petroleum Hydrocarbons

As shown in Table 6, the following APH fractions (C_5–C_8 aliphatics and C_9–C_{12} aliphatics) and target petroleum VOCs [1,3-butadiene and benzene] were detected at concentrations ranging from 5.3 to 640 $\mu g/m^3$ in the soil vapor sample collected from soil vapor point SV104. No APH fractions or target petroleum VOCs were detected in this soil vapor sample at concentrations that exceeded their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios.

Summary of AOC 5 Findings

Ransom did not observe evidence of petroleum-impacted soils during the advancement of soil borings along Point East Drive. However, a black layer of organic soils was only encountered in boring B107 from approximately 0.5 to 2 feet bgs. Based on the laboratory analysis, accessible soils along Point East Drive contain VOCs, PAHs, EPH fractions, and metals (barium, chromium, lead, and mercury), but at concentrations that do not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. Arsenic (metal) was detected in accessible soils along Point East Drive at concentrations that exceeded its MEDEP RAGs for Residential and Outdoor Commercial Worker exposure scenarios. However, the detected arsenic concentrations are likely representative of naturally-occurring concentrations in Maine soils. Therefore, accessible soils along Point East Drive are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property.

Soil vapor to the west of the Point East Drive was discovered to contain solvent- and petroleum-related VOCs, which are likely associated with unknown and/or unreported OHM release(s) during the Site's former use as a coal/oil-fired power plant (AOC 1), including former oiling of the roadway (AOC 5). However, the concentrations of VOCs detected in soil vapor Point East Drive did not exceed their respective calculated Soil Gas Targets for Residential or Commercial exposure scenarios. Therefore, it is not anticipated that the indoor air quality of future residential or commercial buildings that may be constructed in the vicinity of Point East Drive would be adversely impacted by the presence of solvent- and petroleum-related VOCs detected in soil vapor in the vicinity of the roadway.

4.9 Hazardous Building Materials

Ransom conducted a HMI concurrent with our Phase II ESA investigation, which included interior and exterior inspections of the Site buildings (Maintenance Building, Ash Pond Pump House, and Hilton Pond Pump House). The HMI identified ACM and lead-based painted surfaces in each of the Site buildings along with potential PCB-containing fluorescent light ballasts and mercury-containing fluorescent light tubes inside the buildings. These materials will need to be properly abated and/or removed if disturbed during future Site redevelopment including demolition and/or restoration of the Site buildings. Additionally, the HMI included an evaluation of potential impacts to accessible soils in the "drip zone" of these buildings that may be associated with flaking of exterior lead-based painted surfaces. Results of the HMI are detailed in the full HMI report, provided as Appendix E.

5.0 QUALITY ANALYSIS/QUALITY CONTROL

The contracted laboratory, Alpha of Westborough, Massachusetts, provided Level II analytical data according to U.S. EPA protocols and laboratory data validation guidance included in Ransom's Generic QAPP for Brownfield sites in Maine. Analytics provided the following information in analytical reports:

1. Data results sheets;
2. Method blank results;
3. Surrogate recoveries and acceptance limits;
4. Duplicate results/acceptance limits;
5. Spike/duplicate results/acceptance limits;
6. Laboratory control sample results;
7. Description of analytical methods and results; and
8. Other pertinent results/limits as deemed appropriate.

As outlined in the Generic QAPP, at the completion of the field tasks and receipt of the analytical results, a data usability analysis was conducted to document the precision, bias, accuracy, representativeness, comparability, and completeness of the results. The following sections present this analysis.

5.1 Precision

Precision measures the reproducibility of measurements. The precision measurement is established using the relative percent difference (RPD) between the duplicate sample results. Relative percent differences were calculated for soil, soil vapor, and pore water samples where both sample and duplicate values were greater than five times the Practical Quantitation Limit (PQL) of the analyte. The RPD is calculated as follows:

$$RPD = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Mean of the Two Results}} \times 100$$

Duplicate soil, soil vapor, and pore water samples were collected for laboratory analysis. The duplicate soil sample (SS-DUP) was collected from accessible soil sample SS107 and was submitted for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, RCRA 8 Metals, and PCBs. The duplicate pore water sample (PWDUP) was collected from pore water sample point PW104 and was submitted for laboratory analysis of VOCs, PAHs, VPH fractions, EPH fractions, RCRA 8 Metals, and PCBs. The duplicate soil vapor sample (SVDUP) was collected from temporary soil vapor sample point SV103 and was submitted for laboratory analysis of VOCs and APH compounds. A summary of duplicate sample analytical results and calculated RPDs is presented in the attached Table 7.

Accessible Soil Sample (SS107)

Two VOCs (acetone & p-isopropyltoluene) were detected at concentrations greater than five times their PQL in SS107 and its duplicate SS-DUP. The RPD for acetone was below its 50 percent guideline and the RPD for p-isopropyltoluene was above its 50 percent guideline. Therefore, the precision of these sample results fall outside of its acceptable range.

Seven PAHs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene, and pyrene] were detected at concentrations greater than five times their PQL in SS107 and its duplicate SS-DUP. The RPDs for these compounds were above their 50 percent guideline. Therefore, the precision of these sample results fall outside of its acceptable range and is likely due to the heterogeneity of the sample matrix.

Five metals (arsenic, barium, chromium, lead, and mercury) were detected at concentrations greater than five times their PQL in SS107 and its duplicate SS-DUP. The RPDs for these compounds were below their 50 percent guideline. Therefore, the precision of these sample results are acceptable and is likely due to the heterogeneity of the sample matrix.

No other VOCs, PAHs, or metals were detected at concentrations greater than five times their PQL and no EPH fractions, VPH fractions, or PCBs were detected at concentrations greater than their respective laboratory reporting limits in either SS107 and/or SS-DUP. Therefore, no RPD was applicable for these COCs.

Soil Vapor Sample (SV103)

Twenty VOCs [acetone; benzene; 1,3-butadiene; carbon disulfide; chloromethane; ethanol; ethylbenzene; 4-ethyl toluene; heptane; n-hexane; isopropanol; methyl ethyl ketone (2-butanone); 4-methyl-2-pentanone; naphthalene; propylene; styrene; toluene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; xylenes] were detected at concentrations greater than five times their PQL in SV103 and its duplicate SVDUP. The RPD for carbon disulfide was below the 30 percent guideline and the RPDs for the remaining 19 VOCs, listed above, were above the 30 percent guideline. Therefore, the precision of this sample result falls outside the acceptable range.

Six target petroleum VOCs of the APH method (1,3-butadiene, benzene, ethylbenzene, naphthalene, toluene, xylenes) were detected at concentrations greater than five times their PQL in SV103 and its duplicate SVDUP. The RPD for 1,3-butadiene was below the 30 percent guideline and the RPDs for the remaining 5 VOCs, listed above, were above the 30 percent guideline. Therefore, the precision of these sample results fall outside the acceptable range.

Three VPH fractions of the APH method (C_5-C_8 aliphatics, C_9-$_{12}$ aliphatics, C_9-C_{10} aromatics) were detected at concentrations greater than five times their PQL in SV103 and its duplicate SVDUP. The RPD for C_5-C_8 aromatics was below the 30 percent guideline and the RPDs for the remaining 2 VPH fractions, listed above, were above the 30 percent guideline. Therefore, the precision of these sample results fall outside the acceptable range.

No other VOCs using the TO-15 method or VPH fractions and target petroleum VOCs using the APH method were detected at concentrations greater than their respective laboratory reporting limits in either SV103 and/or its duplicate soil vapor sample (SVDUP). Therefore, no RPD was applicable for these COCs.

Pore Water Sample (PW102)

VOCs, PAHs, VPH fractions, EPH fractions, and dissolved RCRA 8 metals were not detected in the pore water sample PW104 or its duplicate pore water sample (PWDUP) at concentrations greater than five times their respective PQLs. Therefore, no RPD was applicable for these COCs.

5.2 Bias

Bias is the systematic or persistent distortion of a measurement process that causes errors in one direction. Bias assessments are made using personnel, equipment, and spiking materials or reference materials, as independent as possible from those used in the calibration of the measurement system. Bias assessments were based on the analysis of spiked samples so that the effect of the matrix on recovery is incorporated into the assessment. A documented spiking protocol and consistency in following that protocol are important to obtaining meaningful data quality estimates.

Matrix spike and matrix spike duplicate samples (MS/MSD) were used to assess bias as prescribed in the specified methods. Acceptable recovery values were within the recoveries specified by each of the analysis methods. Control samples for assessing bias were analyzed at a rate as specified in the analytical SOPs and specified analytical methods.

The lab provides quality control non-conformance reports that indicate if Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD) and/or MS/MSD had low, failing, or high recoveries, and if the sample result was affected. Likewise, the lab reports any compounds that had failing RPDs in the LCS/LCSD pair or the MS/MSD pair. This indicates the percent difference between the lab sample and its duplicate or the spike and its' duplicate. Specific comments from the laboratory included the following:

Volatile Organic Compounds

There were no bias issues identified by the laboratory in the soil or soil vapor samples collected and analyzed for VOCs. However, the reporting limits for soil sample SS108; and soil vapor samples SV102, SV103, SV104, SV105, and SVDUP were elevated due to the dilution required by target compounds in the soil and soil vapor matrix, respectively.

The elevated reporting limits do not interfere with Ransom's ability to identify potential exposure risks associated with the sample results since the elevated reporting limits of these VOCs did not exceed their corresponding applicable regulatory guidelines. There were no other bias issues identified by the laboratory in the soil or soil vapor samples collected and analyzed for VOCs.

Volatile Petroleum Hydrocarbons & Air Petroleum Hydrocarbons

There were no bias issues identified by the laboratory in the soil samples collected and analyzed for VPH fractions. However, the detection limits for VPH fractions were elevated in pore water samples PW101 and PW102 due to the dilution required by the sample matrix. The elevated detection limits do not interfere with Ransom's ability to identify potential exposure risks associated with the sample results since the elevated detection limits of the VPH fractions did not exceed their corresponding applicable regulatory guidelines.

The reporting limits for APH compounds (target petroleum VOCs and VPH fractions) in the soil vapor samples SV102, SV103, SV104, and SVDUP were elevated due to the use of nitrogen gas to pressurize the sample canisters upon receipt by the laboratory due to the low sample volume. In addition, the reporting limits for APH compounds (target petroleum VOCs and VPH fractions) in the soil vapor sample SV105 were elevated as a result of the low sample volume used in analysis (no nitrogen gas was used). The elevated reporting limits do not interfere with Ransom's ability to identify potential exposure risks associated with the sample results since the elevated reporting limits of the APH compounds (target petroleum VOCs and VPH fractions) did not exceed their corresponding applicable regulatory guidelines.

There were no other bias issues identified by the laboratory in the soil vapor or pore water samples collected and analyzed for target petroleum VOCs or VPH fractions.

Extractable Petroleum Hydrocarbons & Polycyclic Aromatic Hydrocarbons

There were no bias issues identified by the laboratory in the soil or pore water samples collected and analyzed for EPH and target PAHs.

Metals

The laboratory indicated that soil samples collected from B110, TP203, and TP204 for all RCRA 8 metals, and pore water sample PW101 for mercury had elevated detection limits due to heterogeneity of the sample matrix. The elevated detection limits do not exceed the applicable regulatory guidelines, and therefore, do not interfere with Ransom's ability to identify potential exposure risks associated with the sample results. The laboratory indicated that the pore water sample collected from PW103 had an unacceptable recovery of the matrix spike for silver due to its sample matrix. However, this does not interfere Ransom's ability to identify potential exposure risks associated with the sample results.

There were no other bias issues identified by the laboratory in the soil or pore water samples collected and analyzed for metals.

PCBs

There were no bias issues identified by the laboratory in the soil samples collected and analyzed for PCBs.

5.3 Accuracy

Accuracy is a statistical measurement of correctness and includes components of random error (variability due to imprecision) and systemic error. Therefore, it reflects the total error associated with a measurement. A measurement is accurate when the value reported does not differ from the true value or known concentration of the spike or standard. For volatile and semi-volatile organic compounds, surrogate compound recoveries are also used to assess accuracy and method performance for each sample analyzed. Analysis of performance evaluation samples will also be used to provide additional information for assessing the accuracy of the analytical data being produced. Both accuracy and precision are calculated for each analytical batch, and the associated sample results are interpreted by considering these specific measurements.

The lab provides a non-conformance summary that reports if all of the quality control criteria including initial calibration, calibration verification, surrogate recovery, holding time and method

accuracy/precision for analysis were within acceptable limits. According to the laboratory, all of the quality control criteria for these analyses were within acceptable limits.

5.4 Representativeness

Objectives for representativeness are defined for each sampling and analysis task and are a function of the investigative objectives. Representativeness was accomplished during this project through use of standard field, sampling, and analytical procedures. All objectives for sampling and analytical representativeness, as specified in SSQAPP, were met.

5.5 Comparability

Comparability is the confidence with which one data set can be compared to another data set. The objective for this QA/QC program is to produce data with the greatest possible degree of comparability. Comparability was achieved by using standard methods for sampling and analysis, reporting data in standard units, normalizing results to standard conditions, and using standard and comprehensive reporting formats. Complete field documentation was used, including standardized data collection forms to support the assessment of comparability. Historical comparability shall be achieved through consistent use of methods and documentation procedures throughout the project.

5.6 Completeness

Completeness is calculated by comparing the number of samples successfully analyzed to the number of samples collected. The goal for completeness is 95 percent. The completeness for this project was 100 percent, as there were no samples that could not be analyzed due to holding time violations, samples spilled or broken, or any other reason.

6.0 CONCLUSIONS

Based on the results of this Phase II ESA, soils throughout the Site do not present an exposure risk to future occupants or workers with the exception of COCs identified in soils at the North Point Lots. Accessible soils (0 to 2 feet bgs) and potentially accessible soils (deeper than 2 feet bgs) at the North Point Lots contain anthropogenic Site-related fill material, including bricks and ash, which are likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant.

Based on the laboratory analytical results, Site-related fill-impacted accessible and potentially accessible soils at the North Point Lots were also identified to contain PAHs, EPH fractions, metals, and PCBs. However, none of these COCs were detected in accessible soils at concentrations that exceeded their respective MEDEP RAGs with the exception of one PAH [benzo(a)pyrene] and one metal (arsenic). The arsenic concentrations in soil at the North Point Lots were observed to be representative of naturally-occurring concentrations in Maine soils. In addition, the accessible and potentially accessible soils at two North Point Lots (Lot 68 and 77) were also identified to contain asbestos fibers; although, no obvious evidence of asbestos-containing building materials were encountered in the fill material excavated from test pits at the North Point Lots. The PAHs and asbestos fibers detected in accessible and potentially accessible soils at the North Point Lots may pose an exposure risk to future residential occupants or commercial workers, unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the impacted soil identified at these portions of the Site.

Ransom's observations and laboratory analytical results of soil samples collected at the North Point Lots during this Phase II ESA are generally similar to Jacques Whitford's subsurface investigation in 2004. Please note that in 2007, an estimated 1,500 to 2,000 cubic yards of coal and co-mingled materials were estimated to remain in the vicinity of the northern portion the Mason Station property, specifically in the vicinity of the North Point Lots. During the subsequent coal removal activities, a 4-to 6-inch thick seam of coal about 2 feet bgs was observed at the northern extent of coal excavation in the vicinity of the North Point Lots. Removal of this seam was discontinued because the excavation was approaching a fill area suspected of containing asbestos at the northern portion of the Mason Station peninsula. Although obvious evidence of this coal seam was not observed during this Phase II ESA likely due to its discontinuous/sporadic locations at the North Point Lots, asbestos-fiber impacted soils were identified at North Point Lots 68 and 77.

Arsenic (metal) was also detected in all accessible soils collected throughout the Site at concentrations above its corresponding MEDEP RAGs for the Residential and Outdoor Commercial Worker exposure scenarios. Five soil samples, including accessible and potentially accessible soils, had arsenic concentrations greater than the Undeveloped Background RAG (SS103-SS106 &TP203-S3) ranging from 17-23mg/kg. However, these exceedances in arsenic are most likely representative of naturally-occurring arsenic concentrations in Maine soils. The other seven of the RCRA 8 metals (barium, cadmium, chromium, lead, mercury, selenium, and silver) were also detected in accessible and potentially accessible soils throughout the Site, but at concentrations that did not exceed their respective MEDEP RAGs. Therefore, it's not anticipated that these metals in Site soils would pose an exposure risk to future residential and commercial occupants or construction workers at the property.

Anthropogenic Site-related fill material, including bricks and ash, were encountered in the potentially accessible soils to the southeast of the Ash Ponds, which are likely associated with operations during the Site's former use as a coal/oil-fired power plant and/or construction and operation of the Ash Ponds. Please note that Site-related fill does not include the clean fill used during the removal of the ASTs and re-grading activities in AOC 4. The Site-related fill-impacted potentially accessible soils were identified

to contain VOCs, PAHs, EPH fractions, and metals (arsenic, barium, chromium, lead, mercury, and silver). However, none of these COCs exceeded their MEDEP RAGs for Excavation/Construction Worker exposure. These results are generally similar to Jacques Whitford's investigation in 2004, which included an evaluation of soils adjacent to the Ash Ponds.

No observed evidence of petroleum-impacted soils was noted during the advancement of soil borings at the Ice Pond Lots (former bulk oil tank area). However, accessible soils throughout the Ice Pond Lots contain PAHs and EPH fractions, but at concentrations that do not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. Therefore, accessible soils at the Ice Pond Lots are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property. This data is confirms the results of previous environmental investigations that were conducted at the former bulk oil tank area, specifically, Haley & Aldrich's investigation in 1992 and Jacques Whitford's investigation in 2004. In 2005 and 2006, approximately 4,500 tons of petroleum-impacted soil and approximately 250 tons of petroleum-impacted gravel at the former oil tank area was excavated and disposed off-site. In 2006, approximately 443 tons of lead-impacted accessible soil in the vicinity of the former oil tank area was also excavated and disposed off-site and an approximate 4-foot layer of clean fill was reportedly placed over the residual petroleum- and lead-impacted soils. The remedial actions and confirmatory sampling results were reviewed by MEDEP, and no further clean-up action was required. Additionally, the XRF results from this Phase II ESA show low lead concentrations in soil samples and further support the success of the 2006 lead remediation activities.

One accessible soil sample (SS108) collected to the southeast of the former bulk oil tank area was discovered to contain PAHs at concentrations above their corresponding MEDEP RAGs for Residential and Outdoor Commercial Worker exposure. Since widespread impacts to accessible soils were not identified during this Phase II investigation or previous investigations, it is inferred that this area of Site-related fill-impacted accessible soil with elevated PAHs is localized and likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant. Therefore, it's possible that PAHs detected in this accessible soil sample that was collected to the southeast of the former bulk oil tank area may pose an exposure risk to future residential occupants or commercial workers, unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the impacted accessible soil identified at this portion of the Site.

Ransom did not observe evidence of petroleum-impacted soils during the advancement of soil borings along Point East Drive, as previously noted during Jacques Whitford's subsurface investigation in 2004. A layer of black, organic accessible soils was encountered in one soil boring that was advanced along the roadway, but these black, organic soils did not appear to be associated with former roadway oiling activities. Based on the laboratory analysis, accessible soils along Point East Drive contain VOCs, PAHs, EPH fractions, and metals (barium, chromium, lead, and mercury), but at concentrations that do not exceed their respective MEDEP RAGs for Residential, Outdoor Commercial Worker, or Excavation/Construction Worker exposure scenarios. The presence of these COCs in accessible soils near Point East Drive is likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant and/or former oiling of the roadway. Therefore, accessible soils along Point East Drive are not anticipated to pose an exposure risk to future residential and commercial occupants or construction workers at the property.

PCB congeners were detected in Site soils but at concentrations below their corresponding MEDEP RAGs and the U.S. EPA TSCA threshold of 1 mg/kg. These results were generally similar to PCB concentrations detected in soils during Jacques Whitford's environmental investigation that was

conducted throughout the Mason Station peninsula in 2004. The presence of PCBs in Site soils is likely associated with historic fill deposition during the Site's former use as a coal/oil-fired power plant.

Since groundwater contamination/flow direction at the Site have been well documented during previous investigations, public water is available to the Site and vicinity, and on-site groundwater extraction is proposed to be restricted in accordance with a DEC, this Phase II ESA did not include the collection and laboratory analysis of groundwater samples for evaluation of potential contamination. However, this Phase II ESA included an assessment of pore water along the banks of the Back River and Ice Pond in order to evaluate whether a potential OHM release originating from the former bulk tank area or Ash Ponds may adversely impact surface water quality in these saltwater estuaries.

Based on the laboratory analytical results, pore water samples collected along the banks of the Back River and Ice Pond was discovered to contain solvent-related VOCs, PAHs, and dissolved metals (arsenic, barium, and chromium). The presence of these COCs detected in pore water are likely associated with OHM releases from the Ash Ponds or the former bulk tank area, Site-related fill-impacted soils at the Site, and/or naturally occurring concentrations in Maine soils (e.g., metals). However, these COCs were not detected at concentrations exceeding their acute or chronic Surface Water Criteria for Saltwater and/or were less than or similar to their background pore water concentrations. Therefore, it is inferred that COCs identified in pore water have not migrated into Back River or Ice Pond at concentrations that would pose a risk to aquatic life in these saltwater estuaries.

Soil vapor throughout the Site was discovered to contain VOCs and APH compounds, but at concentrations that did not exceed their calculated MEDEP Soil Gas Targets for Residential or Commercial exposure scenarios with the exception of 1,3-butadiene, a petroleum-related VOC. 1,3-butadiene was detected in soil vapor at concentrations that exceeded its calculated MEDEP Soil Gas Targets for Residential exposure only at the soil vapor location in the Northern Peninsula and at the location of former Oil Tank No. 3. The presence of 1,3-butadiene detected in soil vapor at the Northern Peninsula is likely associated with unknown and/or unreported petroleum release(s) at this portion of the property during the Site's former use as a coal/oil-fired power plant. The presence of 1,3-butadiene detected in soil vapor at the location of former Oil Tank No. 3 is likely associated with documented petroleum release(s) associated with this former tank. The concentration of 1,3-butadiene detected in soil vapor may adversely impact the indoor air quality of future residential buildings that may be constructed at the Northern Peninsula and at the location of former Oil Tank No. 3 unless remedial activities and/or mitigation measures are enacted to prevent or mitigate exposure to the petroleum-impacted soil vapor identified at these portions of the Site.

The HMI conducted as part of this Phase II ESA identified asbestos-containing material and lead-based painted surfaces in the Maintenance Garage, Ash Pond Pump House, and the Hilton Pond Pump House (the "Site buildings") along with potential PCB-containing fluorescent light ballasts and mercury-containing fluorescent light tubes inside the buildings. These materials will need to be properly abated and/or removed if disturbed during future Site redevelopment including demolition and/or restoration of the buildings.

7.0 RECOMMENDATIONS

Based on the information obtained during this Phase II Investigation, Ransom recommends the following with respect to the proposed Site redevelopment:

1. The results of the Phase II ESA completed for the Site should be submitted to the MEDEP VRAP. The MEDEP VRAP is a voluntary program that offers technical review of environmentally-impacted sites and ultimately provides state liability protections for interested parties, including a "No Action Assurance" (NAA) letter, "No Further Action Assurance" (NFAA) letter, and/or a "Certificate of Completion" letter (i.e., no further action required), provided that proper and appropriate environmental assessment and cleanup/remedial actions are completed, as approved by the MEDEP.

   MEDEP VRAP will likely require a deed restriction and/or institutional control(s) in the form of a DEC in order to potentially restrict/prohibit excavation of impacted soils and/or extraction of groundwater at the Site, without proper MEDEP notification/approvals and implementation of a Soil and Groundwater Management Plan and Health and Safety Plan;

2. As a likely condition of the MEDEP VRAP and assuming U.S. EPA Brownfields Cleanup funding under a Grant, Subgrant, and/or Loan will be utilized for cleanup of the Site, prepare a Site-specific Analysis of Brownfields Cleanup Alternatives and Conceptual Remedial Action Plan (ABCA/RAP) for review and approval by the MEDEP and U.S. EPA prior to future Site cleanup and redevelopment activities;

3. The risk of human exposure to elevated concentrations of contaminants identified in accessible soils at concentrations exceeding their respective MEDEP RAGs for Residential and Outdoor Commercial Worker exposure scenarios should be mitigated in accordance with the guidance and approval of MEDEP's VRAP.

4. Similar to previous remediation activities at various areas of the Mason Station peninsula, soil mitigation measures to prevent exposure to identified contamination and potential migration of contaminants throughout remaining portions of the Site will likely be required. These mitigation measures will likely include engineering controls consisting of the placement of a low-permeable or impermeable soil cover systems or other barrier systems (e.g., pavement, concrete, building foundations in order to prevent contact and exposure to remaining contaminated soil and groundwater) and/or targeted excavation and proper off-site disposal of contaminated soils. Additional contaminant delineation or confirmatory sampling may also be necessary, prior to or during implementation of the selected remedial action;

5. The risk of human exposure to asbestos fibers identified in soils at North Point Lots 68 and 77 during this Phase II ESA should be mitigated in accordance with the "North Peninsula Fill Area Closure Plan, which was prepared by Ransom and dated August 20, 2008. Please note that North Point Lots 77 and 79 are previously included in this closure plan. MEDEP approved this plan on July 1, 2008 and Ransom recommends that this closure plan be updated to meet current regulatory guidelines and/or standards, resubmitted to the MEDEP for approval, and undertaken to reduce the contact risk with these materials;

6. A vapor barrier and/or passive sub-slab depressurization system should also be incorporated into the design of any new proposed residential dwellings in the vicinity of former Oil Tank No. 3 and at the Northern Peninsula in order to mitigate potential impacts to indoor air quality from potential vapor intrusion of volatile compounds identified in soil vapor at these portions of the Site. Vapor mitigation systems are similar and/or analogous to radon mitigation systems and are relatively easy to install and incorporate into the design of new building foundations;

7. The license permitting the operation of the Ash Ponds has expired, and the Ash Ponds are no longer in operation. A plan titled Closure Plan for Decommissioning of Wastewater Treatment (Ash) Ponds (August 14, 2006) prepared by Ransom was approved with conditions by the MEDEP on September 7, 2006; however, decommissioning activities were not completed by the owner at that time. Decommissioning and closure activities proposed by Ransom include pumping out the remaining water in the Ash Ponds, dewatering and removal of the remaining sediment, offsite disposal of sediment/water waste (disposal characterization testing would likely be required by the accepting disposal facility), excavation and removal of asphalt liners, confirmatory soil sampling beneath the liners for laboratory analysis various parameters. This plan should be updated, re-submitted to the MEDEP for approval, and undertaken in order to properly decommission the Ash Ponds; and

8. Prior to renovation and/or demolition of the Maintenance Building, Ash Pond Pump House, and Hilton Pond Pump House, identified hazardous building materials that will be disturbed by these activities must be properly abated, removed, and/or addressed according to the recommendations provided in our HMI report, which was prepared concurrently with this Phase II ESA.

8.0 REFERENCES

1. Hydrogeologic Evaluation, Mason Station, Wiscasset, Maine, Haley & Aldrich, Inc., June 30, 1992.

2. Phase II Environmental Site Assessment Report, Mason Station, Wiscasset, Maine, Jacques Whitford Company, Inc, November 10, 2004.

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9.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Ransom performed services in a manner consistent with the guidelines set forth in the American Society for Testing and Materials (ASTM) E 1903-97 (Standard Practices for Environmental Site Assessments: Phase II Environmental Site Assessment Process), and in accordance with the scope of work and standard operating procedures outlined in the QAPP and SSQAPP.

The following Ransom personnel possess the sufficient training and experience necessary to conduct a Phase II Environmental Site Assessment, and from the information generated by such activities, have the ability to develop opinions and conclusions regarding recognized environmental conditions in connection with the Subject Property.

Environmental Professionals:

Michelle C. Devoe
Project Scientist I/Primary Author

Aaron R. Martin, C.G.
Project Manager/Primary Reviewer

Stephen J. Dyer, P.E.
LCRPC Brownfields Program Manager

TABLE 1: SOIL SAMPLE FIELD SCREENING RESULTS: METALS
Phase II Environmental Site Assessment
Point EastMaritime Village
Birch Point Road
Wiscasset, Maine

Boring ID	Sample Depth (ft.)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
SS101	0-2	15	<529	<60	<146	13	<12	<4	<45
SS102	0-2	20	<477	<50	<134	18	12	<3	<37
SS103	0-2	21	<584	<60	<166	<13	<12	<4	<45
SS104	0-2	11	<411	<46	<116	19	<9	4	<34
SS105	0-2	17	<489	<50	<145	19	<10	<3	<37
SS106	0-2	19	<465	<47	<134	13	<9	<3	<35
SS107	0-2	14	<446	<48	<124	29	<8	<3	<36
SS108	0-2	<16	<535	<62	<150	27	<11	<5	<46
B101	0-2	22	<541	<59	<160	25	<12	<4	<43
B102	0-2	18	<527	<60	<162	30	<12	<5	<45
B103	0-2	16	<523	<59	<151	23	<11	<4	<43
B104	0-2	18	<459	<50	<134	13	<10	<4	<37
B105	0-2	17	<563	<58	<164	36	<12	<5	<43
B106	0-2	<14	<529	<51	<158	31	<10	<3	<38
B107	0-2	15	524	<57	<142	17	<10	<4	<42
B108	0-2	<14	679	<61	<158	18	<13	<4	<45
B109	0-2	<14	<566	<62	<161	15	<12	<4	<46
B110	0-2	13	<417	<46	<119	27	<8	<3	<35
B111	0-2	34	728	<49	<137	34	<10	<4	<37
B112	0-2	22	949	<49	184	27	<9	<4	<37
B112	4-8	<11	574	<48	<120	23	<9	<3	<35
TP201	0-2	<15	829	<58	<157	31	<12	<4	<43
TP202	0-2	<15	472	<54	<136	44	<11	<4	<40
TP203	0-2	<16	536	<58	<149	39	<11	<4	<43
TP203	4-6	18	602	<45	<119	29	<9	5	<33
TP204	0-2	<13	829	<48	134	41	11	4	<36
TP204	2-4	13	<356	<43	<102	16	<9	<3	<32
TP205	0-2	25	609	<59	<159	16	<11	<4	<44
TP206	0-2	14	576	<48	<119	22	<9	<3	<35

NOTES:
1. mg/kg = milligrams per kilogram; < = Not detected above instrument detection limit.
2. Soil samples screened for metals in accordance with MEDEP's "Protocol for Collecting Data Using an Innov-X Field Portable X-Ray

TABLE 2: Accessible Soil Sample Laboratory Analytical Results
Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Sample Location	AOC 1: (Site-Wide)								**MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (February 5, 2016)**					
Sample Identification	SS101	SS102	SS103	SS104	SS105	SS106	SS107	SS108						
Sample Depth (ft bgs)	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2						
Exposure Scenario Based on Soil Sample Depth (ft bgs)	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	**Residential (0-2 feet bgs)**	**Park User (0-2 feet bgs)**	**Outdoor Commercial Worker (0-2 feet bgs)**	**Excavation/ Construction Worker (All Soil Depths)**	**Undeveloped Background**	**Rural Developed Background**
Date Collected	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016						
Volatile Organic Compounds (VOCs)	**Concentrations in Miligrams per Kilogram (mg/kg)**													
Acetone	0.004 J	BRL (0.044)	0.0053 J	0.019 J	0.009 J	0.0086 J	0.052 J	BRL (4.900)	10,000	10,000	10,000	10,000	NE	NE
Methylene Chloride	BRL (0.014)	BRL (0.012)	BRL (0.014)	BRL (0.016)	BRL (0.017)	0.0015 J	BRL (0.016)	BRL (1.400)	1,000	1,700	10,000	10,000	NE	NE
p-Isopropyltoluene	BRL (0.0014)	BRL (0.0012)	BRL (0.0014)	BRL (0.0016)	BRL (0.0017)	BRL (0.0012)	0.0012 J	BRL (0.140)	NE	NE	NE	NE	NE	NE
All other VOCs	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	Various	Various	Various	Various	NE	NE
Target Polycyclic Aromatic Hydrocarbons (PAHs)	**Concentrations in mg/kg**													
Acenaphthene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	0.232 J	0.005 J	7500	10,000	10,000	9,800	NE	0.10
Acenaphthylene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	1.52	0.031	7,500	10,000	10,000	10,000	NE	0.32
Anthracene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	2.56	0.020 J	10,000	10,000	10,000	3,800	NE	0.29
Benzo(a)anthracene	BRL (0.030)	0.009 J	0.016 J	0.009 J	BRL (0.032)	BRL (0.032)	**6.24**	0.060	2.6	4.4	35	430	NE	0.86
Benzo[a]pyrene	BRL (0.030)	0.009 J	0.015 J	0.009 J	BRL (0.032)	BRL (0.032)	**5.06**	0.086	0.26	0.44	3.5	43	NE	1.5
Benzo[b]fluoranthene	BRL (0.030)	0.013 J	0.019 J	0.015 J	BRL (0.032)	BRL (0.032)	**6.16**	0.091	2.6	4.4	35	430	NE	1.3
Benzo(k)fluoranthene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	2.14	0.026 J	26	44	350	4300	NE	0.69
Benzo(ghi)perylene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	3.16	0.069	3,700	6,200	10,000	10,000	NE	0.57
Chrysene	BRL (0.030)	0.012 J	0.021 J	BRL (0.035)	BRL (0.032)	BRL (0.032)	6.4	0.075	260	440	3,500	10,000	NE	1.0
Dibenzo(a,h)anthracene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	**0.752**	0.014 J	0.26	0.44	3.5	43	NE	0.32
Fluoranthene	0.011 J	0.017 J	0.034	0.018 J	BRL (0.032)	BRL (0.032)	15.2	0.102	5,000	8,300	10,000	10,000	NE	2.0
Fluorene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	2.04	0.008 J	5,000	8,300	10,000	10,000	NE	0.22
Indeno(1,2,3-cd)Pyrene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	**3.17**	0.060	2.6	4.4	35	430	NE	0.40
2-Methylnaphthalene	BRL (0.030)	BRL (0.028)	BRL (0.031)	BRL (0.035)	BRL (0.032)	BRL (0.032)	0.218 J	0.022 J	500	830	3,600	600	NE	0.16
Naphthalene	BRL (0.030)	BRL (0.028)	0.008 J	BRL (0.035)	BRL (0.032)	BRL (0.032)	0.406	0.042	2,500	4,200	10,000	10,000	NE	0.11
Phenanthrene	BRL (0.030)	0.009 J	0.022 J	BRL (0.035)	BRL (0.032)	BRL (0.032)	15.2	0.074	3,700	6,200	10,000	8,900	NE	0.83
Pyrene	0.011 J	0.017 J	0.035	0.016 J	BRL (0.032)	BRL (0.032)	12.9	0.121	3,700	6,200	10,000	10,000	NE	2.0
Extractable Petroleum Hydrocarbon (EPH) Fractions	**Concentrations in mg/kg**													
C9-C18 Aliphatics	BRL (7.44)	7.06	BRL (7.74)	BRL (8.66)	BRL (7.88)	BRL (8.11)	BRL (16.0)	BRL (7.40)	2,700	4,400	10,000	10,000	NE	NE
C19-C36 Aliphatics	BRL (7.44)	7.06	BRL (7.74)	BRL (8.66)	18.8	BRL (8.11)	BRL (16.0)	BRL (7.40)	10,000	10,000	10,000	10,000	NE	NE
C11-C22 Aromatics	BRL (7.44)	7.06	BRL (7.74)	BRL (8.66)	BRL (7.88)	BRL (8.11)	171	8.48	750	1,200	5,500	10,000	NE	NE
Volatile Petroleum Hydrocarbon (VPH) Fractions	**Concentrations in mg/kg**													
C5-C8 Aliphatics	BRL (7.40)	5.25	BRL (8.45)	BRL (7.75)	BRL (5.42)	BRL (6.25)	BRL (6.85)	BRL (3.38)	1,400	2,300	10,000	10,000	NE	NE
C9-C12 Aliphatics	BRL (7.40)	5.25	BRL (8.45)	BRL (7.75)	BRL (5.42)	BRL (6.25)	BRL (6.85)	15.7	2,700	4,400	10,000	10,000	NE	NE
C9-C10 Aromatics	BRL (7.40)	5.25	BRL (8.45)	BRL (7.75)	BRL (5.42)	BRL (6.25)	BRL (6.85)	12.4	750	1,200	5,500	10,000	NE	NE
Metals	**Concentrations in mg/kg**													
Arsenic	**15**	**16**	**20**	**17**	**23**	**20**	**16**	**13**	1.4	2.3	4.2	42	16	NE
Barium	52	52	65	46	70	68	55	42	10,000	10,000	10,000	10,000	470	NE
Cadmium	BRL (0.45)	BRL (0.42)	BRL (0.45)	BRL (0.53)	BRL (0.46)	BRL (0.48)	BRL (0.47)	BRL (0.46)	11	18	94	19	0.26	NE
Chromium	32	29	45	38	48	47	38	26	510	850	5,100	2,800	NE	NE
Lead	2.8	1.7 J	1.7 J	5.5	0.64 J	0.10 J	13	9.8	340	530	1,100	950	32	NE
Mercury	0.02 J	BRL (0.07)	BRL (0.08)	0.03 J	BRL (0.08)	BRL (0.08)	0.03 J	0.03 J	51	85	510	930	NE	NE
Selenium	BRL (0.90)	BRL (0.84)	BRL (0.90)	BRL (1.1)	BRL (0.92)	BRL (0.95)	BRL (0.95)	BRL (0.92)	850	1,400	8,500	1,500	0.61	NE
Silver	BRL (0.45)	BRL (0.42)	BRL (0.45)	BRL (0.53)	BRL (0.46)	BRL (0.48)	BRL (0.47)	BRL (0.46)	850	1,400	8,500	1,500	NE	NE
Polychlorinated Biphenyls (PCBs)	**Concentrations in mg/kg**													
Aroclor 1260	BRL (0.0153)	BRL (0.0144)	BRL (0.0150)	BRL (0.0176)	BRL (0.0154)	BRL (0.016)	BRL (0.0158)	0.00906 J	4.9[(1)]	8.2[(1)]	12[(1)]	46[(1)]	NE	NE
Aroclor 1268	BRL (0.00764)	BRL (0.00721)	BRL (0.00750)	BRL (0.00880)	BRL (0.00772)	BRL (0.00802)	BRL (0.00791)	0.0106	4.9[(1)]	8.2[(1)]	12[(1)]	46[(2)]	NE	NE
All other Aroclors	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	4.9[(1)]	8.2[(1)]	12[(1)]	46[(2)]	NE	NE

NOTES:
MEDEP = Maine Department of Environmental Protection; J= estimated concentration
BRL = Below Reporting Limit, i.e. compound not detected above its laboratory reporting limit (noted in parentheses); NA= Not Analyzed; NE=Not Established, i.e. standard or guideline is "not established" for the referenced parameter.
[(1)] Standard is for total of all isomers (i.e., total PCBs)
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, and/or Excavation/Construction Worker
Values with *italic* text indicate laboratory reporting limits that exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, Excavation/Construction Worker.

TABLE 3: Boring Soil Sample Laboratory Analytical Results
Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Sample Location	AOC 1 (Site-Wide) & AOC 4 (Ice Pond Lots)						AOC 1 (Site-Wide), AOC 4 (Ice Pond Lots) & AOC 5 (Areas Adjacent to Point East Drive)	AOC 1 (Site-Wide) & AOC 5 (Areas Adjacent to Point East Drive)	AOC 1 (Site-Wide) & AOC 3 (Ash Ponds)		**MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (February 5, 2016)**					
Sample Identification	B101-S1	B102-S1	B103-S1	B104-S1	B105-S1	B106-S1	B107-S1	B110-S1	B111-S3	B112-S3						
Sample Depth (ft bgs)	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	4-8	4-8						
Exposure Scenario Based on Soil Sample Depth (ft bgs)	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Excavation/ Construction Worker	Excavation/ Construction Worker	**Residential (0-2 feet bgs)**	**Park User (0-2 feet bgs)**	**Outdoor Commercial Worker (0-2 feet bgs)**	**Excavation/ Construction Worker (deeper than 2 feet bgs)**	**Undeveloped Background**	**Rural Developed Background**
Date Collected	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016	5/25/2016						
Volatile Organic Compounds (VOCs)	**Concentrations in Miligrams per Kilogram (mg/kg)**															
Acetone	NA	NA	NA	NA	NA	NA	0.0039 J	0.0018 J	0.031	0.12	10,000	10,000	10,000	10,000	10,000	NE
2-Butanone (MEK)	NA	NA	NA	NA	NA	NA	0.034	BRL (0.0074)	0.0053 J	0.024	10,000	10,000	10,000	10,000	NE	NE
All other VOCs	NA	NA	NA	NA	NA	NA	BRL (various)	BRL (various)	BRL (various)	BRL (various)	Various	Various	Various	Various	NE	NE
Target Polycyclic Aromatic Hydrocarbons (PAHs)	**Concentrations in mg/kg**															
Acenaphthene	BRL (0.032)	BRL (0.029)	BRL (0.031)	BRL (0.031)	BRL (0.031)	BRL (0.032)	BRL (0.032)	BRL (0.026)	0.014 J	0.09	7500	10,000	10,000	9,800	NE	0.10
Acenaphthylene	0.033	0.013 J	BRL (0.031)	BRL (0.031)	0.012 J	BRL (0.032)	0.037	0.052	0.034	0.103	7,500	10,000	10,000	10,000	NE	0.32
Anthracene	0.015 J	0.009 J	BRL (0.031)	BRL (0.031)	0.009 J	BRL (0.032)	0.019 J	0.028	0.043	0.298	10,000	10,000	10,000	3,800	NE	0.29
Benzo(a)anthracene	0.075	0.039	BRL (0.031)	BRL (0.031)	0.042	0.012 J	0.074	0.083	0.114	0.59	2.6	4.4	35	430	NE	0.86
Benzo[a]pyrene	0.091	0.039	BRL (0.031)	BRL (0.031)	0.037	0.012 J	0.088	0.115	0.123	0.584	0.26	0.44	3.5	43	NE	1.5
Benzo[b]fluoranthene	0.112	0.047	BRL (0.031)	BRL (0.031)	0.048	0.015 J	0.094	0.133	0.141	0.714	2.6	4.4	35	430	NE	1.3
Benzo(k)fluoranthene	0.037	0.015 J	BRL (0.031)	BRL (0.031)	0.016 J	BRL (0.032)	0.036	0.035	0.049	0.724	26	44	350	4300	NE	0.69
Benzo(ghi)perylene	0.072	0.027 J	BRL (0.031)	BRL (0.031)	0.027 J	BRL (0.032)	0.057	0.11	0.068	0.316	3,700	6,200	10,000	10,000	NE	0.57
Chrysene	0.105	0.048 J	BRL (0.031)	BRL (0.031)	0.05	0.015 J	0.1	0.1	0.135	0.618	260	440	3,500	10,000	NE	1.0
Dibenzo(a,h)anthracene	0.015 J	BRL (0.029)	BRL (0.031)	BRL (0.031)	BRL (0.031)	BRL (0.032)	BRL (0.032)	0.026 J	0.068	0.089	0.26	0.44	3.5	43	NE	0.32
Fluoranthene	0.149	0.077	BRL (0.031)	BRL (0.031)	0.079	0.024 J	0.101	0.132	0.228	1.47	5,000	8,300	10,000	10,000	NE	2.0
Fluorene	BRL (0.032)	BRL (0.029)	BRL (0.031)	BRL (0.031)	BRL (0.031)	BRL (0.032)	BRL (0.032)	0.010 J	0.021 J	0.204	5,000	8,300	10,000	10,000	NE	0.22
Indeno(1,2,3-cd)Pyrene	0.064	0.024 J	BRL (0.031)	BRL (0.031)	0.024 J	BRL (0.032)	0.045	0.078	0.056	0.057	2.6	4.4	35	430	NE	0.40
2-Methylnaphthalene	0.013 J	BRL (0.029)	BRL (0.031)	BRL (0.031)	BRL (0.031)	BRL (0.032)	0.020 J	0.016 J	0.021 J	0.075	500	830	3,600	600	NE	0.16
Naphthalene	0.025 J	BRL (0.029)	BRL (0.031)	BRL (0.031)	0.013 J	BRL (0.032)	0.046	0.025 J	0.041	0.132	2,500	4,200	10,000	10,000	NE	0.11
Phenanthrene	0.089	0.072	BRL (0.031)	BRL (0.031)	0.041	0.014 J	0.057	0.068	0.144	1.32	3,700	6,200	10,000	8,900	NE	0.83
Pyrene	0.177	0.095	BRL (0.031)	BRL (0.031)	0.082	0.023 J	0.148	0.159	0.247	1.19	3,700	6,200	10,000	10,000	NE	2.0
Extractable Petroleum Hydrocarbon (EPH) Fractions	**Concentrations in mg/kg**															
C9-C18 Aliphatics	BRL (7.98)	BRL (7.27)	BRL (7.71)	BRL (7.72)	BRL (7.64)	BRL (8.05)	BRL (8.07)	BRL (6.52)	BRL (7.34)	BRL (7.37)	2,700	4,400	10,000	10,000	NE	NE
C19-C36 Aliphatics	BRL (7.98)	BRL (7.27)	BRL (7.71)	BRL (7.72)	BRL (7.64)	BRL (8.05)	BRL (8.07)	20.5	7.35	15	10,000	10,000	10,000	10,000	NE	NE
C11-C22 Aromatics	BRL (7.98)	BRL (7.27)	11.0	BRL (7.72)	BRL (7.64)	BRL (8.05)	BRL (8.07)	20.2	7.89	23.8	750	1,200	5,500	10,000	NE	NE
Volatile Petroleum Hydrocarbon (VPH) Fractions	**Concentrations in mg/kg**															
C5-C8 Aliphatics	BRL (3.02)	BRL (2.86)	BRL (3.25)	BRL (2.67)	BRL (2.84)	BRL (5.02)	BRL (3.98)	BRL (2.33)	BRL (2.30)	BRL (3.76)	1,400	2,300	10,000	10,000	NE	NE
C9-C12 Aliphatics	BRL (3.02)	BRL (2.86)	BRL (3.25)	BRL (2.67)	BRL (2.84)	BRL (5.02)	BRL (3.98)	BRL (2.33)	BRL (2.30)	BRL (3.76)	2,700	4,400	10,000	10,000	NE	NE
C9-C10 Aromatics	BRL (3.02)	BRL (2.86)	BRL (3.25)	BRL (2.67)	BRL (2.84)	BRL (5.02)	BRL (3.98)	BRL (2.33)	BRL (2.30)	BRL (3.76)	750	1,200	5,500	10,000	NE	NE
Metals	**Concentrations in mg/kg**															
Arsenic	NA	NA	NA	NA	NA	NA	**13**	**12**	13	15	1.4	2.3	4.2	42	16	NE
Barium	NA	NA	NA	NA	NA	NA	58	43	62	81	10,000	10,000	10,000	10,000	470	NE
Cadmium	NA	NA	NA	NA	NA	NA	BRL (0.50)	BRL (0.41)	BRL (0.44)	BRL (0.43)	11	18	94	19	0.26	NE
Chromium	NA	NA	NA	NA	NA	NA	37	19	30	30	510	850	5,100	2,800	NE	NE
Lead	NA	NA	NA	NA	NA	NA	2.5	2.6	11	17	340	530	1,100	950	32	NE
Mercury	NA	NA	NA	NA	NA	NA	0.02 J	BRL (0.07)	0.02 J	0.03 J	51	85	510	930	NE	NE
Selenium	NA	NA	NA	NA	NA	NA	BRL (1.0)	BRL (0.82)	BRL (0.89)	BRL (0.87)	850	1,400	8,500	1,500	0.61	NE
Silver	NA	NA	NA	NA	NA	NA	BRL (0.50)	BRL (0.41)	BRL (0.44)	0.10 J	850	1,400	8,500	1,500	NE	NE
Polychlorinated Biphenyls (PCBs)	**Concentrations in mg/kg**															
All Aroclors	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	BRL (Various)	4.9[(1)]	8.2[(1)]	12[(1)]	46[(1)]	NE	NE

NOTES:
MEDEP = Maine Department of Environmental Protection
J= estimated concentration; BRL = Below Reporting Limit, i.e. compound not detected at a concentration above its laboratory reporting limit (noted in parentheses); NA= Not Analyzed; NE= Not Established, i.e. standard or guideline is "not established" for the referenced parameter
[(1)] Standard is for total of all isomers (i.e., total PCBs)
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, and/or Excavation/Construction Worker
Values with *italic* text indicate laboratory reporting limits that exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, Excavation/Construction Worker.

TABLE 4: Test Pit Soil Sample Laboratory Analytical Results
Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Sample Location	AOC 1 (Site Wide) & AOC 2 (Northern Peninsula)								**MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (February 5, 2016)**					
Sample Identification	TP201-S1	TP202-S1	TP203-S1	TP203-S3	TP204-S1	TP204-S2	TP205-S1	TP206-S1						
Sample Depth (ft bgs)	0-2	0-2	0-2	4-8	0-2	2-4	0-2	0-2						
Exposure Scenario Based on Soil Sample Depth (ft bgs)	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	Residential, Outdoor Commercial Worker & Excavation/ Construction Worker	**Residential (0-2 feet bgs)**	**Park User (0-2 feet bgs)**	**Outdoor Commercial Worker (0-2 feet bgs)**	**Excavation/ Construction Worker (deeper than 2 feet bgs)**	**Undeveloped Background**	**Rural Developed Background**
Date Collected	5/26/2016	5/26/2016	5/26/2016	5/26/2016	5/26/2016	5/26/2016	5/26/2016	5/26/2016						
Volatile Organic Compounds (VOCs)	**Concentrations in milligrams per kilogram (mg/kg)**													
All VOCs	NA	NA	NA	NA	NA	NA	NA	NA	Various	Various	Various	Various	NE	NE
Target Polycyclic Aromatic Hydrocarbons (PAHs)	**Concentrations in mg/kg**													
Acenaphthene	0.008 J	0.135	0.241	0.024 J	0.046	0.006 J	BRL (0.030)	0.008 J	7500	10,000	10,000	9,800	NE	0.10
Acenaphthylene	0.010 J	0.012 J	0.073	0.017 J	0.198	0.004 J	BRL (0.030)	0.195	7,500	10,000	10,000	10,000	NE	0.32
Anthracene	0.027 J	0.266	0.393	0.023 J	0.167	0.0090 J	BRL (0.030)	0.093	10,000	10,000	10,000	3,800	NE	0.29
Benzo(a)anthracene	0.095	0.513	0.612	0.073	0.422	0.023 J	BRL (0.030)	0.266	2.6	4.4	35	430	NE	0.86
Benzo[a]pyrene	0.091	**0.479**	**0.6**	0.041	**0.468**	0.015 J	BRL (0.030)	**0.325**	0.26	0.44	3.5	43	NE	1.5
Benzo[b]fluoranthene	0.141	0.635	0.724	0.122	0.548	0.028 J	BRL (0.030)	0.403	2.6	4.4	35	430	NE	1.3
Benzo(k)fluoranthene	0.142	0.213	0.228	0.021 J	0.177	BRL (0.031)	BRL (0.030)	0.099	26	44	350	4300	NE	0.69
Benzo(ghi)perylene	0.07	0.342	0.442	0.043	0.438	BRL (0.031)	BRL (0.030)	0.274	3,700	6,200	10,000	10,000	NE	0.57
Chrysene	0.123	0.512	0.629	0.396	0.543	0.069	BRL (0.030)	0.348	260	440	3,500	10,000	NE	1.0
Dibenzo(a,h)anthracene	0.017 J	0.086	0.105	0.019 J	0.091	BRL (0.031)	BRL (0.030)	0.062	0.26	0.44	3.5	43	NE	0.32
Fluoranthene	0.226	1.34	1.59	0.132	0.887	0.041	BRL (0.030)	0.489	5,000	8,300	10,000	10,000	NE	2.0
Fluorene	0.011 J	0.142	0.244	0.065	0.076	0.013 J	BRL (0.030)	0.018 J	5,000	8,300	10,000	10,000	NE	0.22
Indeno(1,2,3-cd)Pyrene	0.057	0.295	0.354	0.025 J	0.314	BRL (0.031)	BRL (0.030)	0.205	2.6	4.4	35	430	NE	0.40
2-Methylnaphthalene	0.019 J	0.044	0.104	0.347	0.098	0.064	BRL (0.030)	0.075	500	830	3,600	600	NE	0.16
Naphthalene	0.021 J	0.115	0.257	0.191	0.118	0.057	BRL (0.030)	0.121	2,500	4,200	10,000	10,000	NE	0.11
Phenanthrene	0.129	1.08	1.52	0.542	0.671	0.098	BRL (0.030)	0.28	3,700	6,200	10,000	8,900	NE	0.83
Pyrene	0.182	1.02	1.37	0.142	0.981	0.039	BRL (0.030)	0.631	3,700	6,200	10,000	10,000	NE	2.0
Extractable Petroleum Hydrocarbon (EPH) Fractions	**Concentrations in mg/kg**													
C9-C18 Aliphatics	BRL (8.04)	BRL (8.86)	BRL (7.27)	30.4	BRL (7.13)	BRL (7.69)	BRL (7.52)	BRL (6.99)	2,700	4,400	10,000	10,000	NE	NE
C19-C36 Aliphatics	15.5	BRL (8.86)	14.6	23.3	21.5	BRL (7.69)	BRL (7.52)	11.3	10,000	10,000	10,000	10,000	NE	NE
C11-C22 Aromatics	14.6	18.9	28.3	61.5	46.0	13.2	BRL (7.52)	16.3	750	1,200	5,500	10,000	NE	NE
Volatile Petroleum Hydrocarbon (VPH) Fractions	**Concentrations in mg/kg**													
C5-C8 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	1,400	2,300	10,000	10,000	NE	NE
C9-C12 Aliphatics	NA	NA	NA	NA	NA	NA	NA	NA	2,700	4,400	10,000	10,000	NE	NE
C9-C10 Aromatics	NA	NA	NA	NA	NA	NA	NA	NA	750	1,200	5,500	10,000	NE	NE
Metals	**Concentrations in mg/kg**													
Arsenic	**9.6**	**12**	**9**	**21**	**7.6**	9.5	**13**	**11**	1.4	2.3	4.2	42	16	NE
Barium	54	91	51	80	53	60	61	53	10,000	10,000	10,000	10,000	470	NE
Cadmium	BRL (0.47)	BRL (0.53)	BRL (0.43)	BRL (0.97)	BRL (0.41)	BRL (0.89)	BRL (0.45)	BRL (0.42)	11	18	94	19	0.26	NE
Chromium	28	38	25	30	20	20	36	28	510	850	5,100	2,800	NE	NE
Lead	19	50	28	24	74	12	12	12	340	530	1,100	950	32	NE
Mercury	0.15	0.06 J	0.03 J	0.09	0.02 J	0.04 J	0.03 J	BRL (0.07)	51	85	510	930	NE	NE
Selenium	BRL (0.95)	BRL (1.0)	BRL (0.87)	1.2 J	BRL (0.82)	0.99 J	BRL (0.90)	BRL (0.84)	850	1,400	8,500	1,500	0.61	NE
Silver	BRL (0.47)	BRL (0.53)	BRL (0.43)	BRL (0.97)	BRL (0.41)	BRL (0.89)	BRL (0.45)	BRL (0.42)	850	1,400	8,500	1,500	NE	NE
Polychlorinated Biphenyls (PCBs)	**Concentrations in mg/kg**													
Aroclor 1260	0.0734	0.0668	0.0314	0.0126 J	0.0367	BRL (0.015)	BRL (0.0152)	BRL (0.014)	4.9[(1)]	8.2[(1)]	12[(1)]	46[(1)]	NE	NE
Aroclor 1268	0.0533	0.0846	BRL (0.00722)	BRL (0.00823)	BRL (0.00698)	BRL (0.00748)	BRL (0.00760)	BRL (0.00698)	4.9[(1)]	8.2[(1)]	12[(1)]	46[(1)]	NE	NE
All other Aroclors	BRL (Various)	BRL (Various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	4.9[(1)]	8.2[(1)]	12[(1)]	46[(1)]	NE	NE

NOTES:
MEDEP = Maine Department of Environmental Protection; J= estimated concentration
BRL = Below Reporting Limit, i.e. compound not detected at a concentration above its laboratory reporting limit (noted in parentheses); NA= Not Analyzed; NE= Not Established, i.e. standard or guideline is "not established" for the referenced parameter.
[(1)] Standard is for total of all isomers (i.e., total PCBs)
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, and/or Excavation/Construction Worker
Values with *italic* text indicate laboratory reporting limits that exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, Excavation/Construction Worker.

TABLE 5: Pore Water Sample Analytical Results
Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Pore Water Sample Identification	**PW101**	**PW102**	**PW103**	**PW104**	**PW-BK**	**MEDEP Surface Water Quality Criteria for Toxic Pollutants**	
Sample Location	**Northern shore of Back River, southeast of Ash Ponds (AOC 3)**	**Northern shore of Back River, southeast of Ash Ponds (AOC 3)**	**Northern shore of Back River, southeast of Ash Ponds (AOC 3)**	**Northern shore of Ice Pond, south of AOC 4 (former location of bulk oil tanks)**	**West of AOC 4 (former location of bulk oil tanks)**	**Criteria for priority pollutants (Saltwater)**	
Date Collected	**5/26/2016**	**5/26/2016**	**5/26/2016**	**5/26/2016**	**5/26/2016**	**Maximum/Acute**	**Continuous/Chronic**
Volatile Organic Compounds (VOCs)	**Concentrations in micrograms per liter (µg/L)**						
Acetone	*3.8 J*	*3.3 J*	*3.7 J*	1.8 J	2.1 J	NE	NE
Chloroform	BRL (0.75)	BRL (0.75)	BRL (0.75)	0.22 J	1	NE	NE
All other VOCs	BRL (various)	BRL (various)	BRL (various)	BRL (various)	BRL (various)	NE	NE
Target Polycyclic Aromatic Hydrocarbons (PAHs)	**Concentrations in µg/L**						
Acenaphthene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Acenaphthylene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Anthracene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Benzo(a)anthracene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Benzo[a]pyrene	BRL (0.2)	BRL (0.2)	BRL (0.2)	BRL (0.2)	BRL (0.2)	NE	NE
Benzo[b]fluoranthene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Benzo(k)fluoranthene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Benzo(ghi)perylene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Chrysene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Dibenzo(a,h)anthracene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Fluoranthene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Fluorene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Indeno(1,2,3-cd)Pyrene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
2-Methylnaphthalene	BRL (0.4)	BRL (0.4)	*0.122 J*	BRL (0.4)	BRL (0.4)	NE	NE
Naphthalene	BRL (0.4)	BRL (0.4)	*0.250 J*	BRL (0.4)	BRL (0.4)	NE	NE
Phenanthrene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Pyrene	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	BRL (0.4)	NE	NE
Extractable Petroleum Hydrocarbon (EPH) Fractions	**Concentrations in µg/L**						
C9-C18 Aliphatics	BRL (100)	BRL (100)	BRL (100)	BRL (100)	BRL (100)	NE	NE
C19-C36 Aliphatics	BRL (100)	BRL (100)	BRL (100)	BRL (100)	BRL (100)	NE	NE
C11-C22 Aromatics	BRL (100)	BRL (100)	BRL (100)	BRL (100)	BRL (100)	NE	NE
Volatile Petroleum Hydrocarbon (VPH) Fractions	**Concentrations in µg/L**						
C5-C8 Aliphatics	BRL (250)	BRL (250)	BRL (50)	BRL (50)	BRL (50)	NE	NE
C9-C12 Aliphatics	BRL (250)	BRL (250)	BRL (50)	BRL (50)	BRL (50)	NE	NE
C9-C10 Aromatics	BRL (250)	BRL (250)	BRL (50)	BRL (50)	BRL (50)	NE	NE
Metals	**Concentrations in µg/L**						
Arsenic	BRL (5)	BRL (5)	*6.2*	*3.9 J*	3.8 J	69	36
Barium	*12*	*11*	*7.2 J*	*4.4 J*	BRL (10)	NE	NE
Cadmium	BRL (5)	BRL (5)	BRL (5)	BRL (5)	BRL (5)	40	8.85
Chromium [(1)]	*2 J*	*3 J*	BRL (10)	BRL (10)	BRL (10)	1108	50
Lead	BRL (10)	BRL (10)	BRL (10)	BRL (10)	BRL (10)	221	8.52
Mercury	BRL (0.2)	BRL (0.2)	BRL (0.2)	BRL (0.2)	BRL (0.2)	2.1	0.91
Selenium	BRL (10)	BRL (10)	BRL (10)	BRL (10)	BRL (10)	291	71
Silver	BRL (7)	BRL (7)	BRL (7)	BRL (7)	BRL (7)	2.24	NE

NOTES:
MEDEP= Maine Department of Environmental Protection; J= estimated concentration
BRL = Below Reporting Limit, i.e. compound not detected at a concentration above its laboratory reporting limit (noted in parentheses); NE= Not Established, i.e. standard or guideline is "not established' for the referenced parameter
[(1)] Chromium lab results compared to the most stringent Chromium VI EPA National Recommended Water Quality Criteria (Saltwater).
Values in **bold** text exceed US EPA's National Recommended Water Quality Criteria (Nov 2002 and Dec 2003) as adopted by the MEDEP's Surface Water Quality Criteria for Toxic Pollutants (06-096 CMR 530) (July 29, 2012)
Values in *italic* text exceed the values of PW-BK and/or laboratory method detection limit

TABLE 6: Soil Vapor Analytical Results
Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

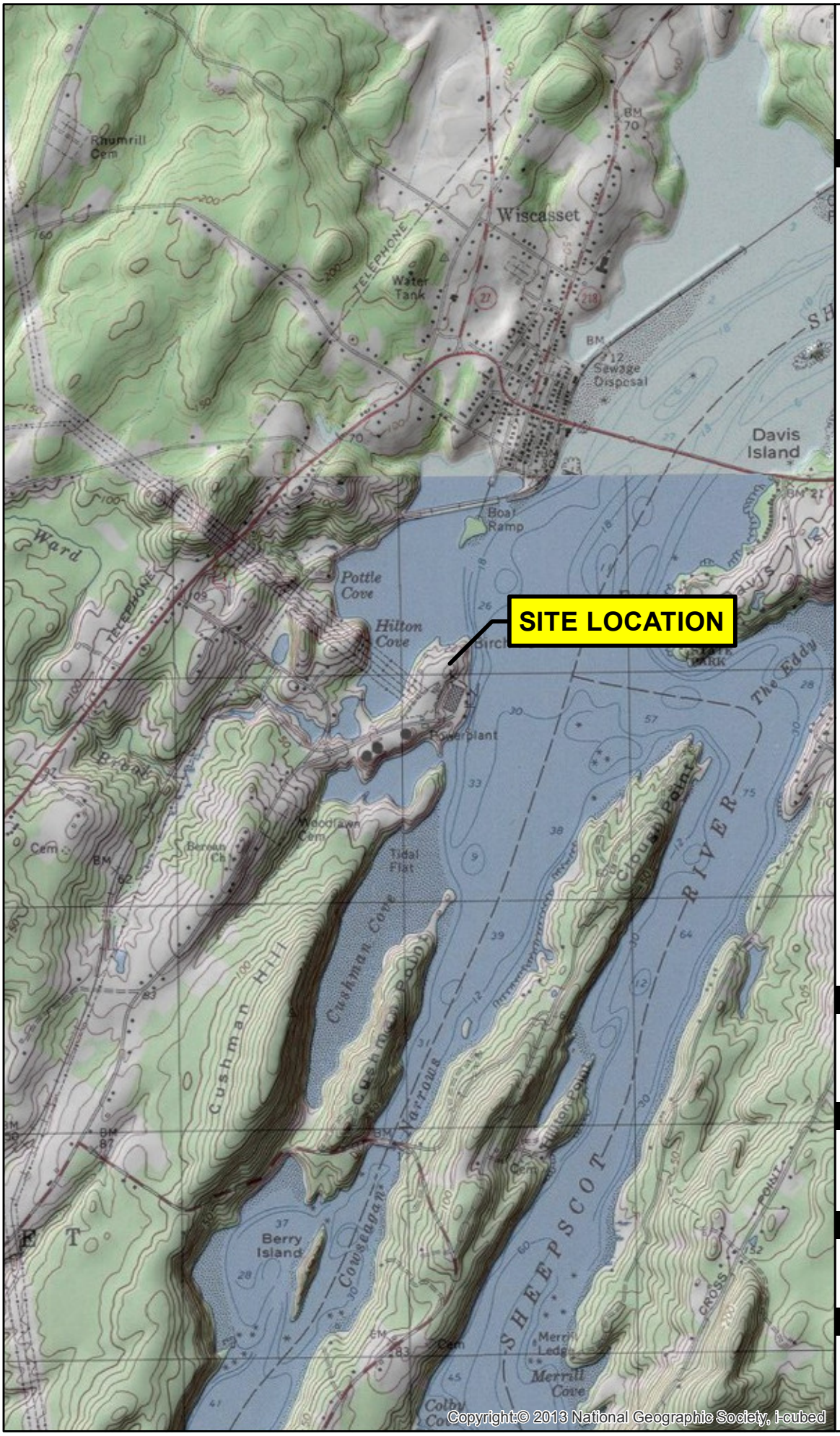
Sample Identification	**SV101**	**SV102**	**SV103**	**SV104**	**SV105**	**SV106**	**MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (February 5, 2016) [1]**	
Sample Depth	**3 feet bgs**	**3 feet bgs**	**3 feet bgs**	**3 feet bgs**	**3 feet bgs**	**3 feet bgs**	**Soil Gas Targets Residential**	**Soil Gas Targets Commercial**
Sample Date	**5/26/2016**	**5/26/2016**	**5/26/2016**	**5/26/2016**	**5/26/2016**	**5/26/2016**		
Volatile Organic Compounds	**Concentrations in micrograms per cubic meter (µg/m3)**							
1,2,4-Trimethylbenzene	4.83	26.8	41.3	BRL (4.51)	9.14	0.998	NE	NE
1,3,5-Trimethylbenzene	1.3	7.62	14.6	BRL (4.51)	BRL (5.7)	BRL (0.983)	NE	NE
1,3-Butadiene	3.3	8.96	**56.4**	9.25	**33.2**	1.44	24.3	123
2-Hexanone	1.11	BRL (2.62)	6.88	BRL (3.76)	BRL (4.75)	1.54	NE	NE
3-Chloropropene	BRL (0.626)	BRL (2)	BRL (5.26)	BRL (2.87)	5.1	BRL (0.626)	NE	NE
4-Ethyltoluene	BRL (0.983)	5.46	14.5	BRL (4.51)	5.7	BRL (0.983)	NE	NE
4-Methyl-2-pentanone	2.7	BRL (6.56)	17.7	BRL (9.43)	BRL (11.9)	BRL (2.05)	NE	NE
Acetone	55.6	143	344	59.9	90.5	37.5	960,000	4,200,000
Benzene	2.73	10.8	50.2	4.73	33.2	1.5	93	480
Carbon Disulfide	0.782	8.07	13.8	12.1	6.73	BRL (0.623)	21,900	93,000
Chloromethane	BRL (0.413)	2.37	6.98	3.43	7.29	BRL (0.413)	2,820	11,700
Chloroform	2.02	BRL (3.12)	BRL (8.2)	BRL (4.48)	BRL (5.66)	BRL (0.977)	33	159
Cyclohexane	1.61	3.48	8.5	BRL (3.16)	6.75	0.688	NE	NE
Dichlorodifluoromethane	0.989	BRL (3.16)	BRL (8.31)	BRL (4.54)	BRL (5.74)	2.64	6,300	26,400
Ethanol	BRL (9.42)	43.5	83.8	BRL (43.3)	BRL (54.8)	BRL (9.42)	NE	NE
Ethylbenzene	1.05	5.78	20.4	BRL (3.99)	BRL (5.04)	BRL (0.869)	97	490
Heptane	2.39	6.76	31.1	3.91	28.3	1.46	NE	NE
n-Hexane	3.33	55	61.7	5.92	49	2.4	NE	NE
Isopropanol	6.49	28.8	53.1	8.16	11.1	1.9	NE	NE
Methyl ethyl ketone (2-butanone)	12.9	21.6	66.1	10.1	15.4	8.46	156,000	660,000
Methylene Chloride	BRL (1.74)	106	BRL (14.6)	BRL (7.99)	BRL (10.1)	BRL (1.74)	18,900	78,000
Naphthalene	5.66	7.13	16	BRL (4.81)	6.24	1.65	22	108
Propylene	29.8	92.8	501	84.7	427	15.9	NE	NE
Styrene	1.42	9.28	22.4	BRL (3.91)	BRL (4.94)	BRL (0.852)	9,300	39,000
Tetrachloroethene	2.31	BRL (4.33)	11.4	BRL (6.23)	BRL (7.87)	BRL (1.36)	1,260	5,400
Toluene	3.15	17.7	99.5	3.96	65.6	2.23	156,000	660,000
Trichlorofluoromethane	1.36	BRL (3.59)	BRL (9.44)	BRL (5.16)	BRL (6.52)	1.38	21,900	93,000
Xylenes (total)	4.13	24.61	82.8	BRL (11.98)	21.35	BRL (2.609)	3,000	13,200
Air-Phase Petroleum Hydrocarbons	**Concentrations in µg/m3**							
1,3-Butadiene	4	11	**74**	12	**39**	1.9	24.3	123
Benzene	3	12	54	5.3	37	1.7	93	480
Ethylbenzene	1.1	5.8	23	BRL (4.1)	5.3	BRL (0.9)	291	1,470
Naphthalene	6.8	8.6	20	BRL (5.1)	6.4	2	22	108
Toluene	3.4	19	120	BRL (4.1)	70	2.7	156,000	660,000
Xylenes (total)	4.3	25.8	95	BRL (8.2)	22.5	1.8	3,000	13,200
C5-C8 Aliphatics	310	1,200	5,200	220	1,400	120	18900	78000
C9-C12 Aliphatics	700	2,500	5,500	640	1,400	270	6300	26400
C9-C10 Aromatics	49	180	330	BRL (46)	80	15	1560	6600

NOTES:
MEDEP = Maine Department of Environmental Protection
BRL = Below Reporting Limit, i.e. compound not detected at a concentration above its laboratory reporting limit (noted in parentheses)
NE= Not Established, i.e. standard or guideline is "not established' for the referenced parameter
Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential, Outdoor Commercial Worker, and/or Excavation/Construction Worker
Values with *italic* text indicate laboratory reporting limits that exceed calculated Soil Gas Targets for current or proposed Residential and Commercial reuse/exposure scenarios
[1] Soil Gas Targets = 30 times the Indoor Air Target, as discussed in the February 5, 2016 MEDEP Remedial Action Guidelines

TABLE 7: SUMMARY OF DUPLICATE SAMPLE ANALYTICAL RESULTS
Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Sample Location	SS107	SS-DUP	Relative Percent Difference	SV103	SVDUP	Relative Percent Difference	PW104	PWDUP	Relative Percent Difference
Sample Depth (ft bgs)	0-2	0-2		3 feet bgs	3 feet bgs		NA	NA	
Sample Date	5/25/2016	5/25/2016		5/25/2016	5/25/2016		5/25/2016	5/25/2016	
Volatile Organic Compounds (VOCs)	Concentrations in mg/kg		%	Concentrations in µg/m3		%	Concentrations in µg/L		%
Acetone	0.052	0.035	39.08	344	551	-46	1.8	2.7	NC
Benzene	ND	ND	NC	50.2	80.5	-46	ND	ND	NC
1,3-Butadiene	ND	ND	NC	**56.4**	81.2	-36	ND	ND	NC
Carbon Disulfide	ND	ND	NC	13.8	17.3	-23	ND	ND	NC
Chloroform	ND	ND	NC	ND	ND	NC	0.22	ND	NC
Chloromethane	ND	ND	NC	6.98	9.77	-33	ND	ND	NC
Cyclohexane	ND	ND	NC	ND	10.3	NC	ND	ND	NC
Ethanol	ND	ND	NC	83.8	119	-35	ND	ND	NC
Ethylbenzene	ND	ND	NC	20.4	37.5	-59	ND	ND	NC
4-Ethyltoluene	ND	ND	NC	14.5	31.9	-75	ND	ND	NC
Heptane	ND	ND	NC	31.1	50.8	-48	ND	ND	NC
n-Hexane	ND	ND	NC	61.7	92.3	-40	ND	ND	NC
2-Hexanone	ND	ND	NC	6.88	ND	NC	ND	ND	NC
Isopropanol	ND	ND	NC	53.1	91.4	-53	ND	ND	NC
p-Isopropyltoluene	0.0012	0.0029	-82.93	ND	ND	NC	ND	ND	NC
Methyl ethyl ketone (2-Butanone)	ND	ND	NC	66.1	104	-45	ND	ND	NC
4-Methyl-2-pentanone	ND	ND	NC	17.7	26.7	-41	ND	ND	NC
Naphthalene	0.406	ND	NC	16	58.7	-114	ND	ND	NC
Propylene	ND	ND	NC	501	783	-44	ND	ND	NC
Styrene	ND	ND	NC	22.4	38.1	-52	ND	ND	NC
Toluene	ND	ND	NC	99.5	162	-48	ND	ND	NC
1,2,4-Trimethylbenzene	ND	0.0013 J	NC	41.3	102	-85	ND	ND	NC
1,3,5-Trimethylbenzene	ND	ND	NC	14.6	33.1	-78	ND	ND	NC
Xylenes (total)	ND	ND	NC	82.8	159.9	-64	ND	ND	NC
All other VOCs	ND	ND	NC	ND	ND	NC	ND	ND	NC
Target Polycyclic Aromatic Hydrocarbons (PAHs)	Concentrations in mg/kg		%	Concentrations in µg/m3		%	Concentrations in µg/l		%
Acenaphthene	0.232 J	ND	NC	NA	NA	NC	ND	ND	NC
Acenaphthylene	1.52	0.017	NC	NA	NA	NC	ND	ND	NC
Anthracene	2.56	0.011	NC	NA	NA	NC	ND	ND	NC
Benzo(a)anthracene	6.24	0.048	197	NA	NA	NC	ND	ND	NC
Benzo[a]pyrene	5.06	0.051	196	NA	NA	NC	ND	ND	NC
Benzo[b]fluoranthene	6.16	0.064	196	NA	NA	NC	ND	ND	NC
Benzo(k)fluoranthene	2.14	0.020	NC	NA	NA	NC	ND	ND	NC
Benzo(ghi)perylene	3.16	0.041	NC	NA	NA	NC	ND	ND	NC
Chrysene	6.4	0.065	196	NA	NA	NC	ND	ND	NC
Dibenzo(a,h)anthracene	0.752	ND	NC	NA	NA	NC	ND	ND	NC
Fluoranthene	15.2	0.114	197	NA	NA	NC	ND	ND	NC
Fluorene	2.04	0.008	NC	NA	NA	NC	ND	ND	NC
Indeno(1,2,3-cd)Pyrene	3.17	0.036	NC	NA	NA	NC	ND	ND	NC
2-Methylnaphthalene	0.218	0.005	NC	NA	NA	NC	ND	ND	NC
Naphthalene	0.406	0.013	NC	NA	NA	NC	ND	ND	NC
Phenanthrene	15.2	0.073	198	NA	NA	NC	ND	ND	NC
Pyrene	12.9	0.118	196	NA	NA	NC	ND	ND	NC
Air-Phase Petroleum Hydrocarbons	Concentrations in µg/m3		%	Concentrations in µg/m3		%	Concentrations in µg/l		%
1,3-Butadiene	NA	NA	NC	74	98	-28	NA	NA	NC
Benzene	NA	NA	NC	54	90	-50	NA	NA	NC
Ethylbenzene	NA	NA	NC	23	43	-61	NA	NA	NC
Naphthalene	NA	NA	NC	20	76	-117	NA	NA	NC
Toluene	NA	NA	NC	120	190	-45	NA	NA	NC
Xylenes (total)	NA	NA	NC	95	185	-64	NA	NA	NC
Volatile Petroleum Hydrocarbon (VPH) Fractions	Concentrations in mg/kg		%	Concentrations in µg/m3		%	Concentrations in µg/l		%
C_5 through C_8 Aliphatics	ND	ND	NC	5,200	6,300	-19	ND	ND	NC
C_9 through C_{12} Aliphatics	ND	ND	NC	5500	15000	-93	ND	ND	NC
C_9 through C_{10} Aromatics	ND	ND	NC	330	920	-94	ND	ND	NC
Extractable Petroleum Hydrocarbon (EPH) Fractions	Concentrations in mg/kg		%	Concentrations in µg/m3		%	Concentrations in µg/l		%
C_9 through C_{18} Aliphatics	ND	ND		NA	NA	NC	ND	ND	NC
C_{19} through C_{36} Aliphatics	ND	ND		NA	NA	NC	ND	ND	NC
C_{11} through C_{22} Aromatics	171	ND		NA	NA	NC	ND	ND	NC
RCRA 8 Metals	Concentrations in mg/kg		%	Concentrations in µg/m3		%	Concentrations in µg/l		%
Arsenic	16	17	-6	NA	NA	NC	0.0000039	0.0000037	NC
Barium	55	53	4	NA	NA	NC	0.0000044	0.0000036	NC
Cadmium	ND	ND		NA	NA	NC	ND	ND	NC
Chromium [(1)]	38	36	5	NA	NA	NC	ND	ND	NC
Lead	13	14	-7	NA	NA	NC	ND	ND	NC
Mercury	0.03	0.03	0	NA	NA	NC	ND	ND	NC
Selenium	ND	ND		NA	NA	NC	ND	ND	NC
Silver	ND	ND		NA	NA	NC	ND	ND	NC
Polychlorinated Biphenyls (PCBs)	Concentrations in mg/kg		%	Concentrations in µg/m3		%	Concentrations in µg/l		%
All Aroclors	ND	ND	NC	NA	NA	NA	NA	NA	NA

Notes:
NA = Not Applicable for the referenced parameter.
NC = Not Calculated; to calculate the RPD, the detected concentrations must be greater than 5 times the the Practical Quantitation Limit (PQL) of the analyte in both sample and duplicate values.
ND = compound Not Detected



RANSOM Consulting Engineers and Scientists

Regional Locator Map

Notes

1. Data Source: USGS National Map Seamless Server, 24K DRG, 1/3" NED
2. USGS Quad Name: Westport
3. Latitude: 43° 40' 17" N
   Longitude: 69° 40' 17" W
   UTM Northing: 4871095 mN
   UTM Easting: 446153 mE

Scale and Orientation

0 1,000 2,000

1 inch = 2,000 feet

Prepared For

Lincoln County Regional Planning Commission
297 Bath Road
Wiscasset, Maine

Site Address

Point East Maritime Village
Birch Point Road
Wiscasset, Maine

131.06156 | June 2016

Figure 1

Site Location

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RANSOM
Consulting Engineers and Scientists

Legend & Notes

- Site Boundary
- Rail
- Lot Boundary
- Back River Lots
- Hilton Pond Lots
- Ice Pond Lots
- North Pond Lots
- Asbestos Lots
- Common Area

Notes

1. Site Plan based on ESRI/ Digital Globe Orthophotography
2. Some features are approximate in location and scale
3. This plan has been prepared for Lincoln County Regional Planning Commission. All other uses are not authorized unless written permission is obtained from Ransom Consulting, Inc.

Scale & Orientation

0 100 200

1 inch = 200 feet

Prepared For

Lincoln County Regional Planning Commission
297 Bath Road
Wiscasset, Maine

Site Address

Point East Maritime Village
Birch Point Road
Wiscasset, Maine

131.06156 | June 2016

Figure 2
Site Plan

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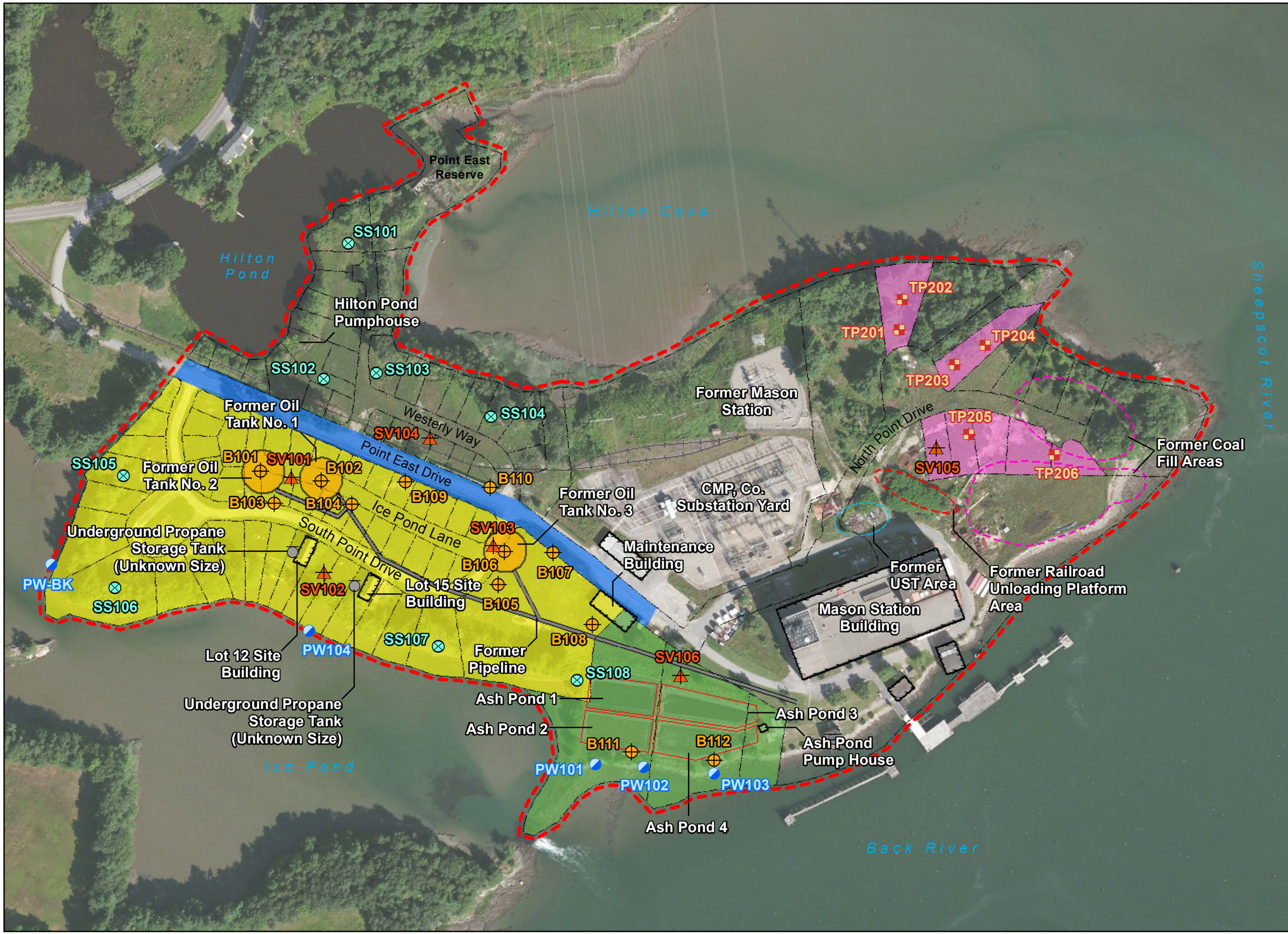

RANSOM Consulting Engineers and Scientists

Legend & Notes

- Pore Water
- Soil Boring
- Soil Vapor Sample
- Surficial Soil Sample
- Test Pit Sample
- AOC 1
- AOC 2
- AOC 3
- AOC 4
- AOC 5
- Rail
- Lot Boundary

Notes

1. Site Plan based on ESRI/ Digital Globe Orthophotography
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Scale & Orientation

0 100 200

1 inch = 200 feet

Prepared For

Lincoln County Regional Planning Commission
297 Bath Road
Wiscasset, Maine

Site Address

Point East Maritime Village
Birch Point Road
Wiscasset, Maine

131.06156 | June 2016

Figure 3
Site Plan Showing Sample Locations

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APPENDIX A

Test Pit Logs

ASTM Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

RANSOM Consulting, Inc.

Consulting Engineers and Scientists

TEST PIT LOG

Project: Phase II ESA – Point East Maritime Village, Wiscasset, ME	Project No.: 131.06156.011
TEST PIT IDENTIFICATION: TP201	
Location: North Point Lot 79	Ground Elevation: Not Measured
Client: LCRPC	Datum: Not Applicable
Contractor: EPI	Operator: Mike Fournior
Equipment: Track-Mounted Excavator	Samples Collected X Yes __No
Capacity/Reach: 1 cubic yard/ 12 feet	Time Started: 8:45 Time Completed: 9:10
Weather: Sunny, 70°s	
Logged by: ARM	Date: May 26, 2016
Checked by: EPP Eric P. Plum	Date: 6/17/16

TEST PIT INFORMATION

Depth of Stratum Change Feet	Sample No.	Sample Depth Feet	OVM (ppm)	Soil Description
Fill (0-4 feet bgs)	S1	0-2	< 1	Brown, fine SAND and SILT, some Cobbles, contains metal, moist, FILL
	S2	2-4	< 1	Brown, fine SAND and SILT, some Cobbles, moist, FILL
Glacial/ Fluvial (4-10 feet bgs)	S3	4-6	< 1	Brown, blocky SILT and fine SAND, some Clay, moist, GLACIAL/FLUVIAL
	S4	6-8	< 1	Brown, blocky SILT and fine SAND, some Clay, moist, GLACIAL/FLUVIAL
	S5	8-10	< 1	Brown, blocky SILT and fine SAND, some Clay, wet, GLACIAL/FLUVIAL

Pit Dimensions (Ft.) Length 16 Width 6 Depth 10	**Remarks:** 1) Soil sample (TP201-S1-052616) collected from 0-2 feet bgs submitted for laboratory analysis. 2) Test pit backfilled with native material. 3) bgs = below ground surface 4) Groundwater encountered at 8 feet bgs.

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TEST PIT LOG

Project: Phase II ESA – Point East Maritime Village, Wiscasset, ME	Project No.: 131.06156.011
TEST PIT IDENTIFICATION: TP202	
Location: North Point Lot 79	Ground Elevation: Not Measured
Client: LCRPC	Datum: Not Applicable
Contractor: EPI	Operator: Mike Fournior
Equipment: Track-Mounted Excavator	Samples Collected X Yes __No
Capacity/Reach: 1 cubic yard/ 12 feet	Time Started: 9:15 Time Completed: 9:25
Weather: Sunny, 70°s	
Logged by: ARM	Date: May 26, 2016
Checked by: EPP Eric. Phung	Date: 6/17/16

TEST PIT INFORMATION

Depth of Stratum Change Feet	Sample No.	Sample Depth Feet	OVM (ppm)	Soil Description
Fill (0-2 feet bgs)	S1	0-2	< 1	Brown, fine SAND and SILT, some Cobbles, contains metal, moist, FILL
Glacial/ Fluvial (2-8 feet bgs)	S2	2-4	< 1	Brown, SILT, fine-SAND, some Clay, moist, GLACIAL/FLUVIAL
	S3	4-6	< 1	Brown, SILT, fine-SAND, some Clay, moist, GLACIAL/FLUVIAL
	S4	6-8	< 1	Brown, SILT, fine-SAND, some Clay, moist, GLACIAL/FLUVIAL Presumed bedrock refusal encountered at 8 feet bgs. Bottom of excavation.

Pit Dimensions (Ft.) Length____12_____ Width_____5_____ Depth_____8_____	Remarks: 1) Soil sample (TP202-S1-052616) collected from 0-2 feet bgs submitted for laboratory analysis. 2) Test pit backfilled with native material. 3) bgs = below ground surface 4) Groundwater not encountered during excavation.

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TEST PIT LOG

Project: Phase II ESA – Point East Maritime Village, Wiscasset, ME	Project No.: 131.06156.011
TEST PIT IDENTIFICATION: TP203	
Location: North Point Lot 77	Ground Elevation: Not Measured
Client: LCRPC	Datum: Not Applicable
Contractor: EPI	Operator: Mike Fournior
Equipment: Track-Mounted Excavator	Samples Collected X Yes __No
Capacity/Reach: 1 cubic yard/ 12 feet	Time Started: 9:30 Time Completed: 9:45
Weather: Sunny, 70°s	
Logged by: ARM	Date: May 26, 2016
Checked by: EPP Eric P. Phung	Date: 6/17/16

TEST PIT INFORMATION

Depth of Stratum Change Feet	Sample No.	Sample Depth Feet	OVM (ppm)	Soil Description
Fill (0-6 feet bgs)	S1	0-2	< 1	Brown, fine to medium SAND, some Silt and Clay, contains asphalt, moist, FILL
	S2	2-4	< 1	Brown, fine to medium SAND, some Silt and Clay, contains asphalt, brick and fieldstones, moist, FILL
	S3	4-6	< 1	Brown, fine to medium SAND, some Silt and Clay, contains bricks, fieldstones with black seams of fine Sand and ash, moist, FILL
Glacial/ Fluvial (6-10 feet bgs)	S4	6-8	< 1	Brown to gray, blocky SILT and CLAY, some fine-Sand, moist, GLACIAL/FLUVIAL
	S5	8-10	< 1	Brown to gray, blocky SILT and CLAY, some fine-Sand, moist, GLACIAL/FLUVIAL Bottom of excavation at 10 feet bgs- No Refusal.

Pit Dimensions (Ft.) Length 12 Width 6 Depth 10	Remarks: 1) Soil samples (TP203-S1-052616 & TP203-S3-052616) collected from 0-2 feet bgs and 4-6 feet bgs, respectively, submitted for laboratory analysis. 2) Test pit backfilled with native material. 3) bgs = below ground surface 4) Groundwater not encountered during excavation.

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TEST PIT LOG

Project: Phase II ESA – Point East Maritime Village, Wiscasset, ME	Project No.: 131.06156.011
TEST PIT IDENTIFICATION: TP204	
Location: North Point Lot 77	Ground Elevation: Not Measured
Client: LCRPC	Datum: Not Applicable
Contractor: EPI	Operator: Mike Fournior
Equipment: Track-Mounted Excavator	Samples Collected X Yes __No
Capacity/Reach: 1 cubic yard/ 12 feet	Time Started: 9:50 Time Completed: 10:10
Weather: Sunny, 70°s	
Logged by: ARM	Date: May 26, 2016
Checked by: EPP Eric Plumb	Date: 6/17/16

TEST PIT INFORMATION

Depth of Stratum Change Feet	Sample No.	Sample Depth Feet	OVM (ppm)	Soil Description
Fill (0-4 feet bgs)	S1	0-2	< 1	Brown, fine to medium SAND, some Silt, Cobbles, contains bricks, fieldstones, ash, moist, FILL
	S2	2-4	< 1	Brown to black, fine to medium SAND, some Silt, contains ash, bricks, fieldstones, moist, FILL,
Glacial/ Fluvial (4-8 feet bgs)	S3	4-6	< 1	Gray to olive brown, blocky, SILT and CLAY, some fine Sand, moist, GLACIAL/FLUVIAL
	S4	6-8	< 1	Gray to olive brown, blocky, SILT and CLAY, some fine Sand, wet, GLACIAL/FLUVIAL Bottom of excavation at 8 feet bgs- No Refusal.

Pit Dimensions (Ft.) Length____11_____ Width_____5_____ Depth_____8_____	Remarks: 1) Soil sample (TP204-S1-052616 & TP204-S3-052616) collected from 0-2 feet bgs and 4-6 feet bgs, respectively, submitted for laboratory analysis. 2) Test pit backfilled with native material. 3) bgs = below ground surface 4) Groundwater encountered at 8 feet bgs.

RANSOM Consulting, Inc.

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TEST PIT LOG

Project: Phase II ESA – Point East Maritime Village, Wiscasset, ME	Project No.: 131.06156.011
TEST PIT IDENTIFICATION: TP205	
Location: North Point Lot 68	Ground Elevation: Not Measured
Client: LCRPC	Datum: Not Applicable
Contractor: EPI	Operator: Mike Fournior
Equipment: Track-Mounted Excavator	Samples Collected X Yes __No
Capacity/Reach: 1 cubic yard/ 12 feet	Time Started: 10:15 Time Completed: 10:30
Weather: Sunny, 70°s	
Logged by: ARM	Date: May 26, 2016
Checked by: EPP Erik Phung	Date: 6/17/16

TEST PIT INFORMATION

Depth of Stratum Change Feet	Sample No.	Sample Depth Feet	OVM (ppm)	Soil Description
Fill (0-4 feet bgs)	S1	0-2	< 1	Brown, fine SAND, some Silt and Clay, contains cobbles, bricks, fieldstones, moist, FILL
	S2	2-4	< 1	Brown, fine SAND, some Silt and Clay, contains cobbles, bricks, fieldstones, moist, FILL
	S3	4-6	< 1	Brown, fine SAND, some Silt and Clay with seams of black ash, moist, FILL
Glacial/ Fluvial (6-9 feet bgs)	S4	6-8	< 1	Brown to olive brown/gray SILT and CLAY, some fine Sand, moist, GLACIAL/FLUVIAL
	S5	8-9	< 1	Brown to olive brown/gray SILT and CLAY, some fine Sand, moist, GLACIAL/FLUVIAL Presumed bedrock refusal encountered at 9 feet bgs- Bottom of excavation.

Pit Dimensions (Ft.) Length 12 Width 6 Depth 9	Remarks: 1) Soil sample (TP205-S1-052616) collected from 0-2 feet bgs submitted for laboratory analysis. 2) Test pit backfilled with native material. 3) bgs = below ground surface 4) Groundwater not encountered during excavation.

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TEST PIT LOG

Project: Phase II ESA – Point East Maritime Village, Wiscasset, ME	Project No.: 131.06156.011
TEST PIT IDENTIFICATION: TP206	
Location: North Point Lot 71	Ground Elevation: Not Measured
Client: LCRPC	Datum: Not Applicable
Contractor: EPI	Operator: Mike Fournior
Equipment: Track-Mounted Excavator	Samples Collected X Yes __No
Capacity/Reach: 1 cubic yard/ 12 feet	Time Started: 10:40 Time Completed: 11:00
Weather: Sunny, 70°s	
Logged by: ARM	Date: May 26, 2016
Checked by: EPP Zach Rhung	Date: 6/17/16

TEST PIT INFORMATION

Depth of Stratum Change Feet	Sample No.	Sample Depth Feet	OVM (ppm)	Soil Description
Fill (0-8.5 feet bgs)	S1	0-2	< 1	Brown, fine to medium SAND, some Silt and Cobbles, moist, FILL
	S2	2-4	< 1	Brown to orange/tan, fine to medium SAND and SILT, some Cobbles, moist, FILL
	S3	4-6	< 1	Orange/tan to light brown, fine to medium SAND, some Silt and Cobbles, moist, FILL
	S4	6-8	< 1	Orange/tan to light brown, fine to medium SAND, some Silt and Cobbles, moist, FILL
	S5	8-8.5	< 1	Light brown, fine to medium SAND, trace fine to coarse Gravel and Cobbles, moist, FILL Preseumed bedrock refusal encountered at 8.5 feet bgs- Bottom of excavation.

Pit Dimensions (Ft.) Length____13_____ Width_____5_____ Depth_____8.5_____	Remarks: 1) Soil sample (TP206-S1-052616) collected from 0-2 feet bgs submitted for laboratory analysis. 2) Test pit backfilled with native material. 3) bgs = below ground surface 4) Groundwater not encountered during excavation.

APPENDIX B

Boring Logs

ASTM Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

RANSOM Consulting Engineers and Scientists

BORING LOG: B101

Reviewed By: Eric Plum	Total Depth: 10.4 Feet	Logged By: ARM	
Date Reviewed: 6/17/16	Boring Diameter: 2 Inches	Date Drilled: 5-25-16 to 5-25-16	
GW Observed at: NO	Well Stickup: NA	Driller: EPI	

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND and SILT, some Clay and coarse Gravel, moist (fill).		S1	NM	24/24	<1		
	S2 (2-4') 8" Brown, fine SAND and SILT, some Clay and coarse Gravel, moist (fill).		S2	NM	24/8	<1		
5	S3 (4-8') 20" Brown, fine SAND and SILT, some fine to coarse Gravel and pulverized Rock, moist (fill).		S3	NM	48/20	<1		5
	S4 (8-10.4') 20" Brown, pulverized ROCK, dry.		S4	NM	29/20	<1		
10	Refusal, end of boring 10.4'.							10
15								15
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B102

Reviewed By: Eric Rhing		Total Depth:	8.6 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	NO	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND and SILT, some Clay and medium to coarse Gravel, moist (fill).		S1	NM	24/24	<1		
	S2 (2-4') 8" Brown, fine SAND and SILT, some Clay and medium to coarse Gravel, moist (fill).		S2	NM	24/8	<1		
5	S3 (4-8') 28" Brown fine to medium SAND, some Silt and medium to coarse Gravel, pulverized rock, moist (fill).		S3	NM	48/28	<1		5
	S4 (8-8.6') Brown, fine SAND, some Silt, some Clay and medium to coarse gravel, pulverized rock, moist (fill).		S4	NM	7/7	<1		
10	Refusal, end of boring 8.6'.							10
15								15
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B103

Reviewed By: Eric Plum		Total Depth:	3.8 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	NO	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND and SILT, some Clay and medium to coarse gravel, moist (fill).		S1	NM	24/24	<1		
	S2 (2-3.8") 10" Brown, fine SAND and SILT, some Clay and medium Gravel, pulverized rock, moist (fill).		S2	NM	22/10	<1		
	Refusal, end of boring 3.8'.							
5								5
10								10
15								15
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B104

Reviewed By: Erik Ahern		Total Depth:	16.3 Feet	Logged By:	ARM
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	16 Feet	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND and SILT, some Clay, moist (fill).		S1	NM	24/24	3.3		
	S2 (2-4') 24" Brown, fine SAND and SILT, some Clay, moist (fill).		S2	NM	24/24	<1		
5	S3 (4-8') 26" Brown, fine to coarse SAND, some Silt and Clay, moist, (fill).		S3	NM	48/26	<1		5
	S4 (8-12') 48" Brown, fine to coarse SAND, some Silt, and Clay, moist, (fill).							
10			S4	NM	48/48	<1		10
	S5 (12-16') 30" Brown, fine to coarse SAND, some Silt and Clay, moist, (fill).							
			S5	NM	48/30	<1		
15								15
	S6 (16-16.3') 4" Orangish/Brown, fine SAND and SILT, some fine to coarse Gravel and Clay and pulverized Rock, wet (till). Refusal, end of boring 16.3'.		S6	NM	4/4	<1		
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B105

Reviewed By: Eric Ploss	Total Depth: 24 Feet	Logged By: ARM	
Date Reviewed: 6/17/16	Boring Diameter: 2 Inches	Date Drilled: 5-25-16 to 5-25-16	
GW Observed at: 16 Feet	Well Stickup: NA	Driller: EPI	

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Gray/Brown, SILT, fine SAND, CLAY, some medium to coarse Gravel contains brick, moist (fill).		S1	NM	24/24	<1		
	S2 (2-4') 14" Gray/Brown, SILT, fine SAND, CLAY, some medium to coarse Gravel contains brick, moist (fill).		S2	NM	24/14	<1		
5	S3 (4-8') 36" Gray/Brown, SILT, fine SAND, CLAY, some coarse Gravel, moist, organic odor (fill).		S3	NM	48/36	<1		5
	S4 (8-12') 36" Gray/Brown, SILT, CLAY, some fine to medium Sand, moist (fill and glacial/fluvial).							
10			S4	NM	48/36	1.5		10
	S5 (12-16') 48" Gray/Brown, SILT, CLAY, fine SAND, moist (glacial/fluvial).		S5	NM	48/48	<1		
15								15
	S6 (16-20') 48" Gray, fine SAND, CLAY, moist to wet (glacial/fluvial).		S6	NM	48/48	<1		
20	S7 (20-24') 9" Brown, fine to med SAND, SILT, some Clay, medium to coarse gravel, wet (glacial/fluvial).		S7	NM	48/9	<1		20
	Refusal, end of boring 24'.							
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B106

Reviewed By: Eric Plum		Total Depth:	24 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	20 Feet	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND, SILT, some Clay, moist (fill).		S1	NM	24/24	1.4		
	S2 (2-4') No recovery.		S2	NM	24/0	NM		
5	S3 (4-8') 22" Brownish gray, SILT, CLAY, some pulverized Rock and coarse Gravel, moist (fill).		S3	NM	48/22	1.1		5
	S4 (8-12') 48" Gray/Brown SILT, CLAY, some coarse Gravel and pulverised rock, moist (fill).							
10			S4	NM	48/48	1.1		10
	S5 (12-16') 30" Brown, fine SAND, SILT, CLAY, some coarse Gravel and pulverized Rock, moist, (fill).		S5	NM	48/30	1.3		
15								15
	S6 (16-20') 30" Brown, fine SAND, SILT, CLAY, some coarse Gravel and pulverized Rock, moist (fill).		S6	NM	48/30	1.2		
20	S7 (20-24') 20" Gray, fine SAND, SILT, some coarse Gravel, wet (fill).							20
			S7	NM	48/20	1.1		
	Refusal, end of boring 24'.							
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B107

Reviewed By: Erik Olsen		Total Depth:	16 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	15 Feet	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND, SILT, some Clay and coarse Gravel, layer **of black sand and silt at 0.5', moist, organic odor (fill).**		**S1**	**NM**	**24/24**	**<1**		
	S2 (2-4') 12" Gray/brown, SILT, some Clay, some fine Sand, moist (glacial/fluvial).		S2	NM	24/12	<1		
5	S3 (4-8') 48" Brown/Gray, SILT, CLAY, some fine Sand, moist, (glacial/fluvial).		S3	NM	48/48	<1		5
	S4 (8-12') 27" Brown, fine SAND, SILT, some Clay and coarse Gravel, moist (glacial/fluvial).							
10			S4	NM	48/27	<1		10
	S5 (12-16') 42" Brown, fine SAND, SILT, some Clay and coarse Gravel, wet (glacial/fluvial).							
			S5	NM	48/42	<1		
15								15
	End of boring, 16'.							
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B108

Reviewed By: Erik Phillips	Total Depth: 16 Feet	Logged By: MCD	
Date Reviewed: 6/17/16	Boring Diameter: 2 Inches	Date Drilled: 5-25-16 to 5-25-16	
GW Observed at: 15 Feet	Well Stickup: NA	Driller: EPI	

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, SILT, fine SAND, some Clay, moist (glacial/fluvial).		S1	NM	24/24	<1		
	S2 (2-4') 16" Brown, SILT, fine SAND, some Clay, moist (glacial/fluvial).		S2	NM	24/16	<1		
	S3 (4-8') 48" Gray, SILT, CLAY, some fine Sand, moist (glacial/fluvial).		S3	NM	48/48	<1		
	S4 (8-12') 48" Gray, SILT, CLAY, some fine Sand, moist (glacial/fluvial).		S4	NM	48/48	<1		
	S5 (12-16') 48" Gray, SILT, CLAY, wet (glacial/fluvial).		S5	NM	48/48	<1		
	End of boring, 16'.							

5, 10, 15, 20, 25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B109

Reviewed By: Erik Rhuing		Total Depth:	10.8 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	NO	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown SILT, fine SAND, some Clay and medium to coarse Gravel, moist (fill).		S1	NM	24/24	<1		
	S2 (2-4') 20" Brown SILT, fine SAND, some Clay and medium to coarse Gravel, moist (fill).		S2	NM	24/20	<1		
5	S3 (4-8') 30" Brown SILT, fine SAND, some Clay and coarse Gravel and pulverized Rock, moist (fill).		S3	NM	48/30	1.0		5
	S4 (8-10.8') 24" Brown SILT, fine SAND, some Clay and coarse Gravel, moist (fill).		S4	NM	34/24	<1		
10	Refusal, end of boring 10.8'.							10
15								15
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B110

Reviewed By: Erik Pluenz		Total Depth:	21.7 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	NO	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND, SILT, coarse GRAVEL, some Clay, moist (fill).		S1	NM	24/24	<1		
	S2 (2-4') 5" Gray, fine SAND, SILT, some Clay, moist, (glacial/fluvial).		S2	NM	24/5	<1		
	S3 (4-8') 36" Brown SILT, CLAY, some fine Sand, moist (glacial/fluvial).		S3	NM	48/36	<1		
5								5
	S4 (8-12') 48" Gray/brown, SILT, CLAY, fine SAND, moist, (glacial/fluvial).		S4	NM	48/48	<1		
10								10
	S5 (12-16') 24" Brown, fine SAND, SILT, some Clay and coarse Gravel, moist (glacial/fluvial).		S5	NM	48/24	<1		
15								15
	S6 (16-20') 18" Brownish/gray, fine SAND, SILT, coarse GRAVEL, moist, (glacial/fluvial).		S6	NM	48/18	<1		
20								20
	S7 (20-21.7') 12" Brown, fine SAND, SILT, some Clay and coarse Gravel, moist (glacial fluvial).		S7	NM	21/12	<1		
	Refusal, end of boring 21.7'.							
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B111

Reviewed By: Earle Phelps		Total Depth:	16 Feet	Logged By:	MCD
Date Reviewed: 6/17/16		Boring Diameter:	2 Inches	Date Drilled:	5-25-16 to 5-25-16
GW Observed at:	NO	Well Stickup:	NA	Driller:	EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 24" Brown, fine SAND, SILT, some coarse Gravel, moist (fill).		S1	NM	24/24	<1		
	S2 (2-4') 7" Brown, fine SAND, SILT, some coarse Gravel, moist (fill).		S2	NM	24/7	<1		
5	S3 (4-8') 18 Brown, fine SAND, SILT, some coarse Gravel, over 8" Gray, fine SAND, SILT and CLAY, contains bricks and ash, moist (fill).		S3	NM	48/26	<1		5
	S4 (8-12') 18" Dark gray/brown, fine SAND, SILT, some coarse Gravel contains brick, ash, moist, (fill).		S4	NM	48/18	<1		
10								10
	S5 (12-16') 11" Gray, SILT, CLAY, fine SAND, some pulverized Rock contains ash, moist (fill).		S5	NM	48/11	<1		
15								15
	End of boring, 16'.							
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

RANSOM Consulting Engineers and Scientists

BORING LOG: B112

Reviewed By: Erik Phung	Total Depth: 16 Feet	Logged By: MCD	
Date Reviewed: 6/17/16	Boring Diameter: 2 Inches	Date Drilled: 5-25-16 to 5-25-16	
GW Observed at: 12 Feet	Well Stickup: NA	Driller: EPI	

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppbv)	DEXSIL (ppm)	DEPTH
	S1 (0-2') 20" Brown, fine SAND, some coarse Gravel and pulverized Rock, dry (fill).		S1	NM	24/20	<1		
	S2 (2-4') No Recovery.		S2	NM	24/0	NM		
5	S3 (4-8') 29" Gray/brown, fine SAND, SILT, some Clay and coarse Gravel, contains ash and brick, moist (fill).		S3	NM	48/29	<1		5
	S4 (8-12') 14" Brown, fine SAND, SILT, some Clay and coarse Gravel, moist (glacial/fluvial).							
10			S4	NM	48/14	<1		10
	S5 (12-16') 14" Brown, fine SAND, SILT, trace crushed shells and crushed rock, wet (glacial/fluvial).							
			S5	NM	48/14	<1		
15								15
	End of boring, 16'.							
20								20
25								25

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NO = Not Observed; NM = Not Measured; NA = Not Applicable

CLIENT:
LCRPC

SITE:
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Project No.: 131.06156.011

APPENDIX C

Field Data Sheets

ASTM Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

RANSOM
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and Scientists

LOW-FLOW GROUND WATER SAMPLING LOG

Project: 131.06156.011 Project No.: Point East Maritime Village Date: 5/26/2016 Sampler(s): ARM/MLD

Site Location: Birch Point Road, Wiscasset, Maine ~~Well~~ Identification: PW101 Piezometer

WELL CONSTRUCTION DATA

Total Depth (feet): NA Static Depth to Ground Water (feet): NA Well Diameter (inches): NA

Measuring Point NA Screened Interval: NA Well Stick-up (feet): NA

Comments: —

PURGING DATA

Purging Device: Peristaltic pump Pump Intake Set At (Feet): NA Depth to GW after pump insertion: NA

Start Time: 1130 Comments: —

SAMPLE DATA

Sample Date/Time: 5/26/16 1130 Sample Identification: PW101 Laboratory: Alpha Analytical

Sample Analyses: G EPH G VPH G TPH G VOCs (Method 8260) G SVOCs G Metals RCRA8 G PCBs G Other

Comments:

Signed by Sampler: Michelle [signature] Date: 8/17/2016

P:\2013\131.06156\Point East_Birch Pond Road\Phase II\Report\gw sample log.doc
June 20, 2016

RANSOM Consulting Engineers and Scientists

PW101

LOW-FLOW GROUND WATER SAMPLING LOG

Time	Depth to Water (feet)	Pump Setting	Purge Rate (l/min)	Cumulative Volume Purged (liters)	Temperature ∀ 0.2 (°C)	Specific Conductivity ∀ 3% (mS/cm)	DO 10% or ∀ 0.10 (mg/L)	pH ∀ 0.1 (S.U.)	ORP ∀ 10 (mv)	Turbidity 10% (NTU)
1130	—	low	—	—	13.20	40.87	1.77	7.12	-86.3	74.4

Comments: _____

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LOW-FLOW GROUND WATER SAMPLING LOG

Project: Point East Maritime Village Project No.: 131.06156-011 Date: 5/26/2016 Sampler(s): ARM/MCD

Site Location: Birch Point Road, Wiscasset, Maine ~~Well~~ Piezometer Identification: PW102

WELL CONSTRUCTION DATA

Total Depth (feet): NA Static Depth to Ground Water (feet): NA Well Diameter (inches): NA

Measuring Point NA Screened Interval: NA Well Stick-up (feet): NA

Comments: —

PURGING DATA

Purging Device: Peristaltic pump Pump Intake Set At (Feet): NA Depth to GW after pump insertion: NA

Start Time: 1200 Comments: —

SAMPLE DATA

Sample Date/Time: 5/26/16 1200 Sample Identification: PW102 Laboratory: Alpha Analytical

Sample Analyses: G EPH G VPH G TPH G VOCs (Method 8260) G SVOCs G Metals (RCRA 8) G PCBs G Other

Comments:

Signed by Sampler: [signature] Date: 6/17/2016

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PW102

LOW-FLOW GROUND WATER SAMPLING LOG

Time	Depth to Water (feet)	Pump Setting	Purge Rate (l/min)	Cumulative Volume Purged (liters)	Temperature ∀ 0.2 (°C)	Specific Conductivity ∀ 3% (mS/cm)	DO 10% or ∀ 0.10 (mg/L)	pH ∀ 0.1 (S.U.)	ORP ∀ 10 (mv)	Turbidity 10% (NTU)
1200	—	low	—	—	13.38	41.81	5.63	7.22	120.3	71.1

Comments: _____

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LOW-FLOW GROUND WATER SAMPLING LOG

Project: Point East Maritime Village Project No.: 131.06156.011 Date: 5/26/2016 Sampler(s): ARM/MCD

Site Location: Birch Point Road, Wiscasset, Maine ~~Well Identification~~ Porewater: PW103

WELL CONSTRUCTION DATA

Total Depth (feet): NA Static Depth to Ground Water (feet): NA Well Diameter (inches): NA

Measuring Point NA Screened Interval: NA Well Stick-up (feet): NA

Comments: —

PURGING DATA

Purging Device: Peristaltic pump Pump Intake Set At (Feet): NA Depth to GW after pump insertion: NA

Start Time: 1200 Comments: —

SAMPLE DATA

Sample Date/Time: 5/26/16 1200 Sample Identification: PW103 Laboratory: Alpha Analytical

Sample Analyses: G EPH G VPH G TPH G VOCs (Method 8260) G SVOCs G Metals (RCRA 8) G PCBs G Other

Comments: —

Signed by Sampler: Michelle [illegible] / [illegible] Date: 6/17/2016

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PW103

LOW-FLOW GROUND WATER SAMPLING LOG

Time	Depth to Water (feet)	Pump Setting	Purge Rate (l/min)	Cumulative Volume Purged (liters)	Temperature ∀ 0.2 (°C)	Specific Conductivity ∀ 3% (mS/cm)	DO 10% or ∀ 0.10 (mg/L)	pH ∀ 0.1 (S.U.)	ORP ∀ 10 (mv)	Turbidity 10% (NTU)
1200	—	low	—	—	16.19	41.37	6.80	7.46	-70.3	>1000

Comments: _____

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LOW-FLOW GROUND WATER SAMPLING LOG

Project: Point East Maritime Village Project No.: 131-06156.011 Date: 5/26/2016 Sampler(s): ARM / MCD

Site Location: Birch Point Road, Wiscasset, Maine ~~Well~~ Piezometer Identification: PW 104

WELL CONSTRUCTION DATA

Total Depth (feet): NA Static Depth to Ground Water (feet): NA Well Diameter (inches): NA

Measuring Point NA Screened Interval: NA Well Stick-up (feet): NA

Comments: —

PURGING DATA

Purging Device: Peristaltic pump Pump Intake Set At (Feet): NA Depth to GW after pump insertion: NA

Start Time: 1300 Comments: —

SAMPLE DATA

Sample Date/Time: 5/26/16 1300 Sample Identification: PW104 Laboratory: Alpha Analytical

Sample Analyses: G EPH G VPH G TPH G VOCs (Method 8260) G SVOCs G Metals (RCRA) G PCBs G Other

Comments: PW Dup collected w/ PW104 in an alternating container method

Signed by Sampler: [signature] Date: 6/17/2016

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PW104

LOW-FLOW GROUND WATER SAMPLING LOG

Time	Depth to Water (feet)	Pump Setting	Purge Rate (l/min)	Cumulative Volume Purged (liters)	Temperature ∀ 0.2 (°C)	Specific Conductivity ∀ 3% (mS/cm)	DO 10% or ∀ 0.10 (mg/L)	pH ∀ 0.1 (S.U.)	ORP ∀ 10 (mv)	Turbidity 10% (NTU)
1300	—	low	—	—	12.2	245	9.71	6.90	17.2	95.8

Comments: PW Dup collected ~~from~~ simultaneously w/ PW104 in an alternating bottle ~~manner~~ method
MCD

RANSOM
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and Scientists

LOW-FLOW GROUND WATER SAMPLING LOG

Project: 131.06156.011 Project No.: Point East Maritime Village Mason Station Date: 5/26/2016 Sampler(s): ARM / MCD

Site Location: Birch Point Road, Wiscasset, Maine ~~Well~~ Porewater Identification: PWBK1

WELL CONSTRUCTION DATA

Total Depth (feet): NA Static Depth to Ground Water (feet): NA Well Diameter (inches): NA

Measuring Point NA Screened Interval: NA Well Stick-up (feet): NA

Comments: —

PURGING DATA

Purging Device: Peristaltic pump Pump Intake Set At (Feet): NA Depth to GW after pump insertion: NA

Start Time: ~~1350~~ 1400 MCD Comments: —

SAMPLE DATA

Sample Date/Time: 5/26/2016 1400 Sample Identification: PWBK Laboratory: Alpha Analytical

Sample Analyses: G EPH G VPH G TPH G VOCs (Method 8260) G SVOCs G Metals (RCRA 8) G PCBs G Other

Comments: Porewater sample filtered in field w/ in-line ~~40 µm~~ MCD 0.45 µm

Signed by Sampler: Michele Dere / [signature] Date: 6/17/2016

RANSOM
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Engineers
and Scientists

PWBK

LOW-FLOW GROUND WATER SAMPLING LOG

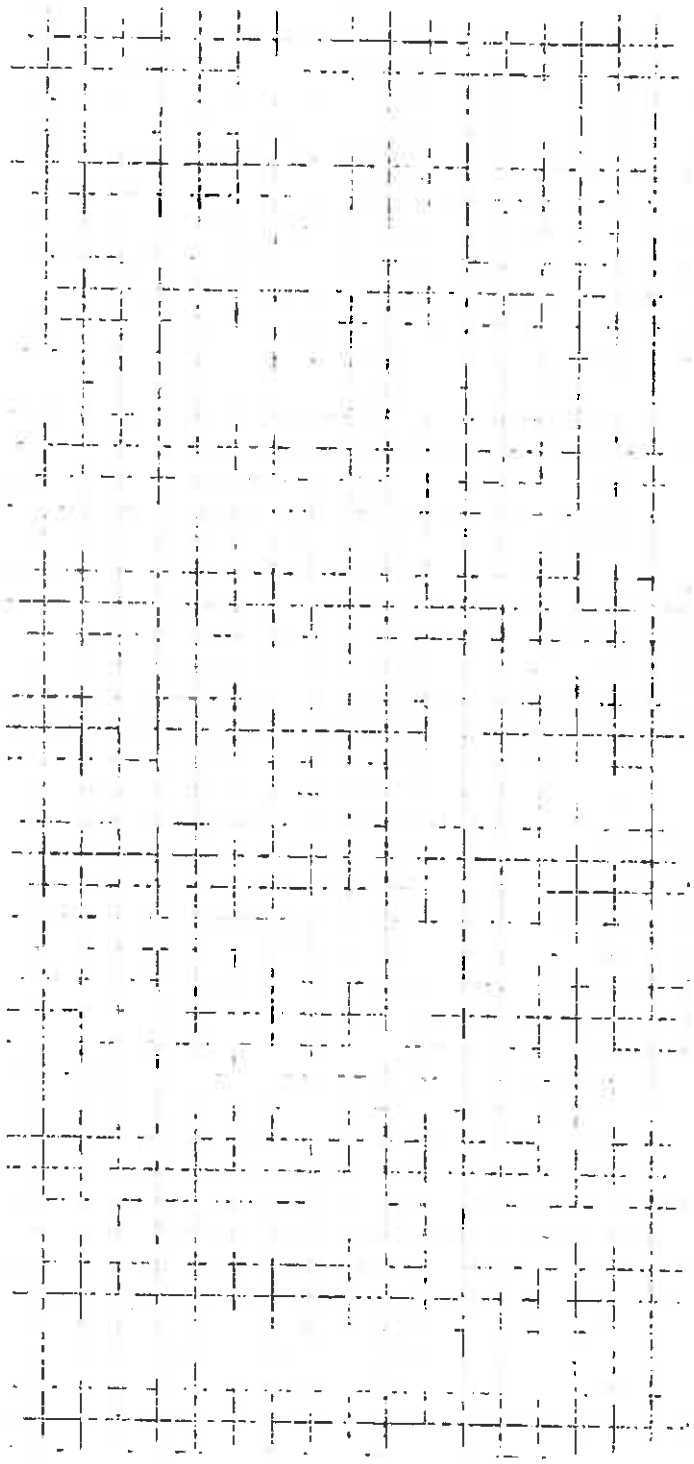
Time	Depth to Water (feet)	Pump Setting	Purge Rate (l/min)	Cumulative Volume Purged (liters)	Temperature ∀ 0.2 (°C)	Specific Conductivity ∀ 3% (mS/cm)	DO 10% or ∀ 0.10 (mg/L)	pH ∀ 0.1 (S.U.)	ORP ∀ 10 (mv)	Turbidity 10% (NTU)
1400	—	low	—	—	16.48°C	106	10.65	8.00	98.7	22.9

Comments: _____

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Mason Station / Point East	
Location:	Wiscasset ME	
Date:	5/26/2016	
Sample I.D.:	SV101	
Sampling Personnel:	MCD	
Project Manager:	SJD	
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)	
PID:	ambient 0	SV101 0
O_2:	20.9	14.3 %vol
CO_2:	325	10000 ppm
Flow rate:	200 mL/min	
Cannister I.D.:	339	
Controller I.D.:	0608	
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	~3' bgs	
Depth to Water:		
Suspected COCs:	(Petroleum) (Solvents)	
Sampling Start Time:	1014	
Initial Vacuum:	-30.64	
Sampling End Time:	-4.08	
Final Vaccum:	1025	

Sample Location Sketch

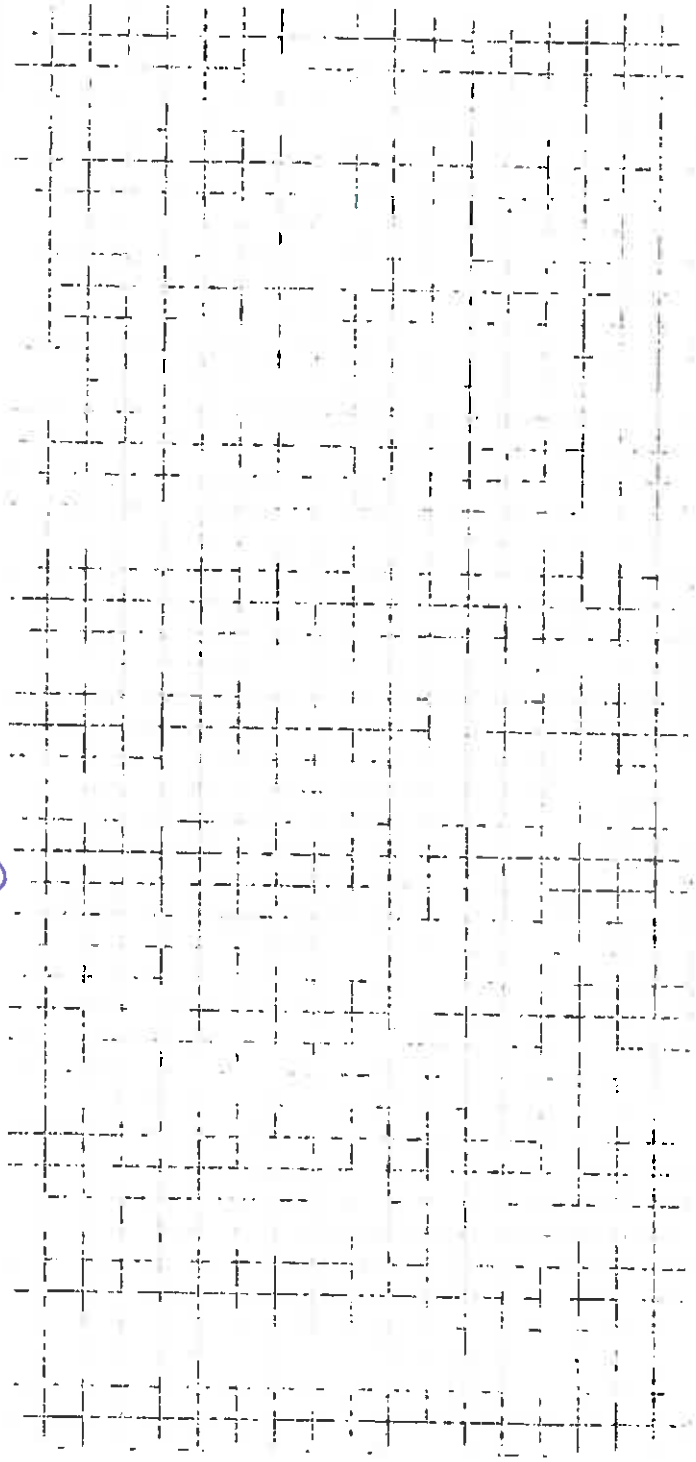


Notes:

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Mason station / Point East	
Location:	Wiscasset ME	
Date:	5/26/2016	
Sample I.D.:	SV102	
Sampling Personnel:	MCD	
Project Manager:	SJD	
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)	
PID:	ambient 0 ppm	SV102 NM*
O_2:	20.9%	NM*
CO_2:	325 ppm	NM*
Flow rate:	200 mL/min	
Cannister I.D.:	2280	
Controller I.D.:	0571	
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	~3' bgs	
Depth to Water:		
Suspected COCs:	(Petroleum) (Solvents)	
Sampling Start Time:	1056	
Initial Vacuum:	-27.86	
Sampling End Time:	~~2301~~ 1122	
Final Vaccum:	-23.19	

Sample Location Sketch

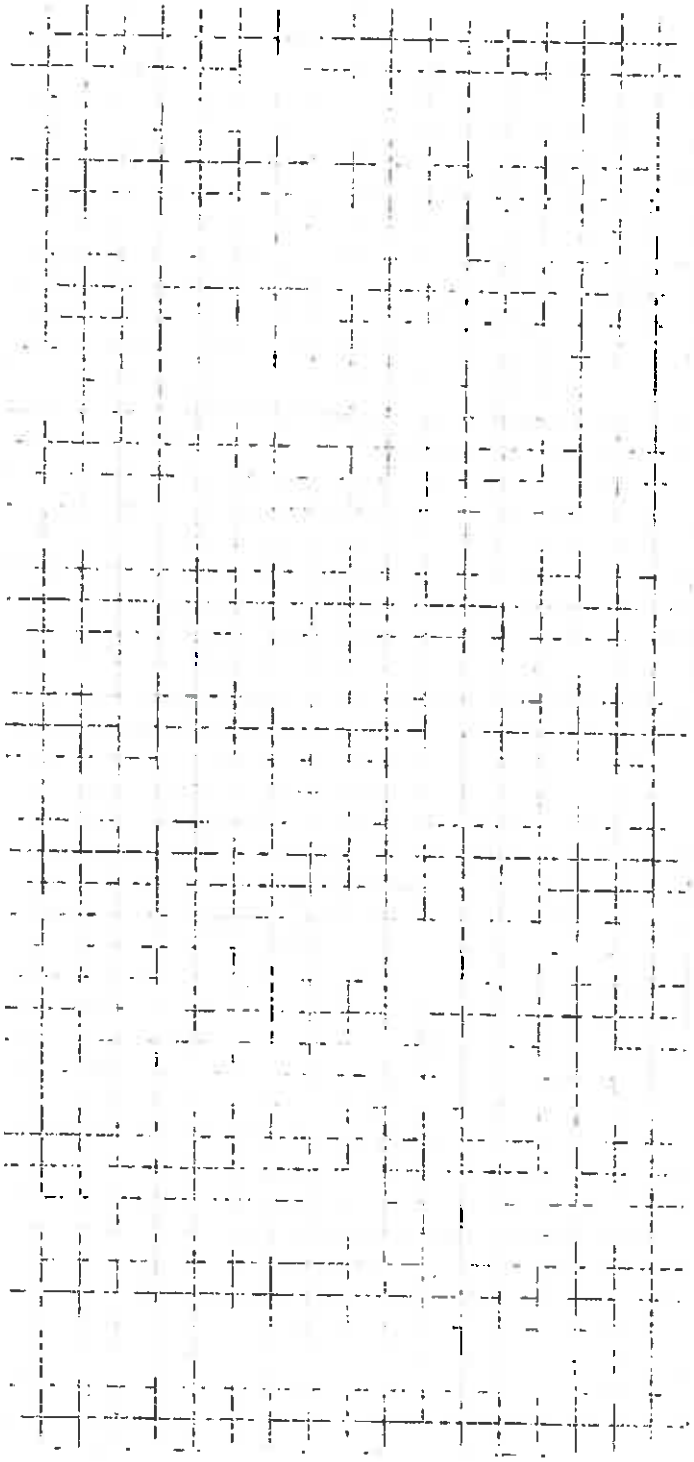


Notes:
* PID, O_2, CO_2 ~~not~~ unable to be measured. Low ~~flow~~ ~~resulted~~ vapor ~~flow~~ yield from formation. Eagle and PID unable to pull vapor ~~to~~ and caused instruments to shut off.

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Point East	
Location:	SV103	
Date:	5/26/16	
Sample I.D.:	SV103 + SV-DUP	
Sampling Personnel:	MCD	
Project Manager:	~~ARM?~~ SJD	
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)	
PID:	SV103 NM*	Dup NM*
O_2:	NM*	NM*
CO_2:	NM*	NM*
Flow rate:	200 mL/min	200 mL/min
Cannister I.D.:	122	458
Controller I.D.:	0693	0650
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine) ?	
Sample Depth:	~3' bgs	
Depth to Water:		
Suspected COCs:	(Petroleum)	(Solvents)
Sampling Start Time:	0910	0910
Initial Vacuum:	-28.89	-30.45
Sampling End Time:	-27.50	-28.03
Final Vaccum:	0933	0933

Sample Location Sketch



Notes: ambient PID: 0.0
O_2: 20.9
CO_2: 0ppm

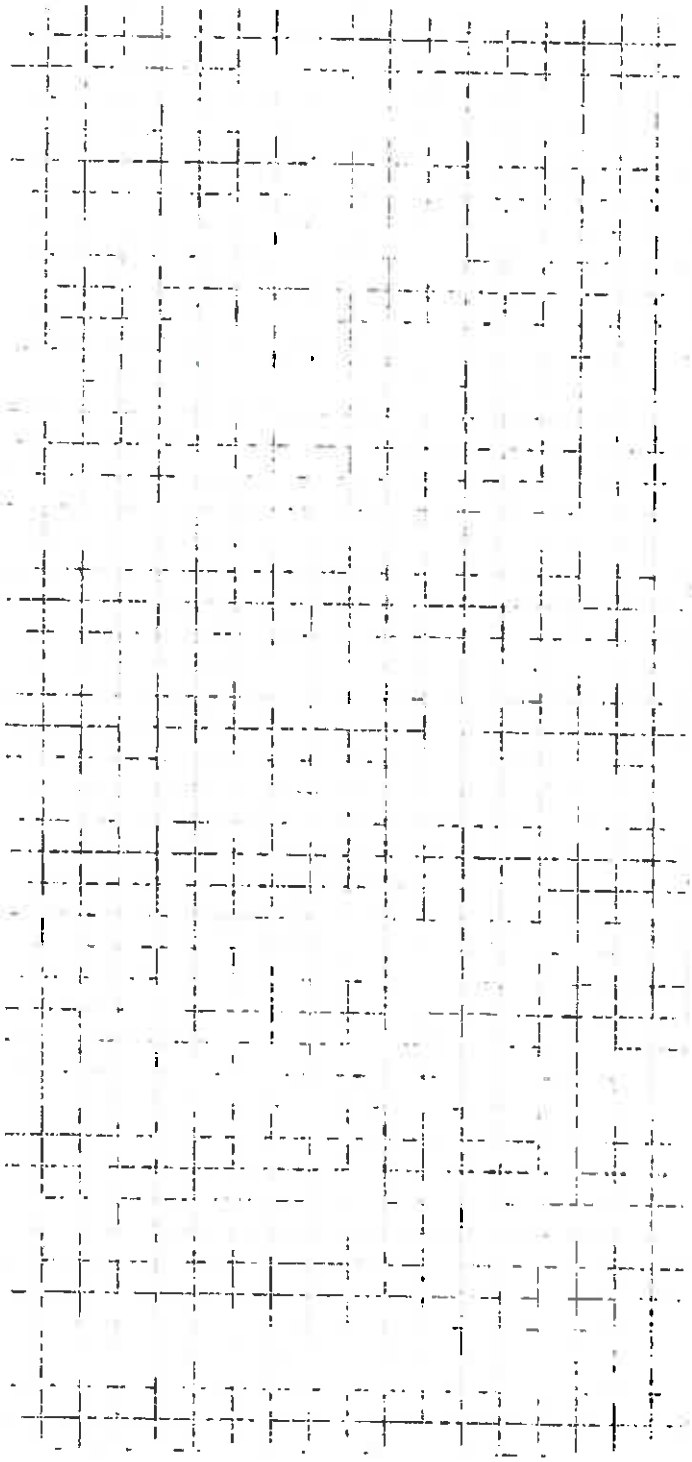
SV point ~~Bering~~ drilled ~4' bgs + pulled up to 3' bgs

* ~~Sa~~ Unable to measure soil vapor parameters due to low vapor yield from formation. Pumps in meters not able to suck vapor.

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Mason Station/ Point East	
Location:	Wiscasset ME	
Date:	05/26/16	
Sample I.D.:	SV104	
Sampling Personnel:	MCD	
Project Manager:	SJP	
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)	
PID:	ambient 0	SV104 * NM
O_2:	20.9	* NM
CO_2:	300	* NM
Flow rate:	200 mL/min	
Cannister I.D.:	2226	
Controller I.D.:	0526	
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	~3' bgs	
Depth to Water:		
Suspected COCs:	(Petroleum) (Solvents)	
Sampling Start Time:	1200	
Initial Vacuum:	-29.86	
Sampling End Time:	-26.47	
Final Vaccum:	1224	

Sample Location Sketch



Notes:

* PID, CO_2, O_2 unable to be measured. Low vapor yield caused instruments to shut off.

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Mason Station / point East
Town:	Wiscasset ME
Date:	5/26/2016
Sample I.D.:	SV105
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	MCD
Project Manager	SJP
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	
Depth to Water:	
Suspected COCs:	(Petroleum) (Solvents)
Cannister I.D.:	163
Flow Control I.D.:	0504
Flow control rate:	200 mL/min
O_2 Ambient	* NM
CO_2 Ambient	* NM
PID ~~subsurface~~ pressure/vacuum	* NM ~~(+/- inches of water column)~~
~~Pre-Sample~~: O_2	21.2 % vol
Pre-Sample CO_2 :	300 ppm
~~Pre-Sample~~ PID:	0 ppm
~~Pre-Sample CH_4:~~	(% Volume, %LEL, PPM)
Sample Initiation Time:	1352
Initial Vacuum:	-30.40
Sample End Time:	1415
Final Vaccum:	-25.14
Post Sample O_2 :	
Post Sample CO_2:	

pre-sample

ambient

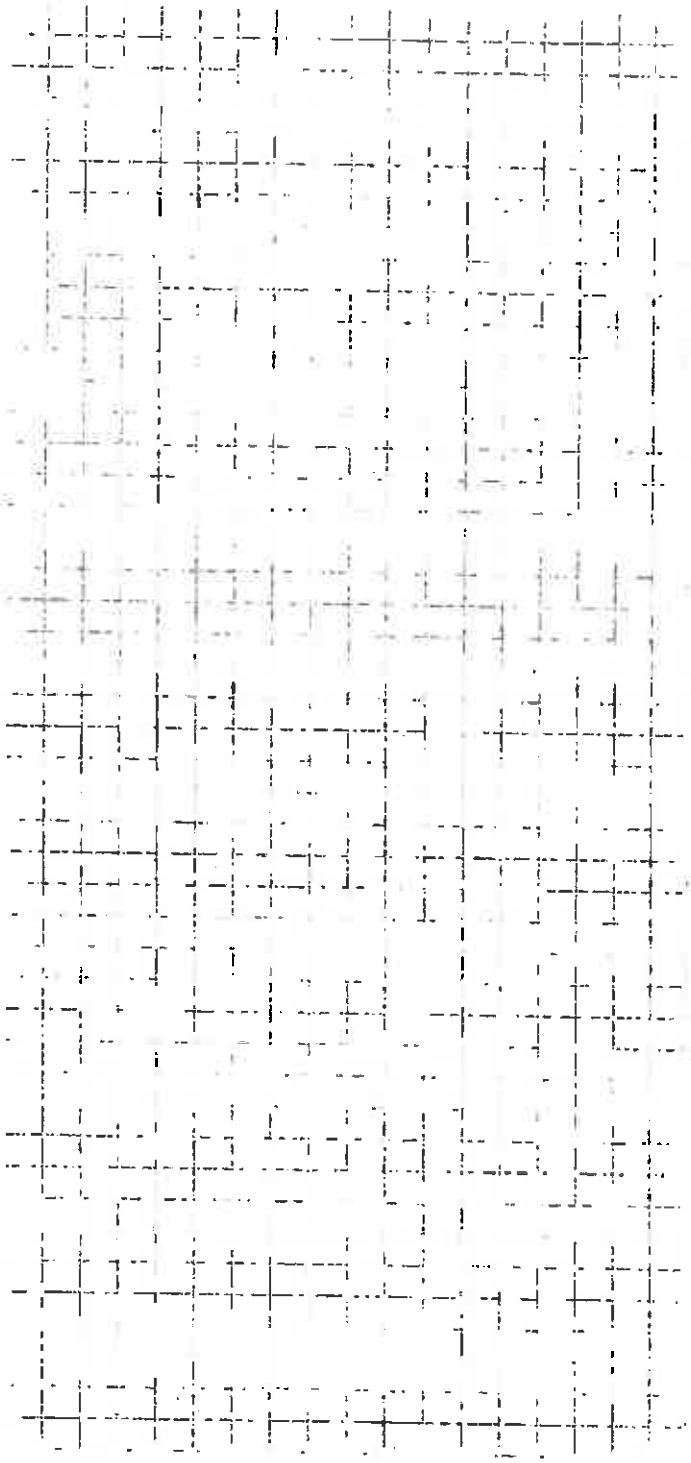
Sample Location Sketch

Notes: * unable to measure PID, CO2, O2. ~~due to~~ low vapor yield caused ~~pumps~~ instruments to shut off.

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Masonstation / Point East	
Location:	Nipcasset ME	
Date:	5/26/2016	
Sample I.D.:	SV106	
Sampling Personnel:	MCD	
Project Manager:	SJD	
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)	
PID:	ambient 0 ppm	SV106 0
O_2:	20.9%	18.8
CO_2:	300 ppm	0.0006
Flow rate:	200 mL/min	
Cannister I.D.:	191B	
Controller I.D.:	0535	
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	~3' bgs	
Depth to Water:		
Suspected COCs:	(Petroleum) (Solvents)	
Sampling Start Time:	1302	
Initial Vacuum:	-30.00	
Sampling End Time:	1312	
Final Vaccum:	-4.87	

Sample Location Sketch



Notes:

APPENDIX D

Laboratory Results

ASTM Phase II Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

ANALYTICAL REPORT

Lab Number:	L1616081
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Steve Dyer
Phone:	(207) 772-2891
Project Name:	POINT EAST MARITIME VILLAGE
Project Number:	131.06156.011
Report Date:	06/09/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1616081-01	B101-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 08:15	05/26/16
L1616081-02	B102-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 09:15	05/26/16
L1616081-03	B103-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 08:30	05/26/16
L1616081-04	B104-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 09:45	05/26/16
L1616081-05	B106-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 10:30	05/26/16
L1616081-06	B105-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 11:30	05/26/16
L1616081-07	B110-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 12:30	05/26/16
L1616081-08	B107-S1-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 13:20	05/26/16
L1616081-09	B111-S3-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 15:00	05/26/16
L1616081-10	B112-S3-052516	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 15:30	05/26/16
L1616081-11	SS101	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 15:20	05/26/16
L1616081-12	SS102	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 15:00	05/26/16
L1616081-13	SS103	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 15:30	05/26/16
L1616081-14	SS104	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 15:45	05/26/16
L1616081-15	SS105	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 14:00	05/26/16
L1616081-16	SS106	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 14:15	05/26/16
L1616081-17	SS107	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 16:00	05/26/16
L1616081-18	SS108	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 16:00	05/26/16
L1616081-19	SS-DUP	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 16:00	05/26/16
L1616081-20	TRIP BLANK	SOIL	BIRCH POINT RD., WISCASSET, ME	05/25/16 00:00	05/26/16

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081
Project Number: 131.06156.011 **Report Date:** 06/09/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1616081-18: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Metals

The WG898703-3 Laboratory Duplicate RPDs, performed on L1616081-07, are outside the acceptance criteria for arsenic (22%), barium (21%) and lead (21%). The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/09/16

ORGANICS

VOLATILES

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-07	Date Collected:	05/25/16 12:30
Client ID:	B110-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/02/16 23:28		
Analyst:	PK		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	0.82	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.06	1
Chloroform	ND		ug/kg	1.1	0.28	1
Carbon tetrachloride	ND		ug/kg	0.74	0.16	1
1,2-Dichloropropane	ND		ug/kg	2.6	0.17	1
Dibromochloromethane	ND		ug/kg	0.74	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	0.74	0.10	1
Chlorobenzene	ND		ug/kg	0.74	0.26	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.29	1
1,2-Dichloroethane	ND		ug/kg	0.74	0.08	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.08	1
Bromodichloromethane	ND		ug/kg	0.74	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.09	1
1,1-Dichloropropene	ND		ug/kg	3.7	0.10	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.08	1
Benzene	ND		ug/kg	0.74	0.09	1
Toluene	ND		ug/kg	1.1	0.14	1
Ethylbenzene	ND		ug/kg	0.74	0.10	1
Chloromethane	ND		ug/kg	3.7	0.22	1
Bromomethane	ND		ug/kg	1.5	0.25	1
Vinyl chloride	ND		ug/kg	1.5	0.09	1
Chloroethane	ND		ug/kg	1.5	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.74	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Trichloroethene	ND		ug/kg	0.74	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.11	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-07 Date Collected: 05/25/16 12:30

Client ID: B110-S1-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.06	1
p/m-Xylene	ND		ug/kg	1.5	0.15	1
o-Xylene	ND		ug/kg	1.5	0.13	1
Xylenes, Total	ND		ug/kg	1.5	0.13	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.74	0.11	1
Dibromomethane	ND		ug/kg	7.4	0.12	1
1,4-Dichlorobutane	ND		ug/kg	7.4	0.10	1
1,2,3-Trichloropropane	ND		ug/kg	7.4	0.12	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	7.4	0.14	1
Acetone	1.8	J	ug/kg	27	0.77	1
Carbon disulfide	ND		ug/kg	7.4	0.82	1
2-Butanone	ND		ug/kg	7.4	0.20	1
Vinyl acetate	ND		ug/kg	7.4	0.10	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	0.18	1
2-Hexanone	ND		ug/kg	7.4	0.50	1
Ethyl methacrylate	ND		ug/kg	7.4	0.12	1
Acrylonitrile	ND		ug/kg	3.0	0.38	1
Bromochloromethane	ND		ug/kg	3.7	0.20	1
Tetrahydrofuran	ND		ug/kg	15	0.74	1
2,2-Dichloropropane	ND		ug/kg	3.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	3.0	0.13	1
1,3-Dichloropropane	ND		ug/kg	3.7	0.11	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Bromobenzene	ND		ug/kg	3.7	0.15	1
n-Butylbenzene	ND		ug/kg	0.74	0.09	1
sec-Butylbenzene	ND		ug/kg	0.74	0.09	1
tert-Butylbenzene	ND		ug/kg	3.7	0.10	1
o-Chlorotoluene	ND		ug/kg	3.7	0.12	1
p-Chlorotoluene	ND		ug/kg	3.7	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	0.29	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.17	1
Isopropylbenzene	ND		ug/kg	0.74	0.08	1
p-Isopropyltoluene	ND		ug/kg	0.74	0.09	1
Naphthalene	ND		ug/kg	3.7	0.10	1
n-Propylbenzene	ND		ug/kg	0.74	0.08	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-07 Date Collected: 05/25/16 12:30

Client ID: B110-S1-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.14	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.11	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.7	0.10	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.7	0.29	1
Ethyl ether	ND		ug/kg	3.7	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	96		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-08	Date Collected:	05/25/16 13:20
Client ID:	B107-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/02/16 23:54		
Analyst:	PK		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.2	0.17	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-08 Date Collected: 05/25/16 13:20

Client ID: B107-S1-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
Xylenes, Total	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
1,4-Dichlorobutane	ND		ug/kg	12	0.16	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	3.9	J	ug/kg	44	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Ethyl methacrylate	ND		ug/kg	12	0.19	1
Acrylonitrile	ND		ug/kg	5.0	0.64	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
Tetrahydrofuran	ND		ug/kg	25	1.2	1
2,2-Dichloropropane	ND		ug/kg	6.2	0.28	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.2	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
o-Chlorotoluene	ND		ug/kg	6.2	0.20	1
p-Chlorotoluene	ND		ug/kg	6.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-08 Date Collected: 05/25/16 13:20

Client ID: B107-S1-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	0.48	1
Ethyl ether	ND		ug/kg	6.2	0.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-09	Date Collected:	05/25/16 15:00
Client ID:	B111-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 00:19		
Analyst:	PK		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	0.77	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.06	1
Chloroform	ND		ug/kg	1.0	0.26	1
Carbon tetrachloride	ND		ug/kg	0.70	0.14	1
1,2-Dichloropropane	ND		ug/kg	2.4	0.16	1
Dibromochloromethane	ND		ug/kg	0.70	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.21	1
Tetrachloroethene	ND		ug/kg	0.70	0.10	1
Chlorobenzene	ND		ug/kg	0.70	0.24	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.27	1
1,2-Dichloroethane	ND		ug/kg	0.70	0.08	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.08	1
Bromodichloromethane	ND		ug/kg	0.70	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	0.70	0.08	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.08	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.08	1
1,1-Dichloropropene	ND		ug/kg	3.5	0.10	1
Bromoform	ND		ug/kg	2.8	0.16	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.07	1
Benzene	ND		ug/kg	0.70	0.08	1
Toluene	ND		ug/kg	1.0	0.14	1
Ethylbenzene	ND		ug/kg	0.70	0.09	1
Chloromethane	ND		ug/kg	3.5	0.20	1
Bromomethane	ND		ug/kg	1.4	0.23	1
Vinyl chloride	ND		ug/kg	1.4	0.08	1
Chloroethane	ND		ug/kg	1.4	0.22	1
1,1-Dichloroethene	ND		ug/kg	0.70	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Trichloroethene	ND		ug/kg	0.70	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	3.5	0.11	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-09 Date Collected: 05/25/16 15:00

Client ID: B111-S3-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.5	0.09	1
1,4-Dichlorobenzene	ND		ug/kg	3.5	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.4	0.06	1
p/m-Xylene	ND		ug/kg	1.4	0.14	1
o-Xylene	ND		ug/kg	1.4	0.12	1
Xylenes, Total	ND		ug/kg	1.4	0.12	1
cis-1,2-Dichloroethene	ND		ug/kg	0.70	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.70	0.10	1
Dibromomethane	ND		ug/kg	7.0	0.11	1
1,4-Dichlorobutane	ND		ug/kg	7.0	0.09	1
1,2,3-Trichloropropane	ND		ug/kg	7.0	0.11	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	7.0	0.13	1
Acetone	31		ug/kg	25	0.72	1
Carbon disulfide	ND		ug/kg	7.0	0.77	1
2-Butanone	5.3	J	ug/kg	7.0	0.19	1
Vinyl acetate	ND		ug/kg	7.0	0.09	1
4-Methyl-2-pentanone	ND		ug/kg	7.0	0.17	1
2-Hexanone	ND		ug/kg	7.0	0.46	1
Ethyl methacrylate	ND		ug/kg	7.0	0.11	1
Acrylonitrile	ND		ug/kg	2.8	0.36	1
Bromochloromethane	ND		ug/kg	3.5	0.19	1
Tetrahydrofuran	ND		ug/kg	14	0.69	1
2,2-Dichloropropane	ND		ug/kg	3.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	2.8	0.12	1
1,3-Dichloropropane	ND		ug/kg	3.5	0.10	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.22	1
Bromobenzene	ND		ug/kg	3.5	0.14	1
n-Butylbenzene	ND		ug/kg	0.70	0.08	1
sec-Butylbenzene	ND		ug/kg	0.70	0.09	1
tert-Butylbenzene	ND		ug/kg	3.5	0.09	1
o-Chlorotoluene	ND		ug/kg	3.5	0.11	1
p-Chlorotoluene	ND		ug/kg	3.5	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	0.28	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.16	1
Isopropylbenzene	ND		ug/kg	0.70	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.70	0.09	1
Naphthalene	ND		ug/kg	3.5	0.10	1
n-Propylbenzene	ND		ug/kg	0.70	0.08	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-09 Date Collected: 05/25/16 15:00

Client ID: B111-S3-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	3.5	0.10	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.5	0.13	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.5	0.10	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.5	0.10	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.5	0.27	1
Ethyl ether	ND		ug/kg	3.5	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-10	Date Collected:	05/25/16 15:30
Client ID:	B112-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 00:44		
Analyst:	PK		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	0.85	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.28	1
Carbon tetrachloride	ND		ug/kg	0.77	0.16	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.18	1
Dibromochloromethane	ND		ug/kg	0.77	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.23	1
Tetrachloroethene	ND		ug/kg	0.77	0.11	1
Chlorobenzene	ND		ug/kg	0.77	0.27	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.30	1
1,2-Dichloroethane	ND		ug/kg	0.77	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.09	1
Bromodichloromethane	ND		ug/kg	0.77	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.77	0.09	1
1,1-Dichloropropene	ND		ug/kg	3.8	0.11	1
Bromoform	ND		ug/kg	3.1	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.08	1
Benzene	ND		ug/kg	0.77	0.09	1
Toluene	ND		ug/kg	1.2	0.15	1
Ethylbenzene	ND		ug/kg	0.77	0.10	1
Chloromethane	ND		ug/kg	3.8	0.23	1
Bromomethane	ND		ug/kg	1.5	0.26	1
Vinyl chloride	ND		ug/kg	1.5	0.09	1
Chloroethane	ND		ug/kg	1.5	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Trichloroethene	ND		ug/kg	0.77	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.12	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-10 Date Collected: 05/25/16 15:30

Client ID: B112-S3-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.07	1
p/m-Xylene	ND		ug/kg	1.5	0.15	1
o-Xylene	ND		ug/kg	1.5	0.13	1
Xylenes, Total	ND		ug/kg	1.5	0.13	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.11	1
1,2-Dichloroethene, Total	ND		ug/kg	0.77	0.11	1
Dibromomethane	ND		ug/kg	7.7	0.12	1
1,4-Dichlorobutane	ND		ug/kg	7.7	0.10	1
1,2,3-Trichloropropane	ND		ug/kg	7.7	0.12	1
Styrene	ND		ug/kg	1.5	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.15	1
Acetone	120		ug/kg	28	0.80	1
Carbon disulfide	ND		ug/kg	7.7	0.85	1
2-Butanone	24		ug/kg	7.7	0.21	1
Vinyl acetate	ND		ug/kg	7.7	0.10	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.19	1
2-Hexanone	ND		ug/kg	7.7	0.51	1
Ethyl methacrylate	ND		ug/kg	7.7	0.12	1
Acrylonitrile	ND		ug/kg	3.1	0.40	1
Bromochloromethane	ND		ug/kg	3.8	0.21	1
Tetrahydrofuran	ND		ug/kg	15	0.77	1
2,2-Dichloropropane	ND		ug/kg	3.8	0.17	1
1,2-Dibromoethane	ND		ug/kg	3.1	0.13	1
1,3-Dichloropropane	ND		ug/kg	3.8	0.11	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.77	0.24	1
Bromobenzene	ND		ug/kg	3.8	0.16	1
n-Butylbenzene	ND		ug/kg	0.77	0.09	1
sec-Butylbenzene	ND		ug/kg	0.77	0.09	1
tert-Butylbenzene	ND		ug/kg	3.8	0.10	1
o-Chlorotoluene	ND		ug/kg	3.8	0.12	1
p-Chlorotoluene	ND		ug/kg	3.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	0.30	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.18	1
Isopropylbenzene	ND		ug/kg	0.77	0.08	1
p-Isopropyltoluene	ND		ug/kg	0.77	0.10	1
Naphthalene	ND		ug/kg	3.8	0.11	1
n-Propylbenzene	ND		ug/kg	0.77	0.08	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-10 Date Collected: 05/25/16 15:30

Client ID: B112-S3-052516 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.14	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.8	0.11	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.8	0.11	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.8	0.30	1
Ethyl ether	ND		ug/kg	3.8	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-11	Date Collected:	05/25/16 15:20
Client ID:	SS101	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 01:09		
Analyst:	PK		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	7.0	0.20	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.21	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-11 Date Collected: 05/25/16 15:20

Client ID: SS101 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
Xylenes, Total	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.23	1
1,4-Dichlorobutane	ND		ug/kg	14	0.18	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	4.0	J	ug/kg	50	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.93	1
Ethyl methacrylate	ND		ug/kg	14	0.22	1
Acrylonitrile	ND		ug/kg	5.6	0.71	1
Bromochloromethane	ND		ug/kg	7.0	0.38	1
Tetrahydrofuran	ND		ug/kg	28	1.4	1
2,2-Dichloropropane	ND		ug/kg	7.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	7.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	7.0	0.19	1
o-Chlorotoluene	ND		ug/kg	7.0	0.22	1
p-Chlorotoluene	ND		ug/kg	7.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.55	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.32	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	7.0	0.19	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-11 Date Collected: 05/25/16 15:20

Client ID: SS101 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	0.54	1
Ethyl ether	ND		ug/kg	7.0	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	96		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-12	Date Collected:	05/25/16 15:00
Client ID:	SS102	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 01:34		
Analyst:	PK		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.17	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.18	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-12 Date Collected: 05/25/16 15:00

Client ID: SS102 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
Xylenes, Total	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
1,4-Dichlorobutane	ND		ug/kg	12	0.16	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	44	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.81	1
Ethyl methacrylate	ND		ug/kg	12	0.19	1
Acrylonitrile	ND		ug/kg	4.8	0.62	1
Bromochloromethane	ND		ug/kg	6.1	0.33	1
Tetrahydrofuran	ND		ug/kg	24	1.2	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.1	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.1	0.16	1
o-Chlorotoluene	ND		ug/kg	6.1	0.19	1
p-Chlorotoluene	ND		ug/kg	6.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.1	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-12 Date Collected: 05/25/16 15:00

Client ID: SS102 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1
Ethyl ether	ND		ug/kg	6.1	0.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	97		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-13	Date Collected:	05/25/16 15:30
Client ID:	SS103	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 02:00		
Analyst:	PK		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-13 Date Collected: 05/25/16 15:30

Client ID: SS103 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
Xylenes, Total	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
1,4-Dichlorobutane	ND		ug/kg	14	0.18	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	5.3	J	ug/kg	49	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
2-Hexanone	ND		ug/kg	14	0.90	1
Ethyl methacrylate	ND		ug/kg	14	0.21	1
Acrylonitrile	ND		ug/kg	5.4	0.70	1
Bromochloromethane	ND		ug/kg	6.8	0.37	1
Tetrahydrofuran	ND		ug/kg	27	1.3	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.16	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.8	0.19	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-13 Date Collected: 05/25/16 15:30

Client ID: SS103 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.53	1
Ethyl ether	ND		ug/kg	6.8	0.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-14	Date Collected:	05/25/16 15:45
Client ID:	SS104	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 02:25		
Analyst:	PK		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.59	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.62	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.22	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.9	0.47	1
Bromomethane	ND		ug/kg	3.2	0.54	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.24	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-14 Date Collected: 05/25/16 15:45

Client ID: SS104 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.13	1
p/m-Xylene	ND		ug/kg	3.2	0.31	1
o-Xylene	ND		ug/kg	3.2	0.27	1
Xylenes, Total	ND		ug/kg	3.2	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.23	1
Dibromomethane	ND		ug/kg	16	0.26	1
1,4-Dichlorobutane	ND		ug/kg	16	0.21	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.64	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	19	J	ug/kg	57	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	0.43	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
2-Hexanone	ND		ug/kg	16	1.0	1
Ethyl methacrylate	ND		ug/kg	16	0.24	1
Acrylonitrile	ND		ug/kg	6.3	0.81	1
Bromochloromethane	ND		ug/kg	7.9	0.44	1
Tetrahydrofuran	ND		ug/kg	32	1.6	1
2,2-Dichloropropane	ND		ug/kg	7.9	0.36	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.9	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.9	0.33	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.9	0.21	1
o-Chlorotoluene	ND		ug/kg	7.9	0.25	1
p-Chlorotoluene	ND		ug/kg	7.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.63	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.36	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.9	0.22	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-14 Date Collected: 05/25/16 15:45

Client ID: SS104 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.62	1
Ethyl ether	ND		ug/kg	7.9	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-15	Date Collected:	05/25/16 14:00
Client ID:	SS105	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 02:50		
Analyst:	PK		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.61	1
Carbon tetrachloride	ND		ug/kg	1.7	0.35	1
1,2-Dichloropropane	ND		ug/kg	5.8	0.38	1
Dibromochloromethane	ND		ug/kg	1.7	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.50	1
Tetrachloroethene	ND		ug/kg	1.7	0.23	1
Chlorobenzene	ND		ug/kg	1.7	0.58	1
Trichlorofluoromethane	ND		ug/kg	8.3	0.64	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	0.18	1
Bromodichloromethane	ND		ug/kg	1.7	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	1.7	0.20	1
1,1-Dichloropropene	ND		ug/kg	8.3	0.23	1
Bromoform	ND		ug/kg	6.6	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	0.17	1
Benzene	ND		ug/kg	1.7	0.20	1
Toluene	ND		ug/kg	2.5	0.32	1
Ethylbenzene	ND		ug/kg	1.7	0.21	1
Chloromethane	ND		ug/kg	8.3	0.49	1
Bromomethane	ND		ug/kg	3.3	0.56	1
Vinyl chloride	ND		ug/kg	3.3	0.20	1
Chloroethane	ND		ug/kg	3.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.7	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.3	0.25	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-15 Date Collected: 05/25/16 14:00

Client ID: SS105 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.3	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.3	0.23	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.14	1
p/m-Xylene	ND		ug/kg	3.3	0.33	1
o-Xylene	ND		ug/kg	3.3	0.28	1
Xylenes, Total	ND		ug/kg	3.3	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	17	0.27	1
1,4-Dichlorobutane	ND		ug/kg	17	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	17	0.27	1
Styrene	ND		ug/kg	3.3	0.67	1
Dichlorodifluoromethane	ND		ug/kg	17	0.32	1
Acetone	9.0	J	ug/kg	60	1.7	1
Carbon disulfide	ND		ug/kg	17	1.8	1
2-Butanone	ND		ug/kg	17	0.45	1
Vinyl acetate	ND		ug/kg	17	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	17	0.40	1
2-Hexanone	ND		ug/kg	17	1.1	1
Ethyl methacrylate	ND		ug/kg	17	0.26	1
Acrylonitrile	ND		ug/kg	6.6	0.85	1
Bromochloromethane	ND		ug/kg	8.3	0.46	1
Tetrahydrofuran	ND		ug/kg	33	1.6	1
2,2-Dichloropropane	ND		ug/kg	8.3	0.38	1
1,2-Dibromoethane	ND		ug/kg	6.6	0.29	1
1,3-Dichloropropane	ND		ug/kg	8.3	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.7	0.53	1
Bromobenzene	ND		ug/kg	8.3	0.34	1
n-Butylbenzene	ND		ug/kg	1.7	0.19	1
sec-Butylbenzene	ND		ug/kg	1.7	0.20	1
tert-Butylbenzene	ND		ug/kg	8.3	0.22	1
o-Chlorotoluene	ND		ug/kg	8.3	0.26	1
p-Chlorotoluene	ND		ug/kg	8.3	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.3	0.66	1
Hexachlorobutadiene	ND		ug/kg	8.3	0.38	1
Isopropylbenzene	ND		ug/kg	1.7	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.21	1
Naphthalene	ND		ug/kg	8.3	0.23	1
n-Propylbenzene	ND		ug/kg	1.7	0.18	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-15 Date Collected: 05/25/16 14:00

Client ID: SS105 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.3	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.3	0.23	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.3	0.65	1
Ethyl ether	ND		ug/kg	8.3	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	98		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-16	Date Collected:	05/25/16 14:15
Client ID:	SS106	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 03:16		
Analyst:	PK		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	1.5	J	ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-16 Date Collected: 05/25/16 14:15

Client ID: SS106 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylenes, Total	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.19	1
1,4-Dichlorobutane	ND		ug/kg	12	0.15	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	8.6	J	ug/kg	42	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
Vinyl acetate	ND		ug/kg	12	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.77	1
Ethyl methacrylate	ND		ug/kg	12	0.18	1
Acrylonitrile	ND		ug/kg	4.6	0.60	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
Tetrahydrofuran	ND		ug/kg	23	1.2	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
o-Chlorotoluene	ND		ug/kg	5.8	0.18	1
p-Chlorotoluene	ND		ug/kg	5.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.26	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.8	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-16 Date Collected: 05/25/16 14:15

Client ID: SS106 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.46	1
Ethyl ether	ND		ug/kg	5.8	0.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	96		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-17	Date Collected:	05/25/16 16:00
Client ID:	SS107	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/03/16 03:42		
Analyst:	PK		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.61	1
Carbon tetrachloride	ND		ug/kg	1.6	0.34	1
1,2-Dichloropropane	ND		ug/kg	5.7	0.37	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.50	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.57	1
Trichlorofluoromethane	ND		ug/kg	8.2	0.64	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	8.2	0.23	1
Bromoform	ND		ug/kg	6.6	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.5	0.32	1
Ethylbenzene	ND		ug/kg	1.6	0.21	1
Chloromethane	ND		ug/kg	8.2	0.48	1
Bromomethane	ND		ug/kg	3.3	0.55	1
Vinyl chloride	ND		ug/kg	3.3	0.19	1
Chloroethane	ND		ug/kg	3.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	8.2	0.25	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-17 Date Collected: 05/25/16 16:00

Client ID: SS107 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.2	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.2	0.23	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.14	1
p/m-Xylene	ND		ug/kg	3.3	0.32	1
o-Xylene	ND		ug/kg	3.3	0.28	1
Xylenes, Total	ND		ug/kg	3.3	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.23	1
Dibromomethane	ND		ug/kg	16	0.27	1
1,4-Dichlorobutane	ND		ug/kg	16	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.27	1
Styrene	ND		ug/kg	3.3	0.66	1
Dichlorodifluoromethane	ND		ug/kg	16	0.31	1
Acetone	52	J	ug/kg	59	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.45	1
Vinyl acetate	ND		ug/kg	16	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
2-Hexanone	ND		ug/kg	16	1.1	1
Ethyl methacrylate	ND		ug/kg	16	0.25	1
Acrylonitrile	ND		ug/kg	6.6	0.84	1
Bromochloromethane	ND		ug/kg	8.2	0.45	1
Tetrahydrofuran	ND		ug/kg	33	1.6	1
2,2-Dichloropropane	ND		ug/kg	8.2	0.37	1
1,2-Dibromoethane	ND		ug/kg	6.6	0.29	1
1,3-Dichloropropane	ND		ug/kg	8.2	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.52	1
Bromobenzene	ND		ug/kg	8.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.19	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.2	0.22	1
o-Chlorotoluene	ND		ug/kg	8.2	0.26	1
p-Chlorotoluene	ND		ug/kg	8.2	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.2	0.65	1
Hexachlorobutadiene	ND		ug/kg	8.2	0.37	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	1.2	J	ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	8.2	0.23	1
n-Propylbenzene	ND		ug/kg	1.6	0.18	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-17 Date Collected: 05/25/16 16:00

Client ID: SS107 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	8.2	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.2	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.2	0.23	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.2	0.64	1
Ethyl ether	ND		ug/kg	8.2	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	97		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-18 D	Date Collected:	05/25/16 16:00
Client ID:	SS108	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/02/16 17:09		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	150	2
1,1-Dichloroethane	ND		ug/kg	200	12.	2
Chloroform	ND		ug/kg	200	50.	2
Carbon tetrachloride	ND		ug/kg	140	28.	2
1,2-Dichloropropane	ND		ug/kg	470	31.	2
Dibromochloromethane	ND		ug/kg	140	21.	2
1,1,2-Trichloroethane	ND		ug/kg	200	41.	2
Tetrachloroethene	ND		ug/kg	140	19.	2
Chlorobenzene	ND		ug/kg	140	47.	2
Trichlorofluoromethane	ND		ug/kg	680	52.	2
1,2-Dichloroethane	ND		ug/kg	140	15.	2
1,1,1-Trichloroethane	ND		ug/kg	140	15.	2
Bromodichloromethane	ND		ug/kg	140	23.	2
trans-1,3-Dichloropropene	ND		ug/kg	140	16.	2
cis-1,3-Dichloropropene	ND		ug/kg	140	16.	2
1,3-Dichloropropene, Total	ND		ug/kg	140	16.	2
1,1-Dichloropropene	ND		ug/kg	680	19.	2
Bromoform	ND		ug/kg	540	32.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	14.	2
Benzene	ND		ug/kg	140	16.	2
Toluene	ND		ug/kg	200	26.	2
Ethylbenzene	ND		ug/kg	140	17.	2
Chloromethane	ND		ug/kg	680	40.	2
Bromomethane	ND		ug/kg	270	46.	2
Vinyl chloride	ND		ug/kg	270	16.	2
Chloroethane	ND		ug/kg	270	43.	2
1,1-Dichloroethene	ND		ug/kg	140	35.	2
trans-1,2-Dichloroethene	ND		ug/kg	200	29.	2
Trichloroethene	ND		ug/kg	140	17.	2
1,2-Dichlorobenzene	ND		ug/kg	680	21.	2

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-18 D Date Collected: 05/25/16 16:00

Client ID: SS108 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	680	18.	2
1,4-Dichlorobenzene	ND		ug/kg	680	19.	2
Methyl tert butyl ether	ND		ug/kg	270	11.	2
p/m-Xylene	ND		ug/kg	270	27.	2
o-Xylene	ND		ug/kg	270	23.	2
Xylenes, Total	ND		ug/kg	270	23.	2
cis-1,2-Dichloroethene	ND		ug/kg	140	19.	2
1,2-Dichloroethene, Total	ND		ug/kg	140	19.	2
Dibromomethane	ND		ug/kg	1400	22.	2
1,4-Dichlorobutane	ND		ug/kg	1400	18.	2
1,2,3-Trichloropropane	ND		ug/kg	1400	22.	2
Styrene	ND		ug/kg	270	54.	2
Dichlorodifluoromethane	ND		ug/kg	1400	26.	2
Acetone	ND		ug/kg	4900	140	2
Carbon disulfide	ND		ug/kg	1400	150	2
2-Butanone	ND		ug/kg	1400	37.	2
Vinyl acetate	ND		ug/kg	1400	18.	2
4-Methyl-2-pentanone	ND		ug/kg	1400	33.	2
2-Hexanone	ND		ug/kg	1400	90.	2
Ethyl methacrylate	ND		ug/kg	1400	21.	2
Acrylonitrile	ND		ug/kg	540	69.	2
Bromochloromethane	ND		ug/kg	680	37.	2
Tetrahydrofuran	ND		ug/kg	2700	130	2
2,2-Dichloropropane	ND		ug/kg	680	30.	2
1,2-Dibromoethane	ND		ug/kg	540	24.	2
1,3-Dichloropropane	ND		ug/kg	680	20.	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	140	43.	2
Bromobenzene	ND		ug/kg	680	28.	2
n-Butylbenzene	ND		ug/kg	140	16.	2
sec-Butylbenzene	ND		ug/kg	140	16.	2
tert-Butylbenzene	ND		ug/kg	680	18.	2
o-Chlorotoluene	ND		ug/kg	680	22.	2
p-Chlorotoluene	ND		ug/kg	680	18.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	680	54.	2
Hexachlorobutadiene	ND		ug/kg	680	31.	2
Isopropylbenzene	ND		ug/kg	140	14.	2
p-Isopropyltoluene	ND		ug/kg	140	17.	2
Naphthalene	ND		ug/kg	680	19.	2
n-Propylbenzene	ND		ug/kg	140	15.	2

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-18 D Date Collected: 05/25/16 16:00

Client ID: SS108 Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	680	20.	2
1,2,4-Trichlorobenzene	ND		ug/kg	680	24.	2
1,3,5-Trimethylbenzene	ND		ug/kg	680	19.	2
1,2,4-Trimethylbenzene	ND		ug/kg	680	19.	2
trans-1,4-Dichloro-2-butene	ND		ug/kg	680	53.	2
Ethyl ether	ND		ug/kg	680	35.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-19	Date Collected:	05/25/16 16:00
Client ID:	SS-DUP	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/02/16 14:59		
Analyst:	BN		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.59	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.62	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.22	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.9	0.47	1
Bromomethane	ND		ug/kg	3.2	0.54	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.24	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-19 Date Collected: 05/25/16 16:00

Client ID: SS-DUP Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.13	1
p/m-Xylene	ND		ug/kg	3.2	0.31	1
o-Xylene	ND		ug/kg	3.2	0.27	1
Xylenes, Total	ND		ug/kg	3.2	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.23	1
Dibromomethane	ND		ug/kg	16	0.26	1
1,4-Dichlorobutane	ND		ug/kg	16	0.21	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.64	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	35	J	ug/kg	57	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	0.43	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
2-Hexanone	ND		ug/kg	16	1.0	1
Ethyl methacrylate	ND		ug/kg	16	0.24	1
Acrylonitrile	ND		ug/kg	6.3	0.81	1
Bromochloromethane	ND		ug/kg	7.9	0.44	1
Tetrahydrofuran	ND		ug/kg	32	1.6	1
2,2-Dichloropropane	ND		ug/kg	7.9	0.36	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.9	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.9	0.33	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.9	0.21	1
o-Chlorotoluene	ND		ug/kg	7.9	0.25	1
p-Chlorotoluene	ND		ug/kg	7.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.63	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.36	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	2.9		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.9	0.22	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-19 Date Collected: 05/25/16 16:00

Client ID: SS-DUP Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trimethylbenzene	1.3	J	ug/kg	7.9	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.62	1
Ethyl ether	ND		ug/kg	7.9	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-20	Date Collected:	05/25/16 00:00
Client ID:	TRIP BLANK	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/02/16 15:25		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.14	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.0	0.29	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-20 Date Collected: 05/25/16 00:00

Client ID: TRIP BLANK Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylenes, Total	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	10	0.16	1
1,4-Dichlorobutane	ND		ug/kg	10	0.13	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	ND		ug/kg	36	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.27	1
Vinyl acetate	ND		ug/kg	10	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
2-Hexanone	ND		ug/kg	10	0.67	1
Ethyl methacrylate	ND		ug/kg	10	0.15	1
Acrylonitrile	ND		ug/kg	4.0	0.51	1
Bromochloromethane	ND		ug/kg	5.0	0.28	1
Tetrahydrofuran	ND		ug/kg	20	1.0	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.17	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.0	0.11	1
sec-Butylbenzene	ND		ug/kg	1.0	0.12	1
tert-Butylbenzene	ND		ug/kg	5.0	0.14	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.23	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	5.0	0.14	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-20 Date Collected: 05/25/16 00:00

Client ID: TRIP BLANK Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39	1
Ethyl ether	ND		ug/kg	5.0	0.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-20	Date Collected:	05/25/16 00:00
Client ID:	TRIP BLANK	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	06/02/16 17:36		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	500	55.	1
1,1-Dichloroethane	ND		ug/kg	75	4.3	1
Chloroform	ND		ug/kg	75	18.	1
Carbon tetrachloride	ND		ug/kg	50	10.	1
1,2-Dichloropropane	ND		ug/kg	180	11.	1
Dibromochloromethane	ND		ug/kg	50	7.7	1
1,1,2-Trichloroethane	ND		ug/kg	75	15.	1
Tetrachloroethene	ND		ug/kg	50	7.0	1
Chlorobenzene	ND		ug/kg	50	17.	1
Trichlorofluoromethane	ND		ug/kg	250	19.	1
1,2-Dichloroethane	ND		ug/kg	50	5.7	1
1,1,1-Trichloroethane	ND		ug/kg	50	5.5	1
Bromodichloromethane	ND		ug/kg	50	8.7	1
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0	1
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12	1
1,1-Dichloropropene	ND		ug/kg	250	7.1	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0	1
Benzene	ND		ug/kg	50	5.9	1
Toluene	ND		ug/kg	75	9.7	1
Ethylbenzene	ND		ug/kg	50	6.4	1
Chloromethane	ND		ug/kg	250	15.	1
Bromomethane	ND		ug/kg	100	17.	1
Vinyl chloride	ND		ug/kg	100	5.9	1
Chloroethane	ND		ug/kg	100	16.	1
1,1-Dichloroethene	ND		ug/kg	50	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	11.	1
Trichloroethene	ND		ug/kg	50	6.2	1
1,2-Dichlorobenzene	ND		ug/kg	250	7.7	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-20 Date Collected: 05/25/16 00:00

Client ID: TRIP BLANK Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	250	6.8	1
1,4-Dichlorobenzene	ND		ug/kg	250	6.9	1
Methyl tert butyl ether	ND		ug/kg	100	4.2	1
p/m-Xylene	ND		ug/kg	100	9.9	1
o-Xylene	ND		ug/kg	100	8.6	1
Xylenes, Total	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	500	8.2	1
1,4-Dichlorobutane	ND		ug/kg	500	6.6	1
1,2,3-Trichloropropane	ND		ug/kg	500	8.1	1
Styrene	ND		ug/kg	100	20.	1
Dichlorodifluoromethane	ND		ug/kg	500	9.5	1
Acetone	ND		ug/kg	1800	52.	1
Carbon disulfide	ND		ug/kg	500	55.	1
2-Butanone	ND		ug/kg	500	14.	1
Vinyl acetate	ND		ug/kg	500	6.6	1
4-Methyl-2-pentanone	ND		ug/kg	500	12.	1
2-Hexanone	ND		ug/kg	500	33.	1
Ethyl methacrylate	ND		ug/kg	500	7.7	1
Acrylonitrile	ND		ug/kg	200	26.	1
Bromochloromethane	ND		ug/kg	250	14.	1
Tetrahydrofuran	ND		ug/kg	1000	50.	1
2,2-Dichloropropane	ND		ug/kg	250	11.	1
1,2-Dibromoethane	ND		ug/kg	200	8.7	1
1,3-Dichloropropane	ND		ug/kg	250	7.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.	1
Bromobenzene	ND		ug/kg	250	10.	1
n-Butylbenzene	ND		ug/kg	50	5.7	1
sec-Butylbenzene	ND		ug/kg	50	6.1	1
tert-Butylbenzene	ND		ug/kg	250	6.8	1
o-Chlorotoluene	ND		ug/kg	250	8.0	1
p-Chlorotoluene	ND		ug/kg	250	6.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.	1
Hexachlorobutadiene	ND		ug/kg	250	11.	1
Isopropylbenzene	ND		ug/kg	50	5.2	1
p-Isopropyltoluene	ND		ug/kg	50	6.2	1
Naphthalene	ND		ug/kg	250	6.9	1
n-Propylbenzene	ND		ug/kg	50	5.5	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-20 Date Collected: 05/25/16 00:00

Client ID: TRIP BLANK Date Received: 05/26/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.	1
Ethyl ether	ND		ug/kg	250	13.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 19-20 Batch: WG900216-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.23	J	ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.42	J	ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 19-20 Batch: WG900216-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
1,4-Dichlorobutane	ND		ug/kg	10	0.13
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	36	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Ethyl methacrylate	ND		ug/kg	10	0.15
Acrolein	ND		ug/kg	25	8.1
Acrylonitrile	ND		ug/kg	4.0	0.51
Bromochloromethane	ND		ug/kg	5.0	0.28
Tetrahydrofuran	ND		ug/kg	20	1.0
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 19-20 Batch: WG900216-3					
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
1,3,5-Trichlorobenzene	ND		ug/kg	4.0	0.23
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Ethyl ether	ND		ug/kg	5.0	0.26
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	7.8	J	ug/kg	20	0.92
Isopropyl Ether	ND		ug/kg	4.0	0.14
Cyclohexane	ND		ug/kg	20	0.15
Tert-Butyl Alcohol	ND		ug/kg	100	2.9
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10
1,4-Dioxane	ND		ug/kg	100	14.
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 19-20 Batch: WG900216-3					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 18,20 Batch: WG900217-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	11	J	ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	21	J	ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 18,20 Batch: WG900217-3					
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylenes, Total	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene, Total	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
1,4-Dichlorobutane	ND		ug/kg	500	6.6
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	1800	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Ethyl methacrylate	ND		ug/kg	500	7.7
Acrolein	ND		ug/kg	1200	400
Acrylonitrile	ND		ug/kg	200	26.
Bromochloromethane	ND		ug/kg	250	14.
Tetrahydrofuran	ND		ug/kg	1000	50.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 18,20 Batch: WG900217-3					
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
1,3,5-Trichlorobenzene	ND		ug/kg	200	12.
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Ethyl ether	ND		ug/kg	250	13.
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	390	J	ug/kg	1000	46.
Isopropyl Ether	ND		ug/kg	200	7.0
Cyclohexane	ND		ug/kg	1000	7.3
Tert-Butyl Alcohol	ND		ug/kg	5000	150
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8
1,4-Dioxane	ND		ug/kg	5000	720
Methyl cyclohexane	ND		ug/kg	200	7.7

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 08:54
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 18,20 Batch: WG900217-3					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
p-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 21:46
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-17 Batch: WG900305-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	0.61	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 21:46
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-17 Batch: WG900305-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
1,4-Dichlorobutane	ND		ug/kg	10	0.13
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	36	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Ethyl methacrylate	ND		ug/kg	10	0.15
Acrolein	ND		ug/kg	25	8.1
Acrylonitrile	ND		ug/kg	4.0	0.51
Bromochloromethane	ND		ug/kg	5.0	0.28
Tetrahydrofuran	ND		ug/kg	20	1.0
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 21:46
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-17 Batch: WG900305-3					
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
1,3,5-Trichlorobenzene	ND		ug/kg	4.0	0.23
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Ethyl ether	ND		ug/kg	5.0	0.26
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Isopropyl Ether	ND		ug/kg	4.0	0.14
Cyclohexane	ND		ug/kg	20	0.15
Tert-Butyl Alcohol	ND		ug/kg	100	2.9
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10
1,4-Dioxane	ND		ug/kg	100	14.
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/02/16 21:46
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-17 Batch: WG900305-3					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19-20 Batch: WG900216-1 WG900216-2								
Methylene chloride	110		110		70-130	0		30
1,1-Dichloroethane	113		113		70-130	0		30
Chloroform	117		116		70-130	1		30
Carbon tetrachloride	119		116		70-130	3		30
1,2-Dichloropropane	114		115		70-130	1		30
Dibromochloromethane	107		110		70-130	3		30
1,1,2-Trichloroethane	112		113		70-130	1		30
2-Chloroethylvinyl ether	101		110		70-130	9		30
Tetrachloroethene	114		111		70-130	3		30
Chlorobenzene	104		105		70-130	1		30
Trichlorofluoromethane	**149**	Q	**144**	Q	70-139	3		30
1,2-Dichloroethane	111		114		70-130	3		30
1,1,1-Trichloroethane	121		119		70-130	2		30
Bromodichloromethane	114		115		70-130	1		30
trans-1,3-Dichloropropene	107		110		70-130	3		30
cis-1,3-Dichloropropene	110		112		70-130	2		30
1,1-Dichloropropene	116		114		70-130	2		30
Bromoform	108		112		70-130	4		30
1,1,2,2-Tetrachloroethane	102		106		70-130	4		30
Benzene	110		109		70-130	1		30
Toluene	111		111		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19-20 Batch: WG900216-1 WG900216-2								
Ethylbenzene	114		113		70-130	1		30
Chloromethane	117		113		52-130	3		30
Bromomethane	135		130		57-147	4		30
Vinyl chloride	124		118		67-130	5		30
Chloroethane	140		137		50-151	2		30
1,1-Dichloroethene	114		112		65-135	2		30
trans-1,2-Dichloroethene	115		114		70-130	1		30
Trichloroethene	120		117		70-130	3		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	105		109		66-130	4		30
p/m-Xylene	109		107		70-130	2		30
o-Xylene	109		108		70-130	1		30
cis-1,2-Dichloroethene	115		115		70-130	0		30
Dibromomethane	116		120		70-130	3		30
1,4-Dichlorobutane	106		110		70-130	4		30
1,2,3-Trichloropropane	102		108		68-130	6		30
Styrene	112		112		70-130	0		30
Dichlorodifluoromethane	100		96		30-146	4		30
Acetone	138		135		54-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19-20 Batch: WG900216-1 WG900216-2								
Carbon disulfide	104		102		59-130	2		30
2-Butanone	119		117		70-130	2		30
Vinyl acetate	103		108		70-130	5		30
4-Methyl-2-pentanone	118		126		70-130	7		30
2-Hexanone	118		122		70-130	3		30
Ethyl methacrylate	104		108		70-130	4		30
Acrolein	120		128		70-130	6		30
Acrylonitrile	125		**136**	Q	70-130	8		30
Bromochloromethane	117		119		70-130	2		30
Tetrahydrofuran	118		112		66-130	5		30
2,2-Dichloropropane	113		111		70-130	2		30
1,2-Dibromoethane	110		114		70-130	4		30
1,3-Dichloropropane	108		111		69-130	3		30
1,1,1,2-Tetrachloroethane	112		111		70-130	1		30
Bromobenzene	107		107		70-130	0		30
n-Butylbenzene	112		110		70-130	2		30
sec-Butylbenzene	105		102		70-130	3		30
tert-Butylbenzene	104		101		70-130	3		30
1,3,5-Trichlorobenzene	124		122		70-139	2		30
o-Chlorotoluene	105		104		70-130	1		30
p-Chlorotoluene	105		104		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19-20 Batch: WG900216-1 WG900216-2								
1,2-Dibromo-3-chloropropane	99		103		68-130	4		30
Hexachlorobutadiene	116		113		67-130	3		30
Isopropylbenzene	112		110		70-130	2		30
p-Isopropyltoluene	103		101		70-130	2		30
Naphthalene	99		104		70-130	5		30
n-Propylbenzene	109		107		70-130	2		30
1,2,3-Trichlorobenzene	107		108		70-130	1		30
1,2,4-Trichlorobenzene	111		112		70-130	1		30
1,3,5-Trimethylbenzene	102		102		70-130	0		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
trans-1,4-Dichloro-2-butene	100		105		70-130	5		30
Ethyl ether	**133**	Q	**136**	Q	67-130	2		30
Methyl Acetate	118		124		65-130	5		30
Ethyl Acetate	**214**	Q	**221**	Q	70-130	3		30
Isopropyl Ether	115		115		66-130	0		30
Cyclohexane	118		115		70-130	3		30
Tert-Butyl Alcohol	101		108		70-130	7		30
Ethyl-Tert-Butyl-Ether	107		110		70-130	3		30
Tertiary-Amyl Methyl Ether	103		106		70-130	3		30
1,4-Dioxane	112		115		65-136	3		30
Methyl cyclohexane	110		107		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19-20 Batch: WG900216-1 WG900216-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		103		70-130	4		30
1,4-Diethylbenzene	118		115		70-130	3		30
4-Ethyltoluene	112		109		70-130	3		30
1,2,4,5-Tetramethylbenzene	112		110		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 18,20 Batch: WG900217-1 WG900217-2								
Methylene chloride	110		110		70-130	0		30
1,1-Dichloroethane	113		113		70-130	0		30
Chloroform	117		116		70-130	1		30
Carbon tetrachloride	119		116		70-130	3		30
1,2-Dichloropropane	114		115		70-130	1		30
Dibromochloromethane	107		110		70-130	3		30
1,1,2-Trichloroethane	112		113		70-130	1		30
2-Chloroethylvinyl ether	101		110		70-130	9		30
Tetrachloroethene	114		111		70-130	3		30
Chlorobenzene	104		105		70-130	1		30
Trichlorofluoromethane	**149**	Q	**144**	Q	70-139	3		30
1,2-Dichloroethane	111		114		70-130	3		30
1,1,1-Trichloroethane	121		119		70-130	2		30
Bromodichloromethane	114		115		70-130	1		30
trans-1,3-Dichloropropene	107		110		70-130	3		30
cis-1,3-Dichloropropene	110		112		70-130	2		30
1,1-Dichloropropene	116		114		70-130	2		30
Bromoform	108		112		70-130	4		30
1,1,2,2-Tetrachloroethane	102		106		70-130	4		30
Benzene	110		109		70-130	1		30
Toluene	111		111		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 18,20 Batch: WG900217-1 WG900217-2								
Ethylbenzene	114		113		70-130	1		30
Chloromethane	117		113		52-130	3		30
Bromomethane	135		130		57-147	4		30
Vinyl chloride	124		118		67-130	5		30
Chloroethane	140		137		50-151	2		30
1,1-Dichloroethene	114		112		65-135	2		30
trans-1,2-Dichloroethene	115		114		70-130	1		30
Trichloroethene	120		117		70-130	3		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	105		109		66-130	4		30
p/m-Xylene	109		107		70-130	2		30
o-Xylene	109		108		70-130	1		30
cis-1,2-Dichloroethene	115		115		70-130	0		30
Dibromomethane	116		120		70-130	3		30
1,4-Dichlorobutane	106		110		70-130	4		30
1,2,3-Trichloropropane	102		108		68-130	6		30
Styrene	112		112		70-130	0		30
Dichlorodifluoromethane	100		96		30-146	4		30
Acetone	138		135		54-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 18,20 Batch: WG900217-1 WG900217-2								
Carbon disulfide	104		102		59-130	2		30
2-Butanone	119		117		70-130	2		30
Vinyl acetate	103		108		70-130	5		30
4-Methyl-2-pentanone	118		126		70-130	7		30
2-Hexanone	118		122		70-130	3		30
Ethyl methacrylate	104		108		70-130	4		30
Acrolein	120		128		70-130	6		30
Acrylonitrile	125		**136**	Q	70-130	8		30
Bromochloromethane	117		119		70-130	2		30
Tetrahydrofuran	118		112		66-130	5		30
2,2-Dichloropropane	113		111		70-130	2		30
1,2-Dibromoethane	110		114		70-130	4		30
1,3-Dichloropropane	108		111		69-130	3		30
1,1,1,2-Tetrachloroethane	112		111		70-130	1		30
Bromobenzene	107		107		70-130	0		30
n-Butylbenzene	112		110		70-130	2		30
sec-Butylbenzene	105		102		70-130	3		30
tert-Butylbenzene	104		101		70-130	3		30
1,3,5-Trichlorobenzene	124		122		70-139	2		30
o-Chlorotoluene	105		104		70-130	1		30
p-Chlorotoluene	105		104		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 18,20 Batch: WG900217-1 WG900217-2								
1,2-Dibromo-3-chloropropane	99		103		68-130	4		30
Hexachlorobutadiene	116		113		67-130	3		30
Isopropylbenzene	112		110		70-130	2		30
p-Isopropyltoluene	103		101		70-130	2		30
Naphthalene	99		104		70-130	5		30
n-Propylbenzene	109		107		70-130	2		30
1,2,3-Trichlorobenzene	107		108		70-130	1		30
1,2,4-Trichlorobenzene	111		112		70-130	1		30
1,3,5-Trimethylbenzene	102		102		70-130	0		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
trans-1,4-Dichloro-2-butene	100		105		70-130	5		30
Ethyl ether	**133**	Q	**136**	Q	67-130	2		30
Methyl Acetate	118		124		65-130	5		30
Ethyl Acetate	**214**	Q	**221**	Q	70-130	3		30
Isopropyl Ether	115		115		66-130	0		30
Cyclohexane	118		115		70-130	3		30
Tert-Butyl Alcohol	101		108		70-130	7		30
Ethyl-Tert-Butyl-Ether	107		110		70-130	3		30
Tertiary-Amyl Methyl Ether	103		106		70-130	3		30
1,4-Dioxane	112		115		65-136	3		30
Methyl cyclohexane	110		107		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 18,20 Batch: WG900217-1 WG900217-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		103		70-130	4		30
p-Diethylbenzene	118		115		70-130	3		30
4-Ethyltoluene	112		109		70-130	3		30
1,2,4,5-Tetramethylbenzene	112		110		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-17 Batch: WG900305-1 WG900305-2								
Methylene chloride	103		105		70-130	2		30
1,1-Dichloroethane	97		100		70-130	3		30
Chloroform	98		101		70-130	3		30
Carbon tetrachloride	91		95		70-130	4		30
1,2-Dichloropropane	100		104		70-130	4		30
Dibromochloromethane	99		100		70-130	1		30
1,1,2-Trichloroethane	106		103		70-130	3		30
2-Chloroethylvinyl ether	103		105		70-130	2		30
Tetrachloroethene	100		104		70-130	4		30
Chlorobenzene	102		106		70-130	4		30
Trichlorofluoromethane	90		93		70-139	3		30
1,2-Dichloroethane	97		97		70-130	0		30
1,1,1-Trichloroethane	92		98		70-130	6		30
Bromodichloromethane	98		100		70-130	2		30
trans-1,3-Dichloropropene	100		102		70-130	2		30
cis-1,3-Dichloropropene	103		106		70-130	3		30
1,1-Dichloropropene	96		102		70-130	6		30
Bromoform	104		106		70-130	2		30
1,1,2,2-Tetrachloroethane	104		105		70-130	1		30
Benzene	101		105		70-130	4		30
Toluene	99		104		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-17 Batch: WG900305-1 WG900305-2								
Ethylbenzene	98		103		70-130	5		30
Chloromethane	77		77		52-130	0		30
Bromomethane	101		102		57-147	1		30
Vinyl chloride	88		91		67-130	3		30
Chloroethane	98		100		50-151	2		30
1,1-Dichloroethene	94		100		65-135	6		30
trans-1,2-Dichloroethene	100		102		70-130	2		30
Trichloroethene	98		102		70-130	4		30
1,2-Dichlorobenzene	103		107		70-130	4		30
1,3-Dichlorobenzene	101		106		70-130	5		30
1,4-Dichlorobenzene	98		104		70-130	6		30
Methyl tert butyl ether	102		100		66-130	2		30
p/m-Xylene	101		107		70-130	6		30
o-Xylene	102		107		70-130	5		30
cis-1,2-Dichloroethene	104		106		70-130	2		30
Dibromomethane	104		104		70-130	0		30
1,4-Dichlorobutane	94		94		70-130	0		30
1,2,3-Trichloropropane	102		100		68-130	2		30
Styrene	106		111		70-130	5		30
Dichlorodifluoromethane	62		65		30-146	5		30
Acetone	94		86		54-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-17 Batch: WG900305-1 WG900305-2								
Carbon disulfide	72		74		59-130	3		30
2-Butanone	92		94		70-130	2		30
Vinyl acetate	93		93		70-130	0		30
4-Methyl-2-pentanone	99		96		70-130	3		30
2-Hexanone	87		81		70-130	7		30
Ethyl methacrylate	101		100		70-130	1		30
Acrolein	121		107		70-130	12		30
Acrylonitrile	106		100		70-130	6		30
Bromochloromethane	109		110		70-130	1		30
Tetrahydrofuran	106		93		66-130	13		30
2,2-Dichloropropane	95		99		70-130	4		30
1,2-Dibromoethane	105		106		70-130	1		30
1,3-Dichloropropane	104		104		69-130	0		30
1,1,1,2-Tetrachloroethane	102		105		70-130	3		30
Bromobenzene	100		105		70-130	5		30
n-Butylbenzene	95		100		70-130	5		30
sec-Butylbenzene	96		103		70-130	7		30
tert-Butylbenzene	96		103		70-130	7		30
1,3,5-Trichlorobenzene	99		107		70-139	8		30
o-Chlorotoluene	96		101		70-130	5		30
p-Chlorotoluene	97		100		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-17 Batch: WG900305-1 WG900305-2								
1,2-Dibromo-3-chloropropane	106		101		68-130	5		30
Hexachlorobutadiene	98		105		67-130	7		30
Isopropylbenzene	99		107		70-130	8		30
p-Isopropyltoluene	98		105		70-130	7		30
Naphthalene	107		108		70-130	1		30
n-Propylbenzene	97		105		70-130	8		30
1,2,3-Trichlorobenzene	107		111		70-130	4		30
1,2,4-Trichlorobenzene	106		111		70-130	5		30
1,3,5-Trimethylbenzene	98		104		70-130	6		30
1,2,4-Trimethylbenzene	99		105		70-130	6		30
trans-1,4-Dichloro-2-butene	91		85		70-130	7		30
Ethyl ether	101		99		67-130	2		30
Methyl Acetate	87		84		65-130	4		30
Ethyl Acetate	104		93		70-130	11		30
Isopropyl Ether	86		87		66-130	1		30
Cyclohexane	84		90		70-130	7		30
Tert-Butyl Alcohol	104		95		70-130	9		30
Ethyl-Tert-Butyl-Ether	94		94		70-130	0		30
Tertiary-Amyl Methyl Ether	98		98		70-130	0		30
1,4-Dioxane	106		102		65-136	4		30
Methyl cyclohexane	89		96		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-17 Batch: WG900305-1 WG900305-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		93		70-130	6		30
1,4-Diethylbenzene	97		107		70-130	10		30
4-Ethyltoluene	94		101		70-130	7		30
1,2,4,5-Tetramethylbenzene	95		101		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		89		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	96		96		70-130

PETROLEUM HYDROCARBONS

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-01	Date Collected:	05/25/16 08:15
Client ID:	B101-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/04/16 00:36		
Analyst:	KD		
Percent Solids:	83%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Covering the Soil
Methanol ratio:	1:1.3

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	3.02	3.02	1
C9-C12 Aliphatics	ND		mg/kg	3.02	3.02	1
C9-C10 Aromatics	ND		mg/kg	3.02	3.02	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	3.02	3.02	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	3.02	3.02	1
Benzene	ND		mg/kg	0.121	0.121	1
Toluene	ND		mg/kg	0.121	0.121	1
Ethylbenzene	ND		mg/kg	0.121	0.121	1
p/m-Xylene	ND		mg/kg	0.121	0.121	1
o-Xylene	ND		mg/kg	0.121	0.121	1
Methyl tert butyl ether	ND		mg/kg	0.060	0.060	1
Naphthalene	ND		mg/kg	0.241	0.241	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	**134**	Q	70-130
2,5-Dibromotoluene-FID	119		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-01			Date Collected:	05/25/16 08:15
Client ID:	B101-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 00:35	M.S. Analytical Date:	06/01/16 15:56	Cleanup Method1:	EPH-04-1
Analyst:	EK	M.S. Analyst:	YW	Cleanup Date1:	05/31/16
Percent Solids:	83%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.98	7.98	1
C19-C36 Aliphatics	ND		mg/kg	7.98	7.98	1
C11-C22 Aromatics	ND		mg/kg	7.98	7.98	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.98	7.98	1
Naphthalene	0.025	J	mg/kg	0.032	0.008	1
2-Methylnaphthalene	0.013	J	mg/kg	0.032	0.004	1
Acenaphthylene	0.033		mg/kg	0.032	0.004	1
Acenaphthene	ND		mg/kg	0.032	0.003	1
Fluorene	ND		mg/kg	0.032	0.003	1
Phenanthrene	0.089		mg/kg	0.032	0.004	1
Anthracene	0.015	J	mg/kg	0.032	0.003	1
Fluoranthene	0.149		mg/kg	0.032	0.005	1
Pyrene	0.177		mg/kg	0.032	0.005	1
Benzo(a)anthracene	0.075		mg/kg	0.032	0.003	1
Chrysene	0.105		mg/kg	0.032	0.011	1
Benzo(b)fluoranthene	0.112		mg/kg	0.032	0.010	1
Benzo(k)fluoranthene	0.037		mg/kg	0.032	0.012	1
Benzo(a)pyrene	0.091		mg/kg	0.032	0.002	1
Indeno(1,2,3-cd)Pyrene	0.064		mg/kg	0.032	0.010	1
Dibenzo(a,h)anthracene	0.015	J	mg/kg	0.032	0.010	1
Benzo(ghi)perylene	0.072		mg/kg	0.032	0.012	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-01	Date Collected:	05/25/16 08:15
Client ID:	B101-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	53		40-140
2-Fluorobiphenyl	63		40-140
2-Bromonaphthalene	63		40-140
O-Terphenyl-MS	46		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-02	Date Collected:	05/25/16 09:15
Client ID:	B102-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/04/16 01:16		
Analyst:	KD		
Percent Solids:	91%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Covering the Soil
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	2.86	2.86	1
C9-C12 Aliphatics	ND		mg/kg	2.86	2.86	1
C9-C10 Aromatics	ND		mg/kg	2.86	2.86	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.86	2.86	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.86	2.86	1
Benzene	ND		mg/kg	0.114	0.114	1
Toluene	ND		mg/kg	0.114	0.114	1
Ethylbenzene	ND		mg/kg	0.114	0.114	1
p/m-Xylene	ND		mg/kg	0.114	0.114	1
o-Xylene	ND		mg/kg	0.114	0.114	1
Methyl tert butyl ether	ND		mg/kg	0.057	0.057	1
Naphthalene	ND		mg/kg	0.229	0.229	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	100		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-02			Date Collected:	05/25/16 09:15
Client ID:	B102-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 01:22	M.S. Analytical Date:	06/01/16 16:26	Cleanup Method1:	EPH-04-1
Analyst:	EK	M.S. Analyst:	YW	Cleanup Date1:	05/31/16
Percent Solids:	91%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.27	7.27	1
C19-C36 Aliphatics	ND		mg/kg	7.27	7.27	1
C11-C22 Aromatics	ND		mg/kg	7.27	7.27	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.27	7.27	1
Naphthalene	ND		mg/kg	0.029	0.007	1
2-Methylnaphthalene	ND		mg/kg	0.029	0.004	1
Acenaphthylene	0.013	J	mg/kg	0.029	0.004	1
Acenaphthene	ND		mg/kg	0.029	0.002	1
Fluorene	ND		mg/kg	0.029	0.003	1
Phenanthrene	0.072		mg/kg	0.029	0.003	1
Anthracene	0.009	J	mg/kg	0.029	0.002	1
Fluoranthene	0.077		mg/kg	0.029	0.004	1
Pyrene	0.095		mg/kg	0.029	0.004	1
Benzo(a)anthracene	0.039		mg/kg	0.029	0.003	1
Chrysene	0.048		mg/kg	0.029	0.010	1
Benzo(b)fluoranthene	0.047		mg/kg	0.029	0.009	1
Benzo(k)fluoranthene	0.015	J	mg/kg	0.029	0.011	1
Benzo(a)pyrene	0.039		mg/kg	0.029	0.002	1
Indeno(1,2,3-cd)Pyrene	0.024	J	mg/kg	0.029	0.009	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.029	0.009	1
Benzo(ghi)perylene	0.027	J	mg/kg	0.029	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-02	Date Collected:	05/25/16 09:15
Client ID:	B102-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	74		40-140
o-Terphenyl	49		40-140
2-Fluorobiphenyl	55		40-140
2-Bromonaphthalene	56		40-140
O-Terphenyl-MS	42		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-03	Date Collected:	05/25/16 08:30
Client ID:	B103-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/04/16 01:57		
Analyst:	KD		
Percent Solids:	85%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Covering the Soil
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	3.25	3.25	1
C9-C12 Aliphatics	ND		mg/kg	3.25	3.25	1
C9-C10 Aromatics	ND		mg/kg	3.25	3.25	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	3.25	3.25	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	3.25	3.25	1
Benzene	ND		mg/kg	0.130	0.130	1
Toluene	ND		mg/kg	0.130	0.130	1
Ethylbenzene	ND		mg/kg	0.130	0.130	1
p/m-Xylene	ND		mg/kg	0.130	0.130	1
o-Xylene	ND		mg/kg	0.130	0.130	1
Methyl tert butyl ether	ND		mg/kg	0.065	0.065	1
Naphthalene	ND		mg/kg	0.260	0.260	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	98		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-03			Date Collected:	05/25/16 08:30
Client ID:	B103-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 02:09	M.S. Analytical Date:	06/01/16 16:56	Cleanup Method1:	EPH-04-1
Analyst:	EK	M.S. Analyst:	YW	Cleanup Date1:	05/31/16
Percent Solids:	85%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.71	7.71	1
C19-C36 Aliphatics	ND		mg/kg	7.71	7.71	1
C11-C22 Aromatics	11.0		mg/kg	7.71	7.71	1
C11-C22 Aromatics, Adjusted	11.0		mg/kg	7.71	7.71	1
Naphthalene	ND		mg/kg	0.031	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.031	0.004	1
Acenaphthylene	ND		mg/kg	0.031	0.004	1
Acenaphthene	ND		mg/kg	0.031	0.003	1
Fluorene	ND		mg/kg	0.031	0.003	1
Phenanthrene	ND		mg/kg	0.031	0.004	1
Anthracene	ND		mg/kg	0.031	0.003	1
Fluoranthene	ND		mg/kg	0.031	0.005	1
Pyrene	ND		mg/kg	0.031	0.004	1
Benzo(a)anthracene	ND		mg/kg	0.031	0.003	1
Chrysene	ND		mg/kg	0.031	0.011	1
Benzo(b)fluoranthene	ND		mg/kg	0.031	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.031	0.012	1
Benzo(a)pyrene	ND		mg/kg	0.031	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.031	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.031	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-03	Date Collected:	05/25/16 08:30
Client ID:	B103-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	67		40-140
o-Terphenyl	48		40-140
2-Fluorobiphenyl	50		40-140
2-Bromonaphthalene	51		40-140
O-Terphenyl-MS	45		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-04	Date Collected:	05/25/16 09:45
Client ID:	B104-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/04/16 02:37		
Analyst:	KD		
Percent Solids:	84%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Covering the Soil
Methanol ratio:	1:1.4

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	2.67	2.67	1
C9-C12 Aliphatics	ND		mg/kg	2.67	2.67	1
C9-C10 Aromatics	ND		mg/kg	2.67	2.67	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67	1
Benzene	ND		mg/kg	0.107	0.107	1
Toluene	ND		mg/kg	0.107	0.107	1
Ethylbenzene	ND		mg/kg	0.107	0.107	1
p/m-Xylene	ND		mg/kg	0.107	0.107	1
o-Xylene	ND		mg/kg	0.107	0.107	1
Methyl tert butyl ether	ND		mg/kg	0.053	0.053	1
Naphthalene	ND		mg/kg	0.214	0.214	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	**134**	Q	70-130
2,5-Dibromotoluene-FID	118		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-04			Date Collected:	05/25/16 09:45
Client ID:	B104-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 02:55	M.S. Analytical Date:	06/01/16 17:27	Cleanup Method1:	EPH-04-1
Analyst:	EK	M.S. Analyst:	YW	Cleanup Date1:	05/31/16
Percent Solids:	84%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.72	7.72	1
C19-C36 Aliphatics	ND		mg/kg	7.72	7.72	1
C11-C22 Aromatics	ND		mg/kg	7.72	7.72	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.72	7.72	1
Naphthalene	ND		mg/kg	0.031	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.031	0.004	1
Acenaphthylene	ND		mg/kg	0.031	0.004	1
Acenaphthene	ND		mg/kg	0.031	0.003	1
Fluorene	ND		mg/kg	0.031	0.003	1
Phenanthrene	ND		mg/kg	0.031	0.004	1
Anthracene	ND		mg/kg	0.031	0.003	1
Fluoranthene	ND		mg/kg	0.031	0.005	1
Pyrene	ND		mg/kg	0.031	0.004	1
Benzo(a)anthracene	ND		mg/kg	0.031	0.003	1
Chrysene	ND		mg/kg	0.031	0.011	1
Benzo(b)fluoranthene	ND		mg/kg	0.031	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.031	0.012	1
Benzo(a)pyrene	ND		mg/kg	0.031	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.031	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.031	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-04	Date Collected:	05/25/16 09:45
Client ID:	B104-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	52		40-140
2-Fluorobiphenyl	60		40-140
2-Bromonaphthalene	60		40-140
O-Terphenyl-MS	46		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-05	Date Collected:	05/25/16 10:30
Client ID:	B106-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/04/16 03:18		
Analyst:	KD		
Percent Solids:	82%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Covering the Soil
Methanol ratio:	1.4:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	5.02	5.02	1
C9-C12 Aliphatics	ND		mg/kg	5.02	5.02	1
C9-C10 Aromatics	ND		mg/kg	5.02	5.02	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.02	5.02	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.02	5.02	1
Benzene	ND		mg/kg	0.201	0.201	1
Toluene	ND		mg/kg	0.201	0.201	1
Ethylbenzene	ND		mg/kg	0.201	0.201	1
p/m-Xylene	ND		mg/kg	0.201	0.201	1
o-Xylene	ND		mg/kg	0.201	0.201	1
Methyl tert butyl ether	ND		mg/kg	0.100	0.100	1
Naphthalene	ND		mg/kg	0.402	0.402	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	107		70-130
2,5-Dibromotoluene-FID	94		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-05			Date Collected:	05/25/16 10:30
Client ID:	B106-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 03:41	M.S. Analytical Date:	06/01/16 17:57	Cleanup Method1:	EPH-04-1
Analyst:	EK	M.S. Analyst:	YW	Cleanup Date1:	05/31/16
Percent Solids:	82%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.05	8.05	1
C19-C36 Aliphatics	ND		mg/kg	8.05	8.05	1
C11-C22 Aromatics	ND		mg/kg	8.05	8.05	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	8.05	8.05	1
Naphthalene	ND		mg/kg	0.032	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.032	0.004	1
Acenaphthylene	ND		mg/kg	0.032	0.004	1
Acenaphthene	ND		mg/kg	0.032	0.003	1
Fluorene	ND		mg/kg	0.032	0.003	1
Phenanthrene	0.014	J	mg/kg	0.032	0.004	1
Anthracene	ND		mg/kg	0.032	0.003	1
Fluoranthene	0.024	J	mg/kg	0.032	0.005	1
Pyrene	0.023	J	mg/kg	0.032	0.005	1
Benzo(a)anthracene	0.012	J	mg/kg	0.032	0.003	1
Chrysene	0.015	J	mg/kg	0.032	0.011	1
Benzo(b)fluoranthene	0.015	J	mg/kg	0.032	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.032	0.012	1
Benzo(a)pyrene	0.012	J	mg/kg	0.032	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.032	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.032	0.010	1
Benzo(ghi)perylene	ND		mg/kg	0.032	0.012	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-05	Date Collected:	05/25/16 10:30
Client ID:	B106-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	80		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	59		40-140
2-Bromonaphthalene	61		40-140
O-Terphenyl-MS	50		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-06	Date Collected:	05/25/16 11:30
Client ID:	B105-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/04/16 03:59		
Analyst:	KD		
Percent Solids:	85%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Covering the Soil
Methanol ratio:	1:1.3

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	2.84	2.84	1
C9-C12 Aliphatics	ND		mg/kg	2.84	2.84	1
C9-C10 Aromatics	ND		mg/kg	2.84	2.84	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.84	2.84	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.84	2.84	1
Benzene	ND		mg/kg	0.113	0.113	1
Toluene	ND		mg/kg	0.113	0.113	1
Ethylbenzene	ND		mg/kg	0.113	0.113	1
p/m-Xylene	ND		mg/kg	0.113	0.113	1
o-Xylene	ND		mg/kg	0.113	0.113	1
Methyl tert butyl ether	ND		mg/kg	0.057	0.057	1
Naphthalene	ND		mg/kg	0.227	0.227	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	118		70-130
2,5-Dibromotoluene-FID	104		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-06			Date Collected:	05/25/16 11:30
Client ID:	B105-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 04:03	M.S. Analytical Date:	06/01/16 20:55	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	YW	Cleanup Date1:	05/31/16
Percent Solids:	85%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.64	7.64	1
C19-C36 Aliphatics	ND		mg/kg	7.64	7.64	1
C11-C22 Aromatics	ND		mg/kg	7.64	7.64	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.64	7.64	1
Naphthalene	0.013	J	mg/kg	0.031	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.031	0.004	1
Acenaphthylene	0.012	J	mg/kg	0.031	0.004	1
Acenaphthene	ND		mg/kg	0.031	0.003	1
Fluorene	ND		mg/kg	0.031	0.003	1
Phenanthrene	0.041		mg/kg	0.031	0.004	1
Anthracene	0.009	J	mg/kg	0.031	0.003	1
Fluoranthene	0.079		mg/kg	0.031	0.004	1
Pyrene	0.082		mg/kg	0.031	0.004	1
Benzo(a)anthracene	0.042		mg/kg	0.031	0.003	1
Chrysene	0.050		mg/kg	0.031	0.011	1
Benzo(b)fluoranthene	0.048		mg/kg	0.031	0.010	1
Benzo(k)fluoranthene	0.016	J	mg/kg	0.031	0.012	1
Benzo(a)pyrene	0.037		mg/kg	0.031	0.002	1
Indeno(1,2,3-cd)Pyrene	0.024	J	mg/kg	0.031	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	0.009	1
Benzo(ghi)perylene	0.027	J	mg/kg	0.031	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-06	Date Collected:	05/25/16 11:30
Client ID:	B105-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	52		40-140
o-Terphenyl	66		40-140
2-Fluorobiphenyl	74		40-140
2-Bromonaphthalene	76		40-140
O-Terphenyl-MS	66		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-07	Date Collected:	05/25/16 12:30
Client ID:	B110-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 18:52		
Analyst:	JM		
Percent Solids:	97%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	2.33	2.33	1
C9-C12 Aliphatics	ND		mg/kg	2.33	2.33	1
C9-C10 Aromatics	ND		mg/kg	2.33	2.33	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.33	2.33	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.33	2.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	**145**	Q	70-130
2,5-Dibromotoluene-FID	116		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-07			Date Collected:	05/25/16 12:30
Client ID:	B110-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 04:49	M.S. Analytical Date:	06/03/16 18:52	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/01/16
Percent Solids:	97%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	6.52	6.52	1
C19-C36 Aliphatics	20.5		mg/kg	6.52	6.52	1
C11-C22 Aromatics	21.3		mg/kg	6.52	6.52	1
C11-C22 Aromatics, Adjusted	20.2		mg/kg	6.52	6.52	1
Naphthalene	0.025	J	mg/kg	0.026	0.006	1
2-Methylnaphthalene	0.016	J	mg/kg	0.026	0.003	1
Acenaphthylene	0.052		mg/kg	0.026	0.003	1
Acenaphthene	ND		mg/kg	0.026	0.002	1
Fluorene	0.010	J	mg/kg	0.026	0.002	1
Phenanthrene	0.068		mg/kg	0.026	0.003	1
Anthracene	0.028		mg/kg	0.026	0.002	1
Fluoranthene	0.132		mg/kg	0.026	0.004	1
Pyrene	0.159		mg/kg	0.026	0.004	1
Benzo(a)anthracene	0.083		mg/kg	0.026	0.002	1
Chrysene	0.100		mg/kg	0.026	0.009	1
Benzo(b)fluoranthene	0.133		mg/kg	0.026	0.008	1
Benzo(k)fluoranthene	0.035		mg/kg	0.026	0.010	1
Benzo(a)pyrene	0.115		mg/kg	0.026	0.002	1
Indeno(1,2,3-cd)Pyrene	0.078		mg/kg	0.026	0.008	1
Dibenzo(a,h)anthracene	0.026	J	mg/kg	0.026	0.008	1
Benzo(ghi)perylene	0.110		mg/kg	0.026	0.009	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-07	Date Collected:	05/25/16 12:30
Client ID:	B110-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	59		40-140
o-Terphenyl	83		40-140
2-Fluorobiphenyl	87		40-140
2-Bromonaphthalene	92		40-140
O-Terphenyl-MS	77		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-08	Date Collected:	05/25/16 13:20
Client ID:	B107-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 19:33		
Analyst:	JM		
Percent Solids:	78%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	3.98	3.98	1
C9-C12 Aliphatics	ND		mg/kg	3.98	3.98	1
C9-C10 Aromatics	ND		mg/kg	3.98	3.98	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	3.98	3.98	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	3.98	3.98	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	**202**	Q	70-130
2,5-Dibromotoluene-FID	**157**	Q	70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-08			Date Collected:	05/25/16 13:20
Client ID:	B107-S1-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 05:34	M.S. Analytical Date:	06/01/16 19:57	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	78%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.07	8.07	1
C19-C36 Aliphatics	ND		mg/kg	8.07	8.07	1
C11-C22 Aromatics	8.18		mg/kg	8.07	8.07	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	8.07	8.07	1
Naphthalene	0.046		mg/kg	0.032	0.008	1
2-Methylnaphthalene	0.020	J	mg/kg	0.032	0.004	1
Acenaphthylene	0.037		mg/kg	0.032	0.004	1
Acenaphthene	ND		mg/kg	0.032	0.003	1
Fluorene	ND		mg/kg	0.032	0.003	1
Phenanthrene	0.057		mg/kg	0.032	0.004	1
Anthracene	0.019	J	mg/kg	0.032	0.003	1
Fluoranthene	0.101		mg/kg	0.032	0.005	1
Pyrene	0.148		mg/kg	0.032	0.005	1
Benzo(a)anthracene	0.074		mg/kg	0.032	0.003	1
Chrysene	0.10		mg/kg	0.032	0.011	1
Benzo(b)fluoranthene	0.094		mg/kg	0.032	0.010	1
Benzo(k)fluoranthene	0.036		mg/kg	0.032	0.012	1
Benzo(a)pyrene	0.088		mg/kg	0.032	0.002	1
Indeno(1,2,3-cd)Pyrene	0.045		mg/kg	0.032	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.032	0.010	1
Benzo(ghi)perylene	0.057		mg/kg	0.032	0.012	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-08	Date Collected:	05/25/16 13:20
Client ID:	B107-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	50		40-140
o-Terphenyl	74		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	86		40-140
O-Terphenyl-MS	65		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-09	Date Collected:	05/25/16 15:00
Client ID:	B111-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 20:14		
Analyst:	JM		
Percent Solids:	90%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1.5

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	2.30	2.30	1
C9-C12 Aliphatics	ND		mg/kg	2.30	2.30	1
C9-C10 Aromatics	ND		mg/kg	2.30	2.30	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.30	2.30	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.30	2.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	**155**	Q	70-130
2,5-Dibromotoluene-FID	123		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-09			Date Collected:	05/25/16 15:00
Client ID:	B111-S3-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 06:19	M.S. Analytical Date:	06/01/16 20:22	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	90%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.34	7.34	1
C19-C36 Aliphatics	7.35		mg/kg	7.34	7.34	1
C11-C22 Aromatics	9.32		mg/kg	7.34	7.34	1
C11-C22 Aromatics, Adjusted	7.89		mg/kg	7.34	7.34	1
Naphthalene	0.041		mg/kg	0.029	0.007	1
2-Methylnaphthalene	0.021	J	mg/kg	0.029	0.004	1
Acenaphthylene	0.034		mg/kg	0.029	0.004	1
Acenaphthene	0.014	J	mg/kg	0.029	0.002	1
Fluorene	0.021	J	mg/kg	0.029	0.003	1
Phenanthrene	0.144		mg/kg	0.029	0.003	1
Anthracene	0.043		mg/kg	0.029	0.003	1
Fluoranthene	0.228		mg/kg	0.029	0.004	1
Pyrene	0.247		mg/kg	0.029	0.004	1
Benzo(a)anthracene	0.114		mg/kg	0.029	0.003	1
Chrysene	0.135		mg/kg	0.029	0.010	1
Benzo(b)fluoranthene	0.141		mg/kg	0.029	0.009	1
Benzo(k)fluoranthene	0.049		mg/kg	0.029	0.011	1
Benzo(a)pyrene	0.123		mg/kg	0.029	0.002	1
Indeno(1,2,3-cd)Pyrene	0.056		mg/kg	0.029	0.009	1
Dibenzo(a,h)anthracene	0.017	J	mg/kg	0.029	0.009	1
Benzo(ghi)perylene	0.068		mg/kg	0.029	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-09	Date Collected:	05/25/16 15:00
Client ID:	B111-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	66		40-140
o-Terphenyl	87		40-140
2-Fluorobiphenyl	90		40-140
2-Bromonaphthalene	97		40-140
O-Terphenyl-MS	73		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-10	Date Collected:	05/25/16 15:30
Client ID:	B112-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 20:54		
Analyst:	JM		
Percent Solids:	90%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	3.76	3.76	1
C9-C12 Aliphatics	ND		mg/kg	3.76	3.76	1
C9-C10 Aromatics	ND		mg/kg	3.76	3.76	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	3.76	3.76	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	3.76	3.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	**143**	Q	70-130
2,5-Dibromotoluene-FID	114		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-10			Date Collected:	05/25/16 15:30
Client ID:	B112-S3-052516			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 07:04	M.S. Analytical Date:	06/01/16 23:18	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	90%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.37	7.37	1
C19-C36 Aliphatics	15.0		mg/kg	7.37	7.37	1
C11-C22 Aromatics	32.4		mg/kg	7.37	7.37	1
C11-C22 Aromatics, Adjusted	23.8		mg/kg	7.37	7.37	1
Naphthalene	0.132		mg/kg	0.030	0.007	1
2-Methylnaphthalene	0.075		mg/kg	0.030	0.004	1
Acenaphthylene	0.103		mg/kg	0.030	0.004	1
Acenaphthene	0.090		mg/kg	0.030	0.002	1
Fluorene	0.204		mg/kg	0.030	0.003	1
Phenanthrene	1.32		mg/kg	0.030	0.003	1
Anthracene	0.298		mg/kg	0.030	0.003	1
Fluoranthene	1.47		mg/kg	0.030	0.004	1
Pyrene	1.19		mg/kg	0.030	0.004	1
Benzo(a)anthracene	0.590		mg/kg	0.030	0.003	1
Chrysene	0.618		mg/kg	0.030	0.010	1
Benzo(b)fluoranthene	0.714		mg/kg	0.030	0.009	1
Benzo(k)fluoranthene	0.724		mg/kg	0.030	0.011	1
Benzo(a)pyrene	0.584		mg/kg	0.030	0.002	1
Indeno(1,2,3-cd)Pyrene	0.057		mg/kg	0.030	0.009	1
Dibenzo(a,h)anthracene	0.089		mg/kg	0.030	0.009	1
Benzo(ghi)perylene	0.316		mg/kg	0.030	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-10	Date Collected:	05/25/16 15:30
Client ID:	B112-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	88		40-140
2-Fluorobiphenyl	83		40-140
2-Bromonaphthalene	91		40-140
O-Terphenyl-MS	64		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-11	Date Collected:	05/25/16 15:20
Client ID:	SS101	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 21:35		
Analyst:	JM		
Percent Solids:	86%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	2.2:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	7.40	7.40	1
C9-C12 Aliphatics	ND		mg/kg	7.40	7.40	1
C9-C10 Aromatics	ND		mg/kg	7.40	7.40	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.40	7.40	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.40	7.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	124		70-130
2,5-Dibromotoluene-FID	97		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-11			Date Collected:	05/25/16 15:20
Client ID:	SS101			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 07:50	M.S. Analytical Date:	06/01/16 20:47	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	86%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.44	7.44	1
C19-C36 Aliphatics	ND		mg/kg	7.44	7.44	1
C11-C22 Aromatics	ND		mg/kg	7.44	7.44	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.44	7.44	1
Naphthalene	ND		mg/kg	0.030	0.007	1
2-Methylnaphthalene	ND		mg/kg	0.030	0.004	1
Acenaphthylene	ND		mg/kg	0.030	0.004	1
Acenaphthene	ND		mg/kg	0.030	0.002	1
Fluorene	ND		mg/kg	0.030	0.003	1
Phenanthrene	ND		mg/kg	0.030	0.003	1
Anthracene	ND		mg/kg	0.030	0.003	1
Fluoranthene	0.011	J	mg/kg	0.030	0.004	1
Pyrene	0.011	J	mg/kg	0.030	0.004	1
Benzo(a)anthracene	ND		mg/kg	0.030	0.003	1
Chrysene	ND		mg/kg	0.030	0.011	1
Benzo(b)fluoranthene	ND		mg/kg	0.030	0.009	1
Benzo(k)fluoranthene	ND		mg/kg	0.030	0.011	1
Benzo(a)pyrene	ND		mg/kg	0.030	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.030	0.009	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.030	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.030	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-11	Date Collected:	05/25/16 15:20
Client ID:	SS101	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	57		40-140
o-Terphenyl	71		40-140
2-Fluorobiphenyl	87		40-140
2-Bromonaphthalene	87		40-140
O-Terphenyl-MS	71		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-12	Date Collected:	05/25/16 15:00
Client ID:	SS102	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 22:15		
Analyst:	JM		
Percent Solids:	92%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1.7:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	5.25	5.25	1
C9-C12 Aliphatics	ND		mg/kg	5.25	5.25	1
C9-C10 Aromatics	ND		mg/kg	5.25	5.25	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.25	5.25	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.25	5.25	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	127		70-130
2,5-Dibromotoluene-FID	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-12			Date Collected:	05/25/16 15:00
Client ID:	SS102			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:20
Analytical Date:	06/02/16 08:36	M.S. Analytical Date:	06/01/16 21:12	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	92%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.06	7.06	1
C19-C36 Aliphatics	ND		mg/kg	7.06	7.06	1
C11-C22 Aromatics	ND		mg/kg	7.06	7.06	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.06	7.06	1
Naphthalene	ND		mg/kg	0.028	0.007	1
2-Methylnaphthalene	ND		mg/kg	0.028	0.004	1
Acenaphthylene	ND		mg/kg	0.028	0.003	1
Acenaphthene	ND		mg/kg	0.028	0.002	1
Fluorene	ND		mg/kg	0.028	0.003	1
Phenanthrene	0.009	J	mg/kg	0.028	0.003	1
Anthracene	ND		mg/kg	0.028	0.002	1
Fluoranthene	0.017	J	mg/kg	0.028	0.004	1
Pyrene	0.017	J	mg/kg	0.028	0.004	1
Benzo(a)anthracene	0.009	J	mg/kg	0.028	0.003	1
Chrysene	0.012	J	mg/kg	0.028	0.010	1
Benzo(b)fluoranthene	0.013	J	mg/kg	0.028	0.009	1
Benzo(k)fluoranthene	ND		mg/kg	0.028	0.011	1
Benzo(a)pyrene	0.009	J	mg/kg	0.028	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.028	0.009	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.028	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.028	0.010	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-12	Date Collected:	05/25/16 15:00
Client ID:	SS102	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	54		40-140
o-Terphenyl	85		40-140
2-Fluorobiphenyl	96		40-140
2-Bromonaphthalene	97		40-140
O-Terphenyl-MS	78		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-13	Date Collected:	05/25/16 15:30
Client ID:	SS103	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 22:55		
Analyst:	JM		
Percent Solids:	86%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	2.6:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	8.45	8.45	1
C9-C12 Aliphatics	ND		mg/kg	8.45	8.45	1
C9-C10 Aromatics	ND		mg/kg	8.45	8.45	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	8.45	8.45	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	8.45	8.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	128		70-130
2,5-Dibromotoluene-FID	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-13			Date Collected:	05/25/16 15:30
Client ID:	SS103			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/02/16 09:21	M.S. Analytical Date:	06/01/16 21:37	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	86%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.74	7.74	1
C19-C36 Aliphatics	ND		mg/kg	7.74	7.74	1
C11-C22 Aromatics	ND		mg/kg	7.74	7.74	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.74	7.74	1
Naphthalene	0.008	J	mg/kg	0.031	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.031	0.004	1
Acenaphthylene	ND		mg/kg	0.031	0.004	1
Acenaphthene	ND		mg/kg	0.031	0.003	1
Fluorene	ND		mg/kg	0.031	0.003	1
Phenanthrene	0.022	J	mg/kg	0.031	0.004	1
Anthracene	ND		mg/kg	0.031	0.003	1
Fluoranthene	0.034		mg/kg	0.031	0.005	1
Pyrene	0.035		mg/kg	0.031	0.004	1
Benzo(a)anthracene	0.016	J	mg/kg	0.031	0.003	1
Chrysene	0.021	J	mg/kg	0.031	0.011	1
Benzo(b)fluoranthene	0.019	J	mg/kg	0.031	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.031	0.012	1
Benzo(a)pyrene	0.015	J	mg/kg	0.031	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.031	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.031	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-13	Date Collected:	05/25/16 15:30
Client ID:	SS103	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	59		40-140
o-Terphenyl	63		40-140
2-Fluorobiphenyl	69		40-140
2-Bromonaphthalene	74		40-140
O-Terphenyl-MS	68		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-14	Date Collected:	05/25/16 15:45
Client ID:	SS104	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/01/16 21:10		
Analyst:	JM		
Percent Solids:	75%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1.9:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	7.75	7.75	1
C9-C12 Aliphatics	ND		mg/kg	7.75	7.75	1
C9-C10 Aromatics	ND		mg/kg	7.75	7.75	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.75	7.75	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.75	7.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	80		70-130
2,5-Dibromotoluene-FID	104		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-14			Date Collected:	05/25/16 15:45
Client ID:	SS104			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/02/16 10:06	M.S. Analytical Date:	06/01/16 22:02	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	75%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.66	8.66	1
C19-C36 Aliphatics	ND		mg/kg	8.66	8.66	1
C11-C22 Aromatics	ND		mg/kg	8.66	8.66	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	8.66	8.66	1
Naphthalene	ND		mg/kg	0.035	0.009	1
2-Methylnaphthalene	ND		mg/kg	0.035	0.004	1
Acenaphthylene	ND		mg/kg	0.035	0.004	1
Acenaphthene	ND		mg/kg	0.035	0.003	1
Fluorene	ND		mg/kg	0.035	0.003	1
Phenanthrene	ND		mg/kg	0.035	0.004	1
Anthracene	ND		mg/kg	0.035	0.003	1
Fluoranthene	0.018	J	mg/kg	0.035	0.005	1
Pyrene	0.016	J	mg/kg	0.035	0.005	1
Benzo(a)anthracene	0.009	J	mg/kg	0.035	0.003	1
Chrysene	ND		mg/kg	0.035	0.012	1
Benzo(b)fluoranthene	0.015	J	mg/kg	0.035	0.011	1
Benzo(k)fluoranthene	ND		mg/kg	0.035	0.013	1
Benzo(a)pyrene	0.009	J	mg/kg	0.035	0.003	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.035	0.011	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.035	0.011	1
Benzo(ghi)perylene	ND		mg/kg	0.035	0.013	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-14	Date Collected:	05/25/16 15:45
Client ID:	SS104	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	65		40-140
2-Fluorobiphenyl	71		40-140
2-Bromonaphthalene	72		40-140
O-Terphenyl-MS	77		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-15	Date Collected:	05/25/16 14:00
Client ID:	SS105	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/01/16 21:50		
Analyst:	JM		
Percent Solids:	84%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1.5:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	5.42	5.42	1
C9-C12 Aliphatics	ND		mg/kg	5.42	5.42	1
C9-C10 Aromatics	ND		mg/kg	5.42	5.42	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.42	5.42	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.42	5.42	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	77		70-130
2,5-Dibromotoluene-FID	100		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-15			Date Collected:	05/25/16 14:00
Client ID:	SS105			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/02/16 20:55	M.S. Analytical Date:	06/01/16 22:27	Cleanup Method1:	EPH-04-1
Analyst:	DV	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	84%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.88	7.88	1
C19-C36 Aliphatics	18.8		mg/kg	7.88	7.88	1
C11-C22 Aromatics	ND		mg/kg	7.88	7.88	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.88	7.88	1
Naphthalene	ND		mg/kg	0.032	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.032	0.004	1
Acenaphthylene	ND		mg/kg	0.032	0.004	1
Acenaphthene	ND		mg/kg	0.032	0.003	1
Fluorene	ND		mg/kg	0.032	0.003	1
Phenanthrene	ND		mg/kg	0.032	0.004	1
Anthracene	ND		mg/kg	0.032	0.003	1
Fluoranthene	ND		mg/kg	0.032	0.005	1
Pyrene	ND		mg/kg	0.032	0.004	1
Benzo(a)anthracene	ND		mg/kg	0.032	0.003	1
Chrysene	ND		mg/kg	0.032	0.011	1
Benzo(b)fluoranthene	ND		mg/kg	0.032	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.032	0.012	1
Benzo(a)pyrene	ND		mg/kg	0.032	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.032	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.032	0.010	1
Benzo(ghi)perylene	ND		mg/kg	0.032	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-15	Date Collected:	05/25/16 14:00
Client ID:	SS105	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	81		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	87		40-140
2-Bromonaphthalene	90		40-140
O-Terphenyl-MS	72		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-16	Date Collected:	05/25/16 14:15
Client ID:	SS106	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/01/16 22:30		
Analyst:	JM		
Percent Solids:	81%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1.7:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	6.25	6.25	1
C9-C12 Aliphatics	ND		mg/kg	6.25	6.25	1
C9-C10 Aromatics	ND		mg/kg	6.25	6.25	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	6.25	6.25	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	6.25	6.25	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	78		70-130
2,5-Dibromotoluene-FID	102		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-16			Date Collected:	05/25/16 14:15
Client ID:	SS106			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/02/16 21:27	M.S. Analytical Date:	06/01/16 22:53	Cleanup Method1:	EPH-04-1
Analyst:	DV	M.S. Analyst:	MW	Cleanup Date1:	06/01/16
Percent Solids:	81%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.11	8.11	1
C19-C36 Aliphatics	ND		mg/kg	8.11	8.11	1
C11-C22 Aromatics	ND		mg/kg	8.11	8.11	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	8.11	8.11	1
Naphthalene	ND		mg/kg	0.032	0.008	1
2-Methylnaphthalene	ND		mg/kg	0.032	0.004	1
Acenaphthylene	ND		mg/kg	0.032	0.004	1
Acenaphthene	ND		mg/kg	0.032	0.003	1
Fluorene	ND		mg/kg	0.032	0.003	1
Phenanthrene	ND		mg/kg	0.032	0.004	1
Anthracene	ND		mg/kg	0.032	0.003	1
Fluoranthene	ND		mg/kg	0.032	0.005	1
Pyrene	ND		mg/kg	0.032	0.005	1
Benzo(a)anthracene	ND		mg/kg	0.032	0.003	1
Chrysene	ND		mg/kg	0.032	0.012	1
Benzo(b)fluoranthene	ND		mg/kg	0.032	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.032	0.012	1
Benzo(a)pyrene	ND		mg/kg	0.032	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.032	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.032	0.010	1
Benzo(ghi)perylene	ND		mg/kg	0.032	0.012	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-16	Date Collected:	05/25/16 14:15
Client ID:	SS106	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	81		40-140
o-Terphenyl	80		40-140
2-Fluorobiphenyl	86		40-140
2-Bromonaphthalene	90		40-140
O-Terphenyl-MS	74		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-17	Date Collected:	05/25/16 16:00
Client ID:	SS107	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/01/16 23:10		
Analyst:	JM		
Percent Solids:	80%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1.9:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	6.85	6.85	1
C9-C12 Aliphatics	ND		mg/kg	6.85	6.85	1
C9-C10 Aromatics	ND		mg/kg	6.85	6.85	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	6.85	6.85	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	6.85	6.85	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	81		70-130
2,5-Dibromotoluene-FID	105		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-17 D			Date Collected:	05/25/16 16:00
Client ID:	SS107			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/04/16 00:32	M.S. Analytical Date:	06/02/16 17:12	Cleanup Method1:	EPH-04-1
Analyst:	DG	M.S. Analyst:	KV	Cleanup Date1:	06/01/16
Percent Solids:	80%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	16.0	16.0	2
C19-C36 Aliphatics	ND		mg/kg	16.0	16.0	2
C11-C22 Aromatics	254		mg/kg	16.0	16.0	2
C11-C22 Aromatics, Adjusted	171		mg/kg	16.0	16.0	2
Naphthalene	0.406		mg/kg	0.321	0.080	10
2-Methylnaphthalene	0.218	J	mg/kg	0.321	0.041	10
Acenaphthylene	1.52		mg/kg	0.321	0.040	10
Acenaphthene	0.232	J	mg/kg	0.321	0.027	10
Fluorene	2.04		mg/kg	0.321	0.030	10
Phenanthrene	15.2		mg/kg	0.321	0.037	10
Anthracene	2.56		mg/kg	0.321	0.027	10
Fluoranthene	15.2		mg/kg	0.321	0.047	10
Pyrene	12.9		mg/kg	0.321	0.046	10
Benzo(a)anthracene	6.24		mg/kg	0.321	0.031	10
Chrysene	6.40		mg/kg	0.321	0.113	10
Benzo(b)fluoranthene	6.16		mg/kg	0.321	0.102	10
Benzo(k)fluoranthene	2.14		mg/kg	0.321	0.122	10
Benzo(a)pyrene	5.06		mg/kg	0.321	0.024	10
Indeno(1,2,3-cd)Pyrene	3.17		mg/kg	0.321	0.100	10
Dibenzo(a,h)anthracene	0.752		mg/kg	0.321	0.098	10
Benzo(ghi)perylene	3.16		mg/kg	0.321	0.116	10

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-17 D	Date Collected:	05/25/16 16:00
Client ID:	SS107	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	89		40-140
o-Terphenyl	70		40-140
2-Fluorobiphenyl	65		40-140
2-Bromonaphthalene	73		40-140
O-Terphenyl-MS	64		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-18	Date Collected:	05/25/16 16:00
Client ID:	SS108	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/02/16 01:10		
Analyst:	JM		
Percent Solids:	86%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	3.38	3.38	1
C9-C12 Aliphatics	15.7		mg/kg	3.38	3.38	1
C9-C10 Aromatics	12.4		mg/kg	3.38	3.38	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	3.38	3.38	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	3.38	3.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	76		70-130
2,5-Dibromotoluene-FID	99		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-18			Date Collected:	05/25/16 16:00
Client ID:	SS108			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/03/16 22:47	M.S. Analytical Date:	06/02/16 17:41	Cleanup Method1:	EPH-04-1
Analyst:	DV	M.S. Analyst:	KV	Cleanup Date1:	06/02/16
Percent Solids:	86%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.40	7.40	1
C19-C36 Aliphatics	ND		mg/kg	7.40	7.40	1
C11-C22 Aromatics	9.29		mg/kg	7.40	7.40	1
C11-C22 Aromatics, Adjusted	8.48		mg/kg	7.40	7.40	1
Naphthalene	0.042		mg/kg	0.030	0.007	1
2-Methylnaphthalene	0.022	J	mg/kg	0.030	0.004	1
Acenaphthylene	0.031		mg/kg	0.030	0.004	1
Acenaphthene	0.005	J	mg/kg	0.030	0.002	1
Fluorene	0.008	J	mg/kg	0.030	0.003	1
Phenanthrene	0.074		mg/kg	0.030	0.003	1
Anthracene	0.020	J	mg/kg	0.030	0.003	1
Fluoranthene	0.102		mg/kg	0.030	0.004	1
Pyrene	0.121		mg/kg	0.030	0.004	1
Benzo(a)anthracene	0.060		mg/kg	0.030	0.003	1
Chrysene	0.075		mg/kg	0.030	0.011	1
Benzo(b)fluoranthene	0.091		mg/kg	0.030	0.009	1
Benzo(k)fluoranthene	0.026	J	mg/kg	0.030	0.011	1
Benzo(a)pyrene	0.086		mg/kg	0.030	0.002	1
Indeno(1,2,3-cd)Pyrene	0.060		mg/kg	0.030	0.009	1
Dibenzo(a,h)anthracene	0.014	J	mg/kg	0.030	0.009	1
Benzo(ghi)perylene	0.069		mg/kg	0.030	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-18	Date Collected:	05/25/16 16:00
Client ID:	SS108	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		40-140
o-Terphenyl	80		40-140
2-Fluorobiphenyl	88		40-140
2-Bromonaphthalene	88		40-140
O-Terphenyl-MS	72		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-19	Date Collected:	05/25/16 16:00
Client ID:	SS-DUP	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/01/16 23:50		
Analyst:	JM		
Percent Solids:	83%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	2.1:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	7.20	7.20	1
C9-C12 Aliphatics	ND		mg/kg	7.20	7.20	1
C9-C10 Aromatics	ND		mg/kg	7.20	7.20	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.20	7.20	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.20	7.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	72		70-130
2,5-Dibromotoluene-FID	94		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-19			Date Collected:	05/25/16 16:00
Client ID:	SS-DUP			Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	05/30/16 05:21
Analytical Date:	06/03/16 23:33	M.S. Analytical Date:	06/02/16 18:10	Cleanup Method1:	EPH-04-1
Analyst:	DV	M.S. Analyst:	KV	Cleanup Date1:	06/02/16
Percent Solids:	83%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.63	7.63	1
C19-C36 Aliphatics	ND		mg/kg	7.63	7.63	1
C11-C22 Aromatics	ND		mg/kg	7.63	7.63	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.63	7.63	1
Naphthalene	0.013	J	mg/kg	0.031	0.008	1
2-Methylnaphthalene	0.005	J	mg/kg	0.031	0.004	1
Acenaphthylene	0.017	J	mg/kg	0.031	0.004	1
Acenaphthene	ND		mg/kg	0.031	0.003	1
Fluorene	0.008	J	mg/kg	0.031	0.003	1
Phenanthrene	0.073		mg/kg	0.031	0.003	1
Anthracene	0.011	J	mg/kg	0.031	0.003	1
Fluoranthene	0.114		mg/kg	0.031	0.004	1
Pyrene	0.118		mg/kg	0.031	0.004	1
Benzo(a)anthracene	0.048		mg/kg	0.031	0.003	1
Chrysene	0.065		mg/kg	0.031	0.011	1
Benzo(b)fluoranthene	0.064		mg/kg	0.031	0.010	1
Benzo(k)fluoranthene	0.020	J	mg/kg	0.031	0.012	1
Benzo(a)pyrene	0.051		mg/kg	0.031	0.002	1
Indeno(1,2,3-cd)Pyrene	0.036		mg/kg	0.031	0.009	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	0.009	1
Benzo(ghi)perylene	0.041		mg/kg	0.031	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-19	Date Collected:	05/25/16 16:00
Client ID:	SS-DUP	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	75		40-140
2-Fluorobiphenyl	84		40-140
2-Bromonaphthalene	81		40-140
O-Terphenyl-MS	68		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/01/16 22:13 M.S. Analytical Date: 06/01/16 14:26
Analyst: EK M.S. Analyst: YW

Extraction Method: EPA 3546
Extraction Date: 05/30/16 05:20
Cleanup Method: EPH-04-1
Cleanup Date: 05/31/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 01-19 Batch: WG898890-1					
C9-C18 Aliphatics	ND		mg/kg	6.28	6.28
C19-C36 Aliphatics	ND		mg/kg	6.28	6.28
C11-C22 Aromatics	ND		mg/kg	6.28	6.28
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.28	6.28
Naphthalene	ND		mg/kg	0.025	0.006
2-Methylnaphthalene	ND		mg/kg	0.025	0.003
Acenaphthylene	ND		mg/kg	0.025	0.003
Acenaphthene	ND		mg/kg	0.025	0.002
Fluorene	ND		mg/kg	0.025	0.002
Phenanthrene	ND		mg/kg	0.025	0.003
Anthracene	ND		mg/kg	0.025	0.002
Fluoranthene	ND		mg/kg	0.025	0.004
Pyrene	ND		mg/kg	0.025	0.004
Benzo(a)anthracene	ND		mg/kg	0.025	0.002
Chrysene	ND		mg/kg	0.025	0.009
Benzo(b)fluoranthene	ND		mg/kg	0.025	0.008
Benzo(k)fluoranthene	ND		mg/kg	0.025	0.010
Benzo(a)pyrene	ND		mg/kg	0.025	0.002
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.025	0.008
Dibenzo(a,h)anthracene	ND		mg/kg	0.025	0.008
Benzo(ghi)perylene	ND		mg/kg	0.025	0.009

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/01/16 22:13 06/01/16 14:26
Analyst: EK YW

Extraction Method: EPA 3546
Extraction Date: 05/30/16 05:20
Cleanup Method: EPH-04-1
Cleanup Date: 05/31/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 01-19 Batch: WG898890-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	66		40-140
o-Terphenyl	60		40-140
2-Fluorobiphenyl	70		40-140
2-Bromonaphthalene	71		40-140
O-Terphenyl-MS	53		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 100,VPH-04-1.1
Analytical Date: 06/01/16 08:57
Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 14-19 Batch: WG899495-3					
C5-C8 Aliphatics	ND		mg/kg	2.67	2.67
C9-C12 Aliphatics	ND		mg/kg	2.67	2.67
C9-C10 Aromatics	ND		mg/kg	2.67	2.67
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	84		70-130
2,5-Dibromotoluene-FID	110		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 100,VPH-04-1.1
Analytical Date: 06/02/16 18:12
Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 07-13 Batch: WG900695-3					
C5-C8 Aliphatics	ND		mg/kg	2.67	2.67
C9-C12 Aliphatics	ND		mg/kg	2.67	2.67
C9-C10 Aromatics	ND		mg/kg	2.67	2.67
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	130		70-130
2,5-Dibromotoluene-FID	103		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 100,VPH-04-1.1
Analytical Date: 06/03/16 19:11
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-06 Batch: WG900696-3					
C5-C8 Aliphatics	ND		mg/kg	2.67	2.67
C9-C12 Aliphatics	ND		mg/kg	2.67	2.67
C9-C10 Aromatics	ND		mg/kg	2.67	2.67
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.67	2.67
Benzene	ND		mg/kg	0.107	0.107
Toluene	ND		mg/kg	0.107	0.107
Ethylbenzene	ND		mg/kg	0.107	0.107
p/m-Xylene	ND		mg/kg	0.107	0.107
o-Xylene	ND		mg/kg	0.107	0.107
Methyl tert butyl ether	ND		mg/kg	0.053	0.053
Naphthalene	ND		mg/kg	0.213	0.213

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	119		70-130
2,5-Dibromotoluene-FID	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 01-19 Batch: WG898890-2 WG898890-3								
C9-C18 Aliphatics	72		63		40-140	13		25
C19-C36 Aliphatics	78		71		40-140	9		25
C11-C22 Aromatics	69		62		40-140	11		25
Naphthalene	49		45		40-140	9		25
2-Methylnaphthalene	54		50		40-140	8		25
Acenaphthylene	54		50		40-140	8		25
Acenaphthene	54		50		40-140	8		25
Fluorene	56		53		40-140	6		25
Phenanthrene	59		56		40-140	5		25
Anthracene	59		56		40-140	5		25
Fluoranthene	63		62		40-140	2		25
Pyrene	61		58		40-140	5		25
Benzo(a)anthracene	58		57		40-140	2		25
Chrysene	62		61		40-140	2		25
Benzo(b)fluoranthene	63		63		40-140	0		25
Benzo(k)fluoranthene	62		62		40-140	0		25
Benzo(a)pyrene	59		57		40-140	3		25
Indeno(1,2,3-cd)Pyrene	60		59		40-140	2		25
Dibenzo(a,h)anthracene	62		61		40-140	2		25
Benzo(ghi)perylene	62		60		40-140	3		25
Nonane (C9)	50		44		30-140	13		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 01-19 Batch: WG898890-2 WG898890-3								
Decane (C10)	58		51		40-140	13		25
Dodecane (C12)	62		55		40-140	12		25
Tetradecane (C14)	65		57		40-140	13		25
Hexadecane (C16)	67		60		40-140	11		25
Octadecane (C18)	72		65		40-140	10		25
Nonadecane (C19)	73		66		40-140	10		25
Eicosane (C20)	73		66		40-140	10		25
Docosane (C22)	72		65		40-140	10		25
Tetracosane (C24)	71		65		40-140	9		25
Hexacosane (C26)	71		65		40-140	9		25
Octacosane (C28)	72		66		40-140	9		25
Triacontane (C30)	72		66		40-140	9		25
Hexatriacontane (C36)	75		64		40-140	16		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 01-19 Batch: WG898890-2 WG898890-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	75		67		40-140
o-Terphenyl	67		61		40-140
2-Fluorobiphenyl	75		69		40-140
2-Bromonaphthalene	78		71		40-140
O-Terphenyl-MS	59		57		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 14-19 Batch: WG899495-1 WG899495-2								
C5-C8 Aliphatics	97		80		70-130	19		25
C9-C12 Aliphatics	112		94		70-130	17		25
C9-C10 Aromatics	89		74		70-130	18		25
Benzene	86		72		70-130	17		25
Toluene	88		74		70-130	17		25
Ethylbenzene	89		75		70-130	18		25
p/m-Xylene	88		74		70-130	18		25
o-Xylene	89		76		70-130	16		25
Methyl tert butyl ether	92		84		70-130	9		25
Naphthalene	89		82		70-130	9		25
1,2,4-Trimethylbenzene	89		74		70-130	18		25
Pentane	87		71		70-130	20		25
2-Methylpentane	101		83		70-130	20		25
2,2,4-Trimethylpentane	104		87		70-130	18		25
n-Nonane	110		92		30-130	18		25
n-Decane	113		94		70-130	18		25
n-Butylcyclohexane	113		97		70-130	15		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 14-19 Batch: WG899495-1 WG899495-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	88		75		70-130
2,5-Dibromotoluene-FID	112		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 07-13 Batch: WG900695-1 WG900695-2								
C5-C8 Aliphatics	78		78		70-130	1		25
C9-C12 Aliphatics	100		105		70-130	5		25
C9-C10 Aromatics	113		121		70-130	7		25
Benzene	100		99		70-130	1		25
Toluene	106		105		70-130	1		25
Ethylbenzene	107		108		70-130	1		25
p/m-Xylene	108		110		70-130	2		25
o-Xylene	110		113		70-130	3		25
Methyl tert butyl ether	91		91		70-130	0		25
Naphthalene	119		126		70-130	6		25
1,2,4-Trimethylbenzene	113		121		70-130	7		25
Pentane	74		74		70-130	1		25
2-Methylpentane	76		76		70-130	1		25
2,2,4-Trimethylpentane	84		84		70-130	0		25
n-Nonane	96		102		30-130	6		25
n-Decane	104		110		70-130	6		25
n-Butylcyclohexane	101		104		70-130	3		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 07-13 Batch: WG900695-1 WG900695-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	**132**	Q	**135**	Q	70-130
2,5-Dibromotoluene-FID	105		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG900696-1 WG900696-2								
C5-C8 Aliphatics	72		74		70-130	3		25
C9-C12 Aliphatics	93		97		70-130	4		25
C9-C10 Aromatics	95		99		70-130	4		25
Benzene	83		86		70-130	3		25
Toluene	87		90		70-130	3		25
Ethylbenzene	89		92		70-130	3		25
p/m-Xylene	89		93		70-130	4		25
o-Xylene	92		95		70-130	3		25
Methyl tert butyl ether	79		80		70-130	2		25
Naphthalene	104		108		70-130	4		25
1,2,4-Trimethylbenzene	95		99		70-130	4		25
Pentane	**68**	Q	**69**	Q	70-130	3		25
2-Methylpentane	71		73		70-130	3		25
2,2,4-Trimethylpentane	78		80		70-130	3		25
n-Nonane	90		94		30-130	4		25
n-Decane	98		102		70-130	5		25
n-Butylcyclohexane	94		98		70-130	4		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616081

Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG900696-1 WG900696-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	115		121		70-130
2,5-Dibromotoluene-FID	101		107		70-130

PCBS

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-01	Date Collected:	05/25/16 08:15
Client ID:	B101-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 02:37	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	83%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.8	3.13	1	A
Aroclor 1221	ND		ug/kg	23.8	3.66	1	A
Aroclor 1232	ND		ug/kg	23.8	4.65	1	A
Aroclor 1242	ND		ug/kg	23.8	4.85	1	A
Aroclor 1248	ND		ug/kg	15.8	3.35	1	A
Aroclor 1254	ND		ug/kg	23.8	3.26	1	A
Aroclor 1260	ND		ug/kg	15.8	3.02	1	A
Aroclor 1262	ND		ug/kg	7.93	1.97	1	A
Aroclor 1268	ND		ug/kg	7.93	5.75	1	A
PCBs, Total	ND		ug/kg	7.93	1.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-02	Date Collected:	05/25/16 09:15
Client ID:	B102-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 02:50	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	91%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	21.6	2.84	1	A
Aroclor 1221	ND		ug/kg	21.6	3.31	1	A
Aroclor 1232	ND		ug/kg	21.6	4.21	1	A
Aroclor 1242	ND		ug/kg	21.6	4.40	1	A
Aroclor 1248	ND		ug/kg	14.4	3.03	1	A
Aroclor 1254	ND		ug/kg	21.6	2.95	1	A
Aroclor 1260	ND		ug/kg	14.4	2.74	1	A
Aroclor 1262	ND		ug/kg	7.19	1.78	1	A
Aroclor 1268	ND		ug/kg	7.19	5.21	1	A
PCBs, Total	ND		ug/kg	7.19	1.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-03	Date Collected:	05/25/16 08:30
Client ID:	B103-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 03:02	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.0	3.02	1	A
Aroclor 1221	ND		ug/kg	23.0	3.53	1	A
Aroclor 1232	ND		ug/kg	23.0	4.49	1	A
Aroclor 1242	ND		ug/kg	23.0	4.69	1	A
Aroclor 1248	ND		ug/kg	15.3	3.23	1	A
Aroclor 1254	ND		ug/kg	23.0	3.15	1	A
Aroclor 1260	ND		ug/kg	15.3	2.92	1	A
Aroclor 1262	ND		ug/kg	7.66	1.90	1	A
Aroclor 1268	ND		ug/kg	7.66	5.55	1	A
PCBs, Total	ND		ug/kg	7.66	1.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-04	Date Collected:	05/25/16 09:45
Client ID:	B104-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 03:14	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	84%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.2	3.06	1	A
Aroclor 1221	ND		ug/kg	23.2	3.57	1	A
Aroclor 1232	ND		ug/kg	23.2	4.54	1	A
Aroclor 1242	ND		ug/kg	23.2	4.74	1	A
Aroclor 1248	ND		ug/kg	15.5	3.27	1	A
Aroclor 1254	ND		ug/kg	23.2	3.18	1	A
Aroclor 1260	ND		ug/kg	15.5	2.95	1	A
Aroclor 1262	ND		ug/kg	7.75	1.92	1	A
Aroclor 1268	ND		ug/kg	7.75	5.62	1	A
PCBs, Total	ND		ug/kg	7.75	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-05	Date Collected:	05/25/16 10:30
Client ID:	B106-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 03:27	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	82%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.2	3.06	1	A
Aroclor 1221	ND		ug/kg	23.2	3.57	1	A
Aroclor 1232	ND		ug/kg	23.2	4.54	1	A
Aroclor 1242	ND		ug/kg	23.2	4.74	1	A
Aroclor 1248	ND		ug/kg	15.5	3.27	1	A
Aroclor 1254	ND		ug/kg	23.2	3.19	1	A
Aroclor 1260	ND		ug/kg	15.5	2.95	1	A
Aroclor 1262	ND		ug/kg	7.75	1.92	1	A
Aroclor 1268	ND		ug/kg	7.75	5.62	1	A
PCBs, Total	ND		ug/kg	7.75	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-06	Date Collected:	05/25/16 11:30
Client ID:	B105-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 03:39	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.5	3.10	1	A
Aroclor 1221	ND		ug/kg	23.5	3.62	1	A
Aroclor 1232	ND		ug/kg	23.5	4.60	1	A
Aroclor 1242	ND		ug/kg	23.5	4.80	1	A
Aroclor 1248	ND		ug/kg	15.7	3.31	1	A
Aroclor 1254	ND		ug/kg	23.5	3.22	1	A
Aroclor 1260	ND		ug/kg	15.7	2.99	1	A
Aroclor 1262	ND		ug/kg	7.84	1.94	1	A
Aroclor 1268	ND		ug/kg	7.84	5.68	1	A
PCBs, Total	ND		ug/kg	7.84	1.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-07	Date Collected:	05/25/16 12:30
Client ID:	B110-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 03:52	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	97%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	20.0	2.63	1	A
Aroclor 1221	ND		ug/kg	20.0	3.07	1	A
Aroclor 1232	ND		ug/kg	20.0	3.90	1	A
Aroclor 1242	ND		ug/kg	20.0	4.07	1	A
Aroclor 1248	ND		ug/kg	13.3	2.81	1	A
Aroclor 1254	ND		ug/kg	20.0	2.73	1	A
Aroclor 1260	ND		ug/kg	13.3	2.53	1	A
Aroclor 1262	ND		ug/kg	6.65	1.65	1	A
Aroclor 1268	ND		ug/kg	6.65	4.82	1	A
PCBs, Total	ND		ug/kg	6.65	1.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-08	Date Collected:	05/25/16 13:20
Client ID:	B107-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 04:04	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	78%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	24.9	3.28	1	A
Aroclor 1221	ND		ug/kg	24.9	3.83	1	A
Aroclor 1232	ND		ug/kg	24.9	4.87	1	A
Aroclor 1242	ND		ug/kg	24.9	5.08	1	A
Aroclor 1248	ND		ug/kg	16.6	3.51	1	A
Aroclor 1254	ND		ug/kg	24.9	3.41	1	A
Aroclor 1260	ND		ug/kg	16.6	3.16	1	A
Aroclor 1262	ND		ug/kg	8.31	2.06	1	A
Aroclor 1268	ND		ug/kg	8.31	6.02	1	A
PCBs, Total	ND		ug/kg	8.31	2.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-11	Date Collected:	05/25/16 15:20
Client ID:	SS101	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 04:16	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	22.9	3.02	1	A
Aroclor 1221	ND		ug/kg	22.9	3.52	1	A
Aroclor 1232	ND		ug/kg	22.9	4.48	1	A
Aroclor 1242	ND		ug/kg	22.9	4.68	1	A
Aroclor 1248	ND		ug/kg	15.3	3.22	1	A
Aroclor 1254	ND		ug/kg	22.9	3.14	1	A
Aroclor 1260	ND		ug/kg	15.3	2.91	1	A
Aroclor 1262	ND		ug/kg	7.64	1.89	1	A
Aroclor 1268	ND		ug/kg	7.64	5.54	1	A
PCBs, Total	ND		ug/kg	7.64	1.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-12	Date Collected:	05/25/16 15:00
Client ID:	SS102	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 04:29	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	92%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	21.6	2.85	1	A
Aroclor 1221	ND		ug/kg	21.6	3.32	1	A
Aroclor 1232	ND		ug/kg	21.6	4.22	1	A
Aroclor 1242	ND		ug/kg	21.6	4.41	1	A
Aroclor 1248	ND		ug/kg	14.4	3.04	1	A
Aroclor 1254	ND		ug/kg	21.6	2.96	1	A
Aroclor 1260	ND		ug/kg	14.4	2.75	1	A
Aroclor 1262	ND		ug/kg	7.21	1.79	1	A
Aroclor 1268	ND		ug/kg	7.21	5.23	1	A
PCBs, Total	ND		ug/kg	7.21	1.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-13	Date Collected:	05/25/16 15:30
Client ID:	SS103	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/08/16 14:10
Analytical Date:	06/09/16 14:04	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	06/09/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	22.5	2.96	1	A
Aroclor 1221	ND		ug/kg	22.5	3.46	1	A
Aroclor 1232	ND		ug/kg	22.5	4.40	1	A
Aroclor 1242	ND		ug/kg	22.5	4.59	1	A
Aroclor 1248	ND		ug/kg	15.0	3.16	1	A
Aroclor 1254	ND		ug/kg	22.5	3.08	1	A
Aroclor 1260	ND		ug/kg	15.0	2.86	1	A
Aroclor 1262	ND		ug/kg	7.50	1.86	1	A
Aroclor 1268	ND		ug/kg	7.50	5.44	1	A
PCBs, Total	ND		ug/kg	7.50	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-14	Date Collected:	05/25/16 15:45
Client ID:	SS104	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 04:54	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	75%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	26.4	3.48	1	A
Aroclor 1221	ND		ug/kg	26.4	4.06	1	A
Aroclor 1232	ND		ug/kg	26.4	5.16	1	A
Aroclor 1242	ND		ug/kg	26.4	5.39	1	A
Aroclor 1248	ND		ug/kg	17.6	3.71	1	A
Aroclor 1254	ND		ug/kg	26.4	3.62	1	A
Aroclor 1260	ND		ug/kg	17.6	3.35	1	A
Aroclor 1262	ND		ug/kg	8.80	2.18	1	A
Aroclor 1268	ND		ug/kg	8.80	6.38	1	A
PCBs, Total	ND		ug/kg	8.80	2.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-15	Date Collected:	05/25/16 14:00
Client ID:	SS105	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 05:06	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	84%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.2	3.05	1	A
Aroclor 1221	ND		ug/kg	23.2	3.56	1	A
Aroclor 1232	ND		ug/kg	23.2	4.52	1	A
Aroclor 1242	ND		ug/kg	23.2	4.73	1	A
Aroclor 1248	ND		ug/kg	15.4	3.26	1	A
Aroclor 1254	ND		ug/kg	23.2	3.17	1	A
Aroclor 1260	ND		ug/kg	15.4	2.94	1	A
Aroclor 1262	ND		ug/kg	7.72	1.92	1	A
Aroclor 1268	ND		ug/kg	7.72	5.60	1	A
PCBs, Total	ND		ug/kg	7.72	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-16	Date Collected:	05/25/16 14:15
Client ID:	SS106	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 05:19	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	06/02/16
Percent Solids:	81%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	24.1	3.17	1	A
Aroclor 1221	ND		ug/kg	24.1	3.70	1	A
Aroclor 1232	ND		ug/kg	24.1	4.70	1	A
Aroclor 1242	ND		ug/kg	24.1	4.91	1	A
Aroclor 1248	ND		ug/kg	16.0	3.38	1	A
Aroclor 1254	ND		ug/kg	24.1	3.30	1	A
Aroclor 1260	ND		ug/kg	16.0	3.06	1	A
Aroclor 1262	ND		ug/kg	8.02	1.99	1	A
Aroclor 1268	ND		ug/kg	8.02	5.82	1	A
PCBs, Total	ND		ug/kg	8.02	1.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-17	Date Collected:	05/25/16 16:00
Client ID:	SS107	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 06:55	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	06/02/16
Percent Solids:	80%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.7	3.12	1	A
Aroclor 1221	ND		ug/kg	23.7	3.64	1	A
Aroclor 1232	ND		ug/kg	23.7	4.63	1	A
Aroclor 1242	ND		ug/kg	23.7	4.84	1	A
Aroclor 1248	ND		ug/kg	15.8	3.34	1	A
Aroclor 1254	ND		ug/kg	23.7	3.25	1	A
Aroclor 1260	ND		ug/kg	15.8	3.01	1	A
Aroclor 1262	ND		ug/kg	7.91	1.96	1	A
Aroclor 1268	ND		ug/kg	7.91	5.73	1	A
PCBs, Total	ND		ug/kg	7.91	1.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-18	Date Collected:	05/25/16 16:00
Client ID:	SS108	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 07:08	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	06/02/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	22.3	2.93	1	A
Aroclor 1221	ND		ug/kg	22.3	3.42	1	A
Aroclor 1232	ND		ug/kg	22.3	4.35	1	A
Aroclor 1242	ND		ug/kg	22.3	4.54	1	A
Aroclor 1248	ND		ug/kg	14.8	3.13	1	A
Aroclor 1254	ND		ug/kg	22.3	3.05	1	A
Aroclor 1260	9.06	J	ug/kg	14.8	2.83	1	A
Aroclor 1262	ND		ug/kg	7.43	1.84	1	A
Aroclor 1268	10.6		ug/kg	7.43	5.38	1	B
PCBs, Total	19.7	J	ug/kg	7.43	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-19	Date Collected:	05/25/16 16:00
Client ID:	SS-DUP	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 01:40
Analytical Date:	06/03/16 07:20	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	06/02/16
Percent Solids:	83%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	23.3	3.07	1	A
Aroclor 1221	ND		ug/kg	23.3	3.58	1	A
Aroclor 1232	ND		ug/kg	23.3	4.55	1	A
Aroclor 1242	ND		ug/kg	23.3	4.76	1	A
Aroclor 1248	ND		ug/kg	15.5	3.28	1	A
Aroclor 1254	ND		ug/kg	23.3	3.19	1	A
Aroclor 1260	ND		ug/kg	15.5	2.96	1	A
Aroclor 1262	ND		ug/kg	7.77	1.93	1	A
Aroclor 1268	ND		ug/kg	7.77	5.64	1	A
PCBs, Total	ND		ug/kg	7.77	1.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	32		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/03/16 02:00
Analyst: JW

Extraction Method: EPA 3540C
Extraction Date: 06/02/16 01:40
Cleanup Method: EPA 3665A
Cleanup Date: 06/02/16
Cleanup Method: EPA 3660B
Cleanup Date: 06/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 01-08,11-12,14-19 Batch: WG899644-1						
Aroclor 1016	ND		ug/kg	19.0	2.51	A
Aroclor 1221	ND		ug/kg	19.0	2.92	A
Aroclor 1232	ND		ug/kg	19.0	3.72	A
Aroclor 1242	ND		ug/kg	19.0	3.88	A
Aroclor 1248	ND		ug/kg	12.7	2.68	A
Aroclor 1254	ND		ug/kg	19.0	2.61	A
Aroclor 1260	ND		ug/kg	12.7	2.42	A
Aroclor 1262	ND		ug/kg	6.34	1.57	A
Aroclor 1268	ND		ug/kg	6.34	4.60	A
PCBs, Total	ND		ug/kg	6.34	1.57	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/09/16 13:15
Analyst: KB

Extraction Method: EPA 3540C
Extraction Date: 06/08/16 14:10
Cleanup Method: EPA 3665A
Cleanup Date: 06/09/16
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 13 Batch: WG901841-1						
Aroclor 1016	ND		ug/kg	19.3	2.54	A
Aroclor 1221	ND		ug/kg	19.3	2.97	A
Aroclor 1232	ND		ug/kg	19.3	3.77	A
Aroclor 1242	ND		ug/kg	19.3	3.94	A
Aroclor 1248	ND		ug/kg	12.9	2.72	A
Aroclor 1254	ND		ug/kg	19.3	2.64	A
Aroclor 1260	ND		ug/kg	12.9	2.45	A
Aroclor 1262	ND		ug/kg	6.44	1.60	A
Aroclor 1268	ND		ug/kg	6.44	4.66	A
PCBs, Total	ND		ug/kg	6.44	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 01-08,11-12,14-19 Batch: WG899644-2 WG899644-3									
Aroclor 1016	68		64		40-140	6		50	A
Aroclor 1260	70		70		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		58		30-150	A
Decachlorobiphenyl	91		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		52		30-150	B
Decachlorobiphenyl	105		108		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 13 Batch: WG901841-2 WG901841-3									
Aroclor 1016	88		90		40-140	2		50	A
Aroclor 1260	84		84		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		81		30-150	A
Decachlorobiphenyl	78		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	B
Decachlorobiphenyl	93		94		30-150	B

METALS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-07	Date Collected:	05/25/16 12:30
Client ID:	B110-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12		mg/kg	0.41	0.13	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS
Barium, Total	43		mg/kg	0.41	0.11	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.41	0.03	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS
Chromium, Total	19		mg/kg	0.41	0.07	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS
Lead, Total	2.6		mg/kg	2.0	0.09	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.07	0.01	1	05/27/16 11:55	05/27/16 20:36	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.82	0.11	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.41	0.08	1	05/28/16 10:00	05/31/16 10:32	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-08	Date Collected:	05/25/16 13:20
Client ID:	B107-S1-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13		mg/kg	0.50	0.16	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS
Barium, Total	58		mg/kg	0.50	0.13	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.50	0.04	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS
Chromium, Total	37		mg/kg	0.50	0.09	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS
Lead, Total	2.5		mg/kg	2.5	0.11	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS
Mercury, Total	0.02	J	mg/kg	0.09	0.02	1	05/27/16 11:55	05/27/16 20:38	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	1.0	0.13	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.50	0.10	1	05/28/16 10:00	05/31/16 16:13	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-09	Date Collected:	05/25/16 15:00
Client ID:	B111-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13		mg/kg	0.44	0.15	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS
Barium, Total	62		mg/kg	0.44	0.12	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.44	0.03	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS
Chromium, Total	30		mg/kg	0.44	0.08	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS
Lead, Total	11		mg/kg	2.2	0.10	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	05/27/16 11:55	05/27/16 20:40	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.89	0.12	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.44	0.09	1	05/28/16 10:00	05/31/16 16:17	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-10	Date Collected:	05/25/16 15:30
Client ID:	B112-S3-052516	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	15		mg/kg	0.43	0.14	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS
Barium, Total	81		mg/kg	0.43	0.12	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.43	0.03	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS
Chromium, Total	30		mg/kg	0.43	0.07	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS
Lead, Total	17		mg/kg	2.2	0.10	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	05/27/16 11:55	05/27/16 20:45	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.87	0.12	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS
Silver, Total	0.10	J	mg/kg	0.43	0.09	1	05/28/16 10:00	05/31/16 16:23	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-11	Date Collected:	05/25/16 15:20
Client ID:	SS101	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	15		mg/kg	0.45	0.15	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS
Barium, Total	52		mg/kg	0.45	0.12	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.45	0.03	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS
Chromium, Total	32		mg/kg	0.45	0.08	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS
Lead, Total	2.8		mg/kg	2.3	0.10	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	05/27/16 11:55	05/27/16 20:47	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.90	0.12	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.45	0.09	1	05/28/16 10:00	05/31/16 17:17	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-12	Date Collected:	05/25/16 15:00
Client ID:	SS102	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	16		mg/kg	0.42	0.14	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS
Barium, Total	52		mg/kg	0.42	0.11	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.42	0.03	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS
Chromium, Total	29		mg/kg	0.42	0.07	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS
Lead, Total	1.7	J	mg/kg	2.1	0.09	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.07	0.01	1	05/27/16 11:55	05/27/16 20:49	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.84	0.11	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.42	0.08	1	05/28/16 10:00	05/31/16 17:25	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-13	Date Collected:	05/25/16 15:30
Client ID:	SS103	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	20		mg/kg	0.45	0.15	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS
Barium, Total	65		mg/kg	0.45	0.12	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.45	0.03	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS
Chromium, Total	45		mg/kg	0.45	0.08	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS
Lead, Total	1.7	J	mg/kg	2.2	0.10	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 20:51	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.90	0.12	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.45	0.09	1	05/28/16 10:00	05/31/16 17:30	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-14	Date Collected:	05/25/16 15:45
Client ID:	SS104	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	17		mg/kg	0.53	0.18	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS
Barium, Total	46		mg/kg	0.53	0.14	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.53	0.04	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS
Chromium, Total	38		mg/kg	0.53	0.09	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS
Lead, Total	5.5		mg/kg	2.6	0.12	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 20:53	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	1.1	0.14	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.53	0.11	1	05/28/16 10:00	05/31/16 17:34	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-15	Date Collected:	05/25/16 14:00
Client ID:	SS105	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	23		mg/kg	0.46	0.15	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS
Barium, Total	70		mg/kg	0.46	0.12	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.46	0.03	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS
Chromium, Total	48		mg/kg	0.46	0.08	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS
Lead, Total	0.64	J	mg/kg	2.3	0.10	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 20:54	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.92	0.12	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.46	0.09	1	05/28/16 10:00	05/31/16 17:38	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-16	Date Collected:	05/25/16 14:15
Client ID:	SS106	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	20		mg/kg	0.48	0.16	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS
Barium, Total	68		mg/kg	0.48	0.13	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.48	0.03	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS
Chromium, Total	47		mg/kg	0.48	0.08	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS
Lead, Total	0.10	J	mg/kg	2.4	0.10	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 20:56	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.95	0.13	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.48	0.10	1	05/28/16 10:00	05/31/16 17:43	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-17	Date Collected:	05/25/16 16:00
Client ID:	SS107	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	16		mg/kg	0.47	0.16	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS
Barium, Total	55		mg/kg	0.47	0.13	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.47	0.03	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS
Chromium, Total	38		mg/kg	0.47	0.08	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS
Lead, Total	13		mg/kg	2.4	0.10	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 20:58	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.95	0.13	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.47	0.10	1	05/28/16 10:00	05/31/16 17:47	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-18	Date Collected:	05/25/16 16:00
Client ID:	SS108	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13		mg/kg	0.46	0.15	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS
Barium, Total	42		mg/kg	0.46	0.12	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.46	0.03	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS
Chromium, Total	26		mg/kg	0.46	0.08	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS
Lead, Total	9.8		mg/kg	2.3	0.10	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	05/27/16 11:55	05/27/16 21:00	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.92	0.12	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.46	0.09	1	05/28/16 10:00	05/31/16 17:52	EPA 3050B	1,6010C	PS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

SAMPLE RESULTS

Lab ID:	L1616081-19	Date Collected:	05/25/16 16:00
Client ID:	SS-DUP	Date Received:	05/26/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	17		mg/kg	0.47	0.16	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS
Barium, Total	53		mg/kg	0.47	0.13	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.47	0.03	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS
Chromium, Total	36		mg/kg	0.47	0.08	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS
Lead, Total	14		mg/kg	2.4	0.10	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 21:02	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.95	0.13	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.47	0.10	1	05/28/16 10:00	05/31/16 17:56	EPA 3050B	1,6010C	PS

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081

Project Number: 131.06156.011 **Report Date:** 06/09/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-19 Batch: WG898363-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/27/16 11:55	05/27/16 20:11	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-19 Batch: WG898703-1										
Arsenic, Total	0.13	J	mg/kg	0.40	0.13	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS
Barium, Total	0.18	J	mg/kg	0.40	0.11	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.03	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.07	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.09	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.11	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.08	1	05/28/16 10:00	05/31/16 10:23	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-19 Batch: WG898363-2 SRM Lot Number: D088-540								
Mercury, Total	91		-		72-128	-		
Total Metals - Mansfield Lab Associated sample(s): 07-19 Batch: WG898703-2 SRM Lot Number: D088-540								
Arsenic, Total	114		-		79-121	-		
Barium, Total	105		-		83-117	-		
Cadmium, Total	107		-		83-117	-		
Chromium, Total	110		-		80-120	-		
Lead, Total	98		-		81-117	-		
Selenium, Total	108		-		78-122	-		
Silver, Total	110		-		75-124	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-19 QC Batch ID: WG898363-4 QC Sample: L1615955-01 Client ID: MS Sample												
Mercury, Total	0.03J	0.142	0.47	**331**	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 07-19 QC Batch ID: WG898703-4 QC Sample: L1616081-07 Client ID: B110-S1-052516												
Arsenic, Total	12.	9.62	22	104		-	-		75-125	-		20
Barium, Total	43.	160	190	92		-	-		75-125	-		20
Cadmium, Total	ND	4.09	3.2	78		-	-		75-125	-		20
Chromium, Total	19.	16	31	75		-	-		75-125	-		20
Lead, Total	2.6	40.9	38	86		-	-		75-125	-		20
Selenium, Total	ND	9.62	8.6	89		-	-		75-125	-		20
Silver, Total	ND	24	26	108		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-19 QC Batch ID: WG898363-3 QC Sample: L1615955-01 Client ID: DUP Sample						
Mercury, Total	0.03J	0.02J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 07-19 QC Batch ID: WG898703-3 QC Sample: L1616081-07 Client ID: B110-S1-052516						
Arsenic, Total	12.	15	mg/kg	**22**	Q	20
Barium, Total	43.	53	mg/kg	**21**	Q	20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	19.	19	mg/kg	0		20
Lead, Total	2.6	3.2	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-01
Client ID: B101-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 08:15
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-02
Client ID: B102-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 09:15
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-03
Client ID: B103-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 08:30
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-04
Client ID: B104-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 09:45
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-05
Client ID: B106-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 10:30
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-06
Client ID: B105-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 11:30
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-07
Client ID: B110-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 12:30
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.3		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-08
Client ID: B107-S1-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 13:20
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.7		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-09
Client ID: B111-S3-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 15:00
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-10
Client ID: B112-S3-052516
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 15:30
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-11
Client ID: SS101
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 15:20
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-12
Client ID: SS102
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 15:00
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-13
Client ID: SS103
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 15:30
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-14
Client ID: SS104
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 15:45
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.1		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-15
Client ID: SS105
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 14:00
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-16
Client ID: SS106
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 14:15
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-17
Client ID: SS107
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 16:00
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-18
Client ID: SS108
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 16:00
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

SAMPLE RESULTS

Lab ID: L1616081-19
Client ID: SS-DUP
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/25/16 16:00
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	05/28/16 01:12	121,2540G	VB

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-19 QC Batch ID: WG898645-1 QC Sample: L1616081-01 Client ID: B101-S1-052516						
Solids, Total	82.7	82.7	%	0		20

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 05/27/2016 01:06

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616081-01A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	VPH-DELUX-10(28)
L1616081-01B	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-01C	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-01D	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-02A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	VPH-DELUX-10(28)
L1616081-02B	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-02C	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-02D	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-03A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	VPH-DELUX-10(28)
L1616081-03B	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-03C	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-03D	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-04A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	VPH-DELUX-10(28)
L1616081-04B	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-04C	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-04D	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-05A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	VPH-DELUX-10(28)
L1616081-05B	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-05C	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-05D	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-06A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	VPH-DELUX-10(28)
L1616081-06B	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616081-06C	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-06D	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-07A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-07B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-07C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-07D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-07E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-07F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-07G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-08A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-08B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-08C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-08D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-08E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-08F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-08G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-09A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-09B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-09C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-09D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-09E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616081-09G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-10A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-10B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-10C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-10D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-10E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616081-10G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-11A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-11B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-11C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-11D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-11E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-11F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-11G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-12A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-12B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-12C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-12D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-12E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-12F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-12G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-13A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-13B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-13C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-13D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-13E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-13F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-13G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-14A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-14B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-14C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-14D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-14E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616081-14F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-14G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-15A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-15B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-15C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-15D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-15E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-15F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-15G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-16A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-16B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-16C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-16D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-16E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-16F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-16G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-17A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-17B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-17C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-17D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-17E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-17F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-17G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-18A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-18B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-18C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-18D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616081
Report Date: 06/09/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616081-18E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-18F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-18G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-19A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),VPH-10(28)
L1616081-19B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-19C	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14)
L1616081-19D	Plastic 2oz unpreserved for TS	A	N/A	3.5	Y	Absent	ME-TS-2540(7)
L1616081-19E	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-19F	Glass 60mL/2oz unpreserved	A	N/A	3.5	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616081-19G	Metals Only - Glass 60mL/2oz unp	A	N/A	3.5	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616081-20A	Vial MeOH preserved	A	N/A	3.5	Y	Absent	8260HLW(14),8260H(14)
L1616081-20B	Vial water preserved	A	N/A	3.5	Y	Absent	8260HLW(14),8260H(14)

*Values in parentheses indicate holding time in days

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616081
Project Number:	131.06156.011	**Report Date:**	06/09/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616081
Project Number: 131.06156.011 **Report Date:** 06/09/16

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

98 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, May 2004, Revision 1.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, July 2010.

100 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, May 2004, Revision 1.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, July 2010.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: ***8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:*** Lead***; 8270D:*** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 5/26/16

ALPHA Job #: L1616081

ALPHA ANALYTICAL
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Client Information

Client: Ransom Consulting
Address: 400 Commercial St. Suite 404, Portland, ME 04101
Phone: 207-772-2891
Email: stephen.dyer@ransomenv.com

Project Information

Project Name: Point East Maritime Village
Project Location: Birch Pt. Rd., Wiscasset
Project #: 131.06156.011
Project Manager: Steve Dyer
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #: 9033

Regulatory Requirements & Project Information Requirements

☐ Yes ☒ No MA MCP Analytical Methods ☐ Yes ☒ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☒ Other State /Fed Program MEDEP Criteria RAGs

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due:

Additional Project Information:
* USEPA/MEDEP Brownfields Project

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC: ☒ 8260 ☐ 624 ☐ 524.2	SVOC: ☐ ABN ☐ PAH	METALS: ☐ MCP 13	METALS: ☐ MCP 14 ☐ RCP 15 ☒ RCRA8 ☐ PP13	EPH: ☒ Ranges & Targets ☐ Ranges Only	VPH: ☒ Ranges & Targets ☐ Ranges Only	☒ PCB ☐ PEST	TPH: ☐ Quant Only ☐ Fingerprint	VPH Ranges Only						Sample Comments	TOTAL # BOTTLES
16081-01	B101-S1-052516	5/25/16	815	S	ARM					X	X	X									3
-02	B102-S1-052516	5/25/16	915	S	ARM					X	X	X									3
-03	B103-S1-052516	5/25/16	830	S	ARM					X	X	X									3
-04	B104-S1-052516	5/25/16	945	S	ARM					X	X	X									3
-05	B106-S1-052516	5/25/16	1030	S	ARM					X	X	X									3
-06	B105-S1-052516	5/25/16	1130	S	ARM					X	X	X									3
-07	B110-S1-052516	5/25/16	1230	S	ARM	X			X	X		X		X							7
-08	B107-S1-052516	5/25/16	1320	S	ARM	X			X	X		X		X							7
-09	B111-S3-052516	5/25/16	1500	S	ARM	X			X	X				X							6
-10	B112-S3-052516	5/25/16	1530	S	ARM	X			X	X				X							6
					Container Type	V			A	A	V	A		V							
					Preservative	F/O			A	A	F	A		F							

SAMPLE INFO
Filtration
☐ Field
☐ Lab to do
Preservation
☐ Lab to do

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5/26/16 1520	[signature]	5/26/16 1520
[signature]	5/26/16 1650	[signature]	5/26/16 1650
[signature]	5/26/16 1955	[signature]	5/26/16 1955

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 5/26/16

ALPHA Job #: L1616081

ALPHA ANALYTICAL
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Client Information

Client: Ransom Consulting
Address: 400 Commercial St. Suite 404
Portland ME
Phone: (207) 772-2891
Email: stephen.dyer@ransomenv.com

Project Information

Project Name: Point East Maratime Village
Project Location: Birch Point Rd. Wiscasset
Project #: 131.06156.011
Project Manager: Steve Dyer
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #: 9033

Regulatory Requirements & Project Information Requirements

☐ Yes ☒ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☒ Other State /Fed Program MEDEP Criteria RAGs

Additional Project Information:
* USEPA/MEDEP Brownfields Project

ANALYSIS: VOC: ☒ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☒ RCRA8 ☐ PP13; EPH: ☒ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☒ Ranges Only; ☒ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH							Sample Comments	TOTAL # BOTTLES
16081-11	SS101	5/25/16	15:20	S	EPP	X			X	X	X	X									7
-12	SS102	5/25/16	15:00	S	EPP	X			X	X	X	X									7
-13	SS103	5/25/16	15:30	S	EPP	X			X	X	X	X									7
-14	SS104	5/25/16	15:45	S	EPP	X			X	X	X	X									7
-15	SS105	5/25/16	14:00	S	EPP	X			X	X	X	X									7
-16	SS 106	5/25/16	14:15	S	EPP	X			X	X	X	X									7
-17	SS107	5/25/16	16:00	S	EPP	X			X	X	X	X									7
-18	SS108	5/25/16	16:00	S		X			X	X	X	X									7
-19	SS-DUP	5/25/16	16:00	S	EPP	X			X	X	X	X									7
-20	TRIP BLANK					X															
					Container Type	V			A	A	V	A									
					Preservative	F/O			A	A	F	A									

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H= $Na_2S_2O_3$
I= Ascorbic Acid
J= NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5/27/16 1520	[signature]	5/27/16 1520
[signature]	5/26/16 1650	[signature]	5/26/16 1650
[signature]	5/26/16 1755	[signature]	5/26/16 1755

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1616233
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Steve Dyer
Phone:	(207) 772-2891
Project Name:	POINT EAST MARITIME VILLAGE
Project Number:	131.06156.011
Report Date:	06/07/16

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1616233-01	TP201-S1-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 08:45	05/27/16
L1616233-02	TP202-S1-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 09:15	05/27/16
L1616233-03	TP203-S1-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 09:20	05/27/16
L1616233-04	TP203-S3-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 09:30	05/27/16
L1616233-05	TP204-S1-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 09:50	05/27/16
L1616233-06	TP205-S1-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 10:15	05/27/16
L1616233-07	TP206-S1-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 10:40	05/27/16
L1616233-08	TP204-S2-052616	SOIL	BIRCH POINT RD., WISCASSET, ME	05/26/16 10:00	05/27/16
L1616233-09	MAINTENANCE BLDG LBP-3	SOIL	BIRCH POINT RD., WISCASSET, ME	05/27/16 12:15	05/27/16
L1616233-10	PW103	WATER	BIRCH POINT RD., WISCASSET, ME	05/26/16 12:30	05/27/16
L1616233-11	PW104	WATER	BIRCH POINT RD., WISCASSET, ME	05/26/16 13:00	05/27/16
L1616233-12	PWDUP	WATER	BIRCH POINT RD., WISCASSET, ME	05/26/16 13:30	05/27/16
L1616233-13	PWBK	WATER	BIRCH POINT RD., WISCASSET, ME	05/26/16 14:00	05/27/16
L1616233-14	PW101	WATER	BIRCH POINT RD., WISCASSET, ME	05/27/16 11:30	05/27/16
L1616233-15	PW102	WATER	BIRCH POINT RD., WISCASSET, ME	05/27/16 12:00	05/27/16
L1616233-16	TRIP BLANK	WATER	BIRCH POINT RD., WISCASSET, ME	05/27/16 00:00	05/27/16
L1616233-17	TRIP BLANK	SOIL	BIRCH POINT RD., WISCASSET, ME	05/27/16 00:00	05/27/16

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233
Project Number: 131.06156.011 **Report Date:** 06/07/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233
Project Number: 131.06156.011 **Report Date:** 06/07/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

Trip Blanks were received in the laboratory, but not listed on the Chain of Custody, and were not analyzed.

VPH

L1616233-14 and -15: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L1616233-04 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG900991-4 MS recovery, performed on L1616233-09, is outside the acceptance criteria for lead (192%). A post digestion spike was performed and yielded an unacceptable recovery of 55%. This has been attributed to sample matrix.

The WG900991-3 Laboratory Duplicate RPD, performed on L1616233-09, is outside the acceptance criteria for lead (23%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Dissolved Metals

The WG899397-4 MS recovery, performed on L1616233-14, is outside the acceptance criteria for mercury (67%). A post digestion spike was performed and yielded an unacceptable recovery of 73%. This has been attributed to sample matrix.

The WG899922-4 MS recovery, performed on L1616233-10, is outside the acceptance criteria for silver (126%). A post digestion spike was performed and yielded an unacceptable recovery of 121%. This has been attributed to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/07/16

ORGANICS

VOLATILES

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-10
Client ID: PW103
Sample Location: BIRCH POINT RD., WISCASSET, ME

Date Collected: 05/26/16 12:30
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/06/16 14:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.29	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	1.0	0.17	1
Bromoform	0.37	J	ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.18	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-10 Date Collected: 05/26/16 12:30

Client ID: PW103 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	3.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	1.0	0.14	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.18	1
o-Chlorotoluene	ND		ug/l	1.0	0.17	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-10 Date Collected: 05/26/16 12:30

Client ID: PW103 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1
Ethyl ether	ND		ug/l	1.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-11
Client ID: PW104
Sample Location: BIRCH POINT RD., WISCASSET, ME

Date Collected: 05/26/16 13:00
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/06/16 15:16
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.29	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	0.22	J	ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	1.0	0.17	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.18	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-11 Date Collected: 05/26/16 13:00

Client ID: PW104 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	1.0	0.14	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.18	1
o-Chlorotoluene	ND		ug/l	1.0	0.17	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-11 Date Collected: 05/26/16 13:00

Client ID: PW104 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1
Ethyl ether	ND		ug/l	1.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-12
Client ID: PWDUP
Sample Location: BIRCH POINT RD., WISCASSET, ME

Date Collected: 05/26/16 13:30
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/06/16 15:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.29	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	0.21	J	ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	1.0	0.17	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.18	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-12 Date Collected: 05/26/16 13:30

Client ID: PWDUP Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	2.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	1.0	0.14	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.18	1
o-Chlorotoluene	ND		ug/l	1.0	0.17	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-12 Date Collected: 05/26/16 13:30

Client ID: PWDUP Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1
Ethyl ether	ND		ug/l	1.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-13
Client ID: PWBK
Sample Location: BIRCH POINT RD., WISCASSET, ME

Date Collected: 05/26/16 14:00
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/06/16 16:12
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.29	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	1.0		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	1.0	0.17	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.18	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-13 Date Collected: 05/26/16 14:00

Client ID: PWBK Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	2.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	1.0	0.14	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.18	1
o-Chlorotoluene	ND		ug/l	1.0	0.17	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-13 Date Collected: 05/26/16 14:00

Client ID: PWBK Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1
Ethyl ether	ND		ug/l	1.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-14
Client ID: PW101
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/06/16 16:40
Analyst: PD

Date Collected: 05/27/16 11:30
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.29	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	1.0	0.17	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.18	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-14 Date Collected: 05/27/16 11:30

Client ID: PW101 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	1.0	0.14	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.18	1
o-Chlorotoluene	ND		ug/l	1.0	0.17	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-14 Date Collected: 05/27/16 11:30

Client ID: PW101 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1
Ethyl ether	ND		ug/l	1.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-15
Client ID: PW102
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/06/16 17:09
Analyst: PD

Date Collected: 05/27/16 12:00
Date Received: 05/27/16
Field Prep: None

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.29	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	1.0	0.17	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.18	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-15 Date Collected: 05/27/16 12:00

Client ID: PW102 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: None

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,4-Dichlorobutane	ND		ug/l	5.0	0.46	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	3.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	0.31	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Ethyl methacrylate	ND		ug/l	5.0	0.61	1
Acrylonitrile	ND		ug/l	5.0	0.43	1
Bromochloromethane	ND		ug/l	1.0	0.14	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.18	1
o-Chlorotoluene	ND		ug/l	1.0	0.17	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-15 Date Collected: 05/27/16 12:00

Client ID: PW102 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: None

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17	1
Ethyl ether	ND		ug/l	1.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/16 12:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-15 Batch: WG901111-5					
Methylene chloride	ND		ug/l	3.0	0.29
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
2-Chloroethylvinyl ether	ND		ug/l	10	0.40
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	1.0	0.17
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.16
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.18
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/16 12:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-15 Batch: WG901111-5					
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.16
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
Iodomethane	ND		ug/l	5.0	0.25
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrolein	ND		ug/l	5.0	0.63
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	1.0	0.14
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/16 12:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-15 Batch: WG901111-5					
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.18
o-Chlorotoluene	ND		ug/l	1.0	0.17
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.33
Hexachlorobutadiene	0.48	J	ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	0.33	J	ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.17
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.13
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.17
Halothane	ND		ug/l	2.5	0.29
Ethyl ether	ND		ug/l	1.0	0.15
Methyl Acetate	ND		ug/l	10	0.23
Ethyl Acetate	ND		ug/l	10	0.72
Isopropyl Ether	ND		ug/l	1.0	0.42
Cyclohexane	ND		ug/l	10	0.27
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/06/16 12:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-15 Batch: WG901111-5					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	10	0.15
Methyl cyclohexane	ND		ug/l	10	0.40
Isopropyl Alcohol	ND		ug/l	25	8.5
p-Diethylbenzene	ND		ug/l	2.0	0.39
4-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-15 Batch: WG901111-3 WG901111-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	99		100		70-130	1		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	95		94		70-130	1		20
Dibromochloromethane	95		93		63-130	2		20
1,1,2-Trichloroethane	87		86		70-130	1		20
2-Chloroethylvinyl ether	**66**	Q	**64**	Q	70-130	3		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	96		96		75-130	0		25
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	94		93		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	88		86		70-130	2		20
cis-1,3-Dichloropropene	94		93		70-130	1		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	91		89		54-136	2		20
1,1,2,2-Tetrachloroethane	77		76		67-130	1		20
Benzene	100		100		70-130	0		25
Toluene	96		96		70-130	0		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-15 Batch: WG901111-3 WG901111-4								
Ethylbenzene	94		94		70-130	0		20
Chloromethane	130		130		64-130	0		20
Bromomethane	90		91		39-139	1		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		25
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		25
1,2-Dichlorobenzene	94		92		70-130	2		20
1,3-Dichlorobenzene	96		96		70-130	0		20
1,4-Dichlorobenzene	95		94		70-130	1		20
Methyl tert butyl ether	96		93		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		92		70-130	2		20
1,4-Dichlorobutane	79		77		70-130	3		20
Iodomethane	**67**	Q	70		70-130	4		20
1,2,3-Trichloropropane	80		78		64-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	**150**	Q	140		36-147	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-15 Batch: WG901111-3 WG901111-4								
Acetone	100		97		58-148	3		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	93		87		63-138	7		20
Vinyl acetate	78		77		70-130	1		20
4-Methyl-2-pentanone	84		84		59-130	0		20
2-Hexanone	69		69		57-130	0		20
Ethyl methacrylate	74		72		70-130	3		20
Acrolein	96		92		70-130	4		20
Acrylonitrile	94		89		70-130	5		20
Bromochloromethane	110		110		70-130	0		20
Tetrahydrofuran	91		86		58-130	6		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	92		90		70-130	2		20
1,3-Dichloropropane	87		86		70-130	1		20
1,1,1,2-Tetrachloroethane	97		96		64-130	1		20
Bromobenzene	97		96		70-130	1		20
n-Butylbenzene	88		89		53-136	1		20
sec-Butylbenzene	91		91		70-130	0		20
tert-Butylbenzene	95		94		70-130	1		20
o-Chlorotoluene	81		81		70-130	0		20
p-Chlorotoluene	89		88		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-15 Batch: WG901111-3 WG901111-4								
1,2-Dibromo-3-chloropropane	86		82		41-144	5		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	93		93		70-130	0		20
p-Isopropyltoluene	96		96		70-130	0		20
Naphthalene	93		88		70-130	6		20
n-Propylbenzene	88		88		69-130	0		20
1,2,3-Trichlorobenzene	98		95		70-130	3		20
1,2,4-Trichlorobenzene	99		96		70-130	3		20
1,3,5-Trimethylbenzene	94		94		64-130	0		20
1,3,5-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trimethylbenzene	94		94		70-130	0		20
trans-1,4-Dichloro-2-butene	**65**	Q	**62**	Q	70-130	5		20
Halothane	110		110		70-130	0		20
Ethyl ether	100		100		59-134	0		20
Methyl Acetate	90		92		70-130	2		20
Ethyl Acetate	85		83		70-130	2		20
Isopropyl Ether	96		95		70-130	1		20
Cyclohexane	100		100		70-130	0		20
Tert-Butyl Alcohol	96		92		70-130	4		20
Ethyl-Tert-Butyl-Ether	95		93		70-130	2		20
Tertiary-Amyl Methyl Ether	90		88		66-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-15 Batch: WG901111-3 WG901111-4								
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		110		70-130	0		20
iso-Butyl Alcohol	**370**	Q	**370**	Q	70-130	0		20
Methyl cyclohexane	99		99		70-130	0		20
Isopropyl Alcohol	**520**	Q	**480**	Q	70-130	8		20
p-Diethylbenzene	98		98		70-130	0		20
4-Ethyltoluene	94		94		70-130	0		20
1,2,4,5-Tetramethylbenzene	99		99		70-130	0		20
sec-Butyl Alcohol	98		90		70-130	9		20
4-Penten-2-Ol	110		100		70-130	10		20
2-Methyl-2-Butanol	86		80		70-130	7		20
4-Methyl-2-Pentanol	**62**	Q	**60**	Q	70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	101		100		70-130

PETROLEUM HYDROCARBONS

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-01			Date Collected:	05/26/16 08:45
Client ID:	TP201-S1-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 08:04	M.S. Analytical Date:	06/03/16 20:56	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	82%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.04	8.04	1
C19-C36 Aliphatics	15.5		mg/kg	8.04	8.04	1
C11-C22 Aromatics	15.9		mg/kg	8.04	8.04	1
C11-C22 Aromatics, Adjusted	14.6		mg/kg	8.04	8.04	1
Naphthalene	0.021	J	mg/kg	0.032	0.008	1
2-Methylnaphthalene	0.019	J	mg/kg	0.032	0.004	1
Acenaphthylene	0.010	J	mg/kg	0.032	0.004	1
Acenaphthene	0.008	J	mg/kg	0.032	0.003	1
Fluorene	0.011	J	mg/kg	0.032	0.003	1
Phenanthrene	0.129		mg/kg	0.032	0.004	1
Anthracene	0.027	J	mg/kg	0.032	0.003	1
Fluoranthene	0.226		mg/kg	0.032	0.005	1
Pyrene	0.182		mg/kg	0.032	0.005	1
Benzo(a)anthracene	0.095		mg/kg	0.032	0.003	1
Chrysene	0.123		mg/kg	0.032	0.011	1
Benzo(b)fluoranthene	0.141		mg/kg	0.032	0.010	1
Benzo(k)fluoranthene	0.142		mg/kg	0.032	0.012	1
Benzo(a)pyrene	0.091		mg/kg	0.032	0.002	1
Indeno(1,2,3-cd)Pyrene	0.057		mg/kg	0.032	0.010	1
Dibenzo(a,h)anthracene	0.017	J	mg/kg	0.032	0.010	1
Benzo(ghi)perylene	0.070		mg/kg	0.032	0.012	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-01	Date Collected:	05/26/16 08:45
Client ID:	TP201-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	81		40-140
2-Fluorobiphenyl	87		40-140
2-Bromonaphthalene	95		40-140
O-Terphenyl-MS	69		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-02			Date Collected:	05/26/16 09:15
Client ID:	TP202-S1-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 08:36	M.S. Analytical Date:	06/03/16 21:20	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	75%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.86	8.86	1
C19-C36 Aliphatics	ND		mg/kg	8.86	8.86	1
C11-C22 Aromatics	26.1		mg/kg	8.86	8.86	1
C11-C22 Aromatics, Adjusted	18.9		mg/kg	8.86	8.86	1
Naphthalene	0.115		mg/kg	0.035	0.009	1
2-Methylnaphthalene	0.044		mg/kg	0.035	0.005	1
Acenaphthylene	0.012	J	mg/kg	0.035	0.004	1
Acenaphthene	0.135		mg/kg	0.035	0.003	1
Fluorene	0.142		mg/kg	0.035	0.003	1
Phenanthrene	1.08		mg/kg	0.035	0.004	1
Anthracene	0.266		mg/kg	0.035	0.003	1
Fluoranthene	1.34		mg/kg	0.035	0.005	1
Pyrene	1.02		mg/kg	0.035	0.005	1
Benzo(a)anthracene	0.513		mg/kg	0.035	0.003	1
Chrysene	0.512		mg/kg	0.035	0.013	1
Benzo(b)fluoranthene	0.635		mg/kg	0.035	0.011	1
Benzo(k)fluoranthene	0.213		mg/kg	0.035	0.014	1
Benzo(a)pyrene	0.479		mg/kg	0.035	0.003	1
Indeno(1,2,3-cd)Pyrene	0.295		mg/kg	0.035	0.011	1
Dibenzo(a,h)anthracene	0.086		mg/kg	0.035	0.011	1
Benzo(ghi)perylene	0.342		mg/kg	0.035	0.013	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-02	Date Collected:	05/26/16 09:15
Client ID:	TP202-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	82		40-140
2-Fluorobiphenyl	82		40-140
2-Bromonaphthalene	89		40-140
O-Terphenyl-MS	68		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-03			Date Collected:	05/26/16 09:20
Client ID:	TP203-S1-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 09:08	M.S. Analytical Date:	06/03/16 21:45	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	90%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.27	7.27	1
C19-C36 Aliphatics	14.6		mg/kg	7.27	7.27	1
C11-C22 Aromatics	37.8		mg/kg	7.27	7.27	1
C11-C22 Aromatics, Adjusted	28.3		mg/kg	7.27	7.27	1
Naphthalene	0.257		mg/kg	0.029	0.007	1
2-Methylnaphthalene	0.104		mg/kg	0.029	0.004	1
Acenaphthylene	0.073		mg/kg	0.029	0.004	1
Acenaphthene	0.241		mg/kg	0.029	0.002	1
Fluorene	0.244		mg/kg	0.029	0.003	1
Phenanthrene	1.52		mg/kg	0.029	0.003	1
Anthracene	0.393		mg/kg	0.029	0.002	1
Fluoranthene	1.59		mg/kg	0.029	0.004	1
Pyrene	1.37		mg/kg	0.029	0.004	1
Benzo(a)anthracene	0.612		mg/kg	0.029	0.003	1
Chrysene	0.629		mg/kg	0.029	0.010	1
Benzo(b)fluoranthene	0.724		mg/kg	0.029	0.009	1
Benzo(k)fluoranthene	0.228		mg/kg	0.029	0.011	1
Benzo(a)pyrene	0.600		mg/kg	0.029	0.002	1
Indeno(1,2,3-cd)Pyrene	0.354		mg/kg	0.029	0.009	1
Dibenzo(a,h)anthracene	0.105		mg/kg	0.029	0.009	1
Benzo(ghi)perylene	0.442		mg/kg	0.029	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-03	Date Collected:	05/26/16 09:20
Client ID:	TP203-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	74		40-140
2-Bromonaphthalene	80		40-140
O-Terphenyl-MS	61		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-04			Date Collected:	05/26/16 09:30
Client ID:	TP203-S3-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 09:40	M.S. Analytical Date:	06/03/16 22:10	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	78%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	30.4		mg/kg	8.15	8.15	1
C19-C36 Aliphatics	23.3		mg/kg	8.15	8.15	1
C11-C22 Aromatics	63.6		mg/kg	8.15	8.15	1
C11-C22 Aromatics, Adjusted	61.5		mg/kg	8.15	8.15	1
Naphthalene	0.191		mg/kg	0.033	0.008	1
2-Methylnaphthalene	0.347		mg/kg	0.033	0.004	1
Acenaphthylene	0.017	J	mg/kg	0.033	0.004	1
Acenaphthene	0.024	J	mg/kg	0.033	0.003	1
Fluorene	0.065		mg/kg	0.033	0.003	1
Phenanthrene	0.542		mg/kg	0.033	0.004	1
Anthracene	0.023	J	mg/kg	0.033	0.003	1
Fluoranthene	0.132		mg/kg	0.033	0.005	1
Pyrene	0.142		mg/kg	0.033	0.005	1
Benzo(a)anthracene	0.073		mg/kg	0.033	0.003	1
Chrysene	0.396		mg/kg	0.033	0.012	1
Benzo(b)fluoranthene	0.122		mg/kg	0.033	0.010	1
Benzo(k)fluoranthene	0.021	J	mg/kg	0.033	0.012	1
Benzo(a)pyrene	0.041		mg/kg	0.033	0.002	1
Indeno(1,2,3-cd)Pyrene	0.025	J	mg/kg	0.033	0.010	1
Dibenzo(a,h)anthracene	0.019	J	mg/kg	0.033	0.010	1
Benzo(ghi)perylene	0.043		mg/kg	0.033	0.012	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-04	Date Collected:	05/26/16 09:30
Client ID:	TP203-S3-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	88		40-140
2-Fluorobiphenyl	76		40-140
2-Bromonaphthalene	85		40-140
O-Terphenyl-MS	63		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-05			Date Collected:	05/26/16 09:50
Client ID:	TP204-S1-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 10:12	M.S. Analytical Date:	06/03/16 22:35	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	93%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.13	7.13	1
C19-C36 Aliphatics	21.5		mg/kg	7.13	7.13	1
C11-C22 Aromatics	52.3		mg/kg	7.13	7.13	1
C11-C22 Aromatics, Adjusted	46.0		mg/kg	7.13	7.13	1
Naphthalene	0.118		mg/kg	0.029	0.007	1
2-Methylnaphthalene	0.098		mg/kg	0.029	0.004	1
Acenaphthylene	0.198		mg/kg	0.029	0.004	1
Acenaphthene	0.046		mg/kg	0.029	0.002	1
Fluorene	0.076		mg/kg	0.029	0.003	1
Phenanthrene	0.671		mg/kg	0.029	0.003	1
Anthracene	0.167		mg/kg	0.029	0.002	1
Fluoranthene	0.887		mg/kg	0.029	0.004	1
Pyrene	0.981		mg/kg	0.029	0.004	1
Benzo(a)anthracene	0.422		mg/kg	0.029	0.003	1
Chrysene	0.543		mg/kg	0.029	0.010	1
Benzo(b)fluoranthene	0.548		mg/kg	0.029	0.009	1
Benzo(k)fluoranthene	0.177		mg/kg	0.029	0.011	1
Benzo(a)pyrene	0.468		mg/kg	0.029	0.002	1
Indeno(1,2,3-cd)Pyrene	0.314		mg/kg	0.029	0.009	1
Dibenzo(a,h)anthracene	0.091		mg/kg	0.029	0.009	1
Benzo(ghi)perylene	0.438		mg/kg	0.029	0.010	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-05	Date Collected:	05/26/16 09:50
Client ID:	TP204-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	81		40-140
o-Terphenyl	101		40-140
2-Fluorobiphenyl	88		40-140
2-Bromonaphthalene	96		40-140
O-Terphenyl-MS	64		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-06			Date Collected:	05/26/16 10:15
Client ID:	TP205-S1-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 10:45	M.S. Analytical Date:	06/03/16 23:00	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	85%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.52	7.52	1
C19-C36 Aliphatics	ND		mg/kg	7.52	7.52	1
C11-C22 Aromatics	ND		mg/kg	7.52	7.52	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.52	7.52	1
Naphthalene	ND		mg/kg	0.030	0.007	1
2-Methylnaphthalene	ND		mg/kg	0.030	0.004	1
Acenaphthylene	ND		mg/kg	0.030	0.004	1
Acenaphthene	ND		mg/kg	0.030	0.002	1
Fluorene	ND		mg/kg	0.030	0.003	1
Phenanthrene	ND		mg/kg	0.030	0.003	1
Anthracene	ND		mg/kg	0.030	0.003	1
Fluoranthene	ND		mg/kg	0.030	0.004	1
Pyrene	ND		mg/kg	0.030	0.004	1
Benzo(a)anthracene	ND		mg/kg	0.030	0.003	1
Chrysene	ND		mg/kg	0.030	0.011	1
Benzo(b)fluoranthene	ND		mg/kg	0.030	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.030	0.012	1
Benzo(a)pyrene	ND		mg/kg	0.030	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.030	0.009	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.030	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.030	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-06	Date Collected:	05/26/16 10:15
Client ID:	TP205-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	66		40-140
o-Terphenyl	68		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	86		40-140
O-Terphenyl-MS	59		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-07			Date Collected:	05/26/16 10:40
Client ID:	TP206-S1-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/06/16 21:31
Analytical Date:	06/07/16 16:11	M.S. Analytical Date:	06/07/16 14:31	Cleanup Method1:	EPH-04-1
Analyst:	DV	M.S. Analyst:	KV	Cleanup Date1:	06/07/16
Percent Solids:	92%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	6.99	6.99	1
C19-C36 Aliphatics	11.3		mg/kg	6.99	6.99	1
C11-C22 Aromatics	20.2		mg/kg	6.99	6.99	1
C11-C22 Aromatics, Adjusted	16.3		mg/kg	6.99	6.99	1
Naphthalene	0.121		mg/kg	0.028	0.007	1
2-Methylnaphthalene	0.075		mg/kg	0.028	0.004	1
Acenaphthylene	0.195		mg/kg	0.028	0.003	1
Acenaphthene	0.008	J	mg/kg	0.028	0.002	1
Fluorene	0.018	J	mg/kg	0.028	0.003	1
Phenanthrene	0.280		mg/kg	0.028	0.003	1
Anthracene	0.093		mg/kg	0.028	0.002	1
Fluoranthene	0.489		mg/kg	0.028	0.004	1
Pyrene	0.631		mg/kg	0.028	0.004	1
Benzo(a)anthracene	0.266		mg/kg	0.028	0.003	1
Chrysene	0.348		mg/kg	0.028	0.010	1
Benzo(b)fluoranthene	0.403		mg/kg	0.028	0.009	1
Benzo(k)fluoranthene	0.099		mg/kg	0.028	0.011	1
Benzo(a)pyrene	0.325		mg/kg	0.028	0.002	1
Indeno(1,2,3-cd)Pyrene	0.205		mg/kg	0.028	0.009	1
Dibenzo(a,h)anthracene	0.062		mg/kg	0.028	0.009	1
Benzo(ghi)perylene	0.274		mg/kg	0.028	0.010	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-07	Date Collected:	05/26/16 10:40
Client ID:	TP206-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	79		40-140
o-Terphenyl	69		40-140
2-Fluorobiphenyl	71		40-140
2-Bromonaphthalene	73		40-140
O-Terphenyl-MS	75		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-08			Date Collected:	05/26/16 10:00
Client ID:	TP204-S2-052616			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Soil			Extraction Method:	EPA 3546
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 07:49
Analytical Date:	06/05/16 11:17	M.S. Analytical Date:	06/03/16 23:25	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16
Percent Solids:	85%				

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.69	7.69	1
C19-C36 Aliphatics	ND		mg/kg	7.69	7.69	1
C11-C22 Aromatics	13.6		mg/kg	7.69	7.69	1
C11-C22 Aromatics, Adjusted	13.2		mg/kg	7.69	7.69	1
Naphthalene	0.057		mg/kg	0.031	0.008	1
2-Methylnaphthalene	0.064		mg/kg	0.031	0.004	1
Acenaphthylene	0.004	J	mg/kg	0.031	0.004	1
Acenaphthene	0.006	J	mg/kg	0.031	0.003	1
Fluorene	0.013	J	mg/kg	0.031	0.003	1
Phenanthrene	0.098		mg/kg	0.031	0.004	1
Anthracene	0.0090	J	mg/kg	0.031	0.003	1
Fluoranthene	0.041		mg/kg	0.031	0.005	1
Pyrene	0.039		mg/kg	0.031	0.004	1
Benzo(a)anthracene	0.023	J	mg/kg	0.031	0.003	1
Chrysene	0.069		mg/kg	0.031	0.011	1
Benzo(b)fluoranthene	0.028	J	mg/kg	0.031	0.010	1
Benzo(k)fluoranthene	ND		mg/kg	0.031	0.012	1
Benzo(a)pyrene	0.015	J	mg/kg	0.031	0.002	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.031	0.010	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	0.009	1
Benzo(ghi)perylene	ND		mg/kg	0.031	0.011	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-08	Date Collected:	05/26/16 10:00
Client ID:	TP204-S2-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	67		40-140
2-Fluorobiphenyl	70		40-140
2-Bromonaphthalene	78		40-140
O-Terphenyl-MS	56		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-10	Date Collected:	05/26/16 12:30
Client ID:	PW103	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/05/16 19:56		
Analyst:	KD		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	115		70-130
2,5-Dibromotoluene-FID	**147**	Q	70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-10			Date Collected:	05/26/16 12:30
Client ID:	PW103			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water			Extraction Method:	EPA 3510C
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 21:35
Analytical Date:	06/04/16 15:56	M.S. Analytical Date:	06/04/16 15:49	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	0.250	J	ug/l	0.400	0.136	1
2-Methylnaphthalene	0.122	J	ug/l	0.400	0.077	1
Acenaphthylene	ND		ug/l	0.400	0.054	1
Acenaphthene	ND		ug/l	0.400	0.091	1
Fluorene	ND		ug/l	0.400	0.097	1
Phenanthrene	ND		ug/l	0.400	0.084	1
Anthracene	ND		ug/l	0.400	0.079	1
Fluoranthene	ND		ug/l	0.400	0.121	1
Pyrene	ND		ug/l	0.400	0.114	1
Benzo(a)anthracene	ND		ug/l	0.400	0.088	1
Chrysene	ND		ug/l	0.400	0.102	1
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102	1
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126	1
Benzo(a)pyrene	ND		ug/l	0.200	0.072	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091	1
Benzo(ghi)perylene	ND		ug/l	0.400	0.102	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-10	Date Collected:	05/26/16 12:30
Client ID:	PW103	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	101		40-140
2-Fluorobiphenyl	98		40-140
2-Bromonaphthalene	95		40-140
O-Terphenyl-MS	83		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-11	Date Collected:	05/26/16 13:00
Client ID:	PW104	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/05/16 20:36		
Analyst:	KD		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	**134**	Q	70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-11			Date Collected:	05/26/16 13:00
Client ID:	PW104			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water			Extraction Method:	EPA 3510C
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 21:35
Analytical Date:	06/04/16 16:28	M.S. Analytical Date:	06/04/16 16:19	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	0.400	0.136	1
2-Methylnaphthalene	ND		ug/l	0.400	0.077	1
Acenaphthylene	ND		ug/l	0.400	0.054	1
Acenaphthene	ND		ug/l	0.400	0.091	1
Fluorene	ND		ug/l	0.400	0.097	1
Phenanthrene	ND		ug/l	0.400	0.084	1
Anthracene	ND		ug/l	0.400	0.079	1
Fluoranthene	ND		ug/l	0.400	0.121	1
Pyrene	ND		ug/l	0.400	0.114	1
Benzo(a)anthracene	ND		ug/l	0.400	0.088	1
Chrysene	ND		ug/l	0.400	0.102	1
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102	1
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126	1
Benzo(a)pyrene	ND		ug/l	0.200	0.072	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091	1
Benzo(ghi)perylene	ND		ug/l	0.400	0.102	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-11	Date Collected:	05/26/16 13:00
Client ID:	PW104	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	87		40-140
2-Fluorobiphenyl	92		40-140
2-Bromonaphthalene	93		40-140
O-Terphenyl-MS	70		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-12	Date Collected:	05/26/16 13:30
Client ID:	PWDUP	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/05/16 21:16		
Analyst:	KD		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	109		70-130
2,5-Dibromotoluene-FID	**135**	Q	70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-12			Date Collected:	05/26/16 13:30
Client ID:	PWDUP			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water			Extraction Method:	EPA 3510C
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 21:35
Analytical Date:	06/04/16 17:00	M.S. Analytical Date:	06/04/16 16:49	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	0.400	0.136	1
2-Methylnaphthalene	ND		ug/l	0.400	0.077	1
Acenaphthylene	ND		ug/l	0.400	0.054	1
Acenaphthene	ND		ug/l	0.400	0.091	1
Fluorene	ND		ug/l	0.400	0.097	1
Phenanthrene	ND		ug/l	0.400	0.084	1
Anthracene	ND		ug/l	0.400	0.079	1
Fluoranthene	ND		ug/l	0.400	0.121	1
Pyrene	ND		ug/l	0.400	0.114	1
Benzo(a)anthracene	ND		ug/l	0.400	0.088	1
Chrysene	ND		ug/l	0.400	0.102	1
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102	1
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126	1
Benzo(a)pyrene	ND		ug/l	0.200	0.072	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091	1
Benzo(ghi)perylene	ND		ug/l	0.400	0.102	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-12	Date Collected:	05/26/16 13:30
Client ID:	PWDUP	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	80		40-140
o-Terphenyl	87		40-140
2-Fluorobiphenyl	96		40-140
2-Bromonaphthalene	93		40-140
O-Terphenyl-MS	77		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-13	Date Collected:	05/26/16 14:00
Client ID:	PWBK	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/05/16 21:56		
Analyst:	KD		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	101		70-130
2,5-Dibromotoluene-FID	126		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-13			Date Collected:	05/26/16 14:00
Client ID:	PWBK			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Field Filtered (Dissolved Metals)
Matrix:	Water			Extraction Method:	EPA 3510C
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 21:35
Analytical Date:	06/04/16 17:32	M.S. Analytical Date:	06/04/16 17:19	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	0.400	0.136	1
2-Methylnaphthalene	ND		ug/l	0.400	0.077	1
Acenaphthylene	ND		ug/l	0.400	0.054	1
Acenaphthene	ND		ug/l	0.400	0.091	1
Fluorene	ND		ug/l	0.400	0.097	1
Phenanthrene	ND		ug/l	0.400	0.084	1
Anthracene	ND		ug/l	0.400	0.079	1
Fluoranthene	ND		ug/l	0.400	0.121	1
Pyrene	ND		ug/l	0.400	0.114	1
Benzo(a)anthracene	ND		ug/l	0.400	0.088	1
Chrysene	ND		ug/l	0.400	0.102	1
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102	1
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126	1
Benzo(a)pyrene	ND		ug/l	0.200	0.072	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091	1
Benzo(ghi)perylene	ND		ug/l	0.400	0.102	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-13	Date Collected:	05/26/16 14:00
Client ID:	PWBK	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	47		40-140
o-Terphenyl	67		40-140
2-Fluorobiphenyl	89		40-140
2-Bromonaphthalene	89		40-140
O-Terphenyl-MS	60		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-14			Date Collected:	05/27/16 11:30
Client ID:	PW101			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	Not Specified
Matrix:	Water			Extraction Method:	EPA 3510C
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 21:35
Analytical Date:	06/04/16 18:08	M.S. Analytical Date:	06/04/16 17:49	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	0.400	0.136	1
2-Methylnaphthalene	ND		ug/l	0.400	0.077	1
Acenaphthylene	ND		ug/l	0.400	0.054	1
Acenaphthene	ND		ug/l	0.400	0.091	1
Fluorene	ND		ug/l	0.400	0.097	1
Phenanthrene	ND		ug/l	0.400	0.084	1
Anthracene	ND		ug/l	0.400	0.079	1
Fluoranthene	ND		ug/l	0.400	0.121	1
Pyrene	ND		ug/l	0.400	0.114	1
Benzo(a)anthracene	ND		ug/l	0.400	0.088	1
Chrysene	ND		ug/l	0.400	0.102	1
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102	1
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126	1
Benzo(a)pyrene	ND		ug/l	0.200	0.072	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091	1
Benzo(ghi)perylene	ND		ug/l	0.400	0.102	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-14	Date Collected:	05/27/16 11:30
Client ID:	PW101	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	69		40-140
o-Terphenyl	90		40-140
2-Fluorobiphenyl	94		40-140
2-Bromonaphthalene	94		40-140
O-Terphenyl-MS	74		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-14 D	Date Collected:	05/27/16 11:30
Client ID:	PW101	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/05/16 22:36		
Analyst:	KD		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	250	250.	5
C9-C12 Aliphatics	ND		ug/l	250	250.	5
C9-C10 Aromatics	ND		ug/l	250	250.	5
C5-C8 Aliphatics, Adjusted	ND		ug/l	250	250.	5
C9-C12 Aliphatics, Adjusted	ND		ug/l	250	250.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	103		70-130
2,5-Dibromotoluene-FID	128		70-130

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-15			Date Collected:	05/27/16 12:00
Client ID:	PW102			Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME			Field Prep:	None
Matrix:	Water			Extraction Method:	EPA 3510C
Analytical Method:	98,EPH-04-1.1			Extraction Date:	06/02/16 21:35
Analytical Date:	06/04/16 18:40	M.S. Analytical Date:	06/04/16 18:18	Cleanup Method1:	EPH-04-1
Analyst:	SR	M.S. Analyst:	KV	Cleanup Date1:	06/03/16

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
EPH w/MS Targets - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	0.400	0.136	1
2-Methylnaphthalene	ND		ug/l	0.400	0.077	1
Acenaphthylene	ND		ug/l	0.400	0.054	1
Acenaphthene	ND		ug/l	0.400	0.091	1
Fluorene	ND		ug/l	0.400	0.097	1
Phenanthrene	ND		ug/l	0.400	0.084	1
Anthracene	ND		ug/l	0.400	0.079	1
Fluoranthene	ND		ug/l	0.400	0.121	1
Pyrene	ND		ug/l	0.400	0.114	1
Benzo(a)anthracene	ND		ug/l	0.400	0.088	1
Chrysene	ND		ug/l	0.400	0.102	1
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102	1
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126	1
Benzo(a)pyrene	ND		ug/l	0.200	0.072	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091	1
Benzo(ghi)perylene	ND		ug/l	0.400	0.102	1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-15	Date Collected:	05/27/16 12:00
Client ID:	PW102	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	None

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

EPH w/MS Targets - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	74		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	79		40-140
O-Terphenyl-MS	78		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-15 D	Date Collected:	05/27/16 12:00
Client ID:	PW102	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	None
Matrix:	Water		
Analytical Method:	100,VPH-04-1.1		
Analytical Date:	06/05/16 23:16		
Analyst:	KD		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	250	250.	5
C9-C12 Aliphatics	ND		ug/l	250	250.	5
C9-C10 Aromatics	ND		ug/l	250	250.	5
C5-C8 Aliphatics, Adjusted	ND		ug/l	250	250.	5
C9-C12 Aliphatics, Adjusted	ND		ug/l	250	250.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	104		70-130
2,5-Dibromotoluene-FID	130		70-130

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/04/16 07:38
Analyst: DG
M.S. Analytical Date: 06/03/16 19:16
M.S. Analyst: KV
Extraction Method: EPA 3546
Extraction Date: 06/02/16 07:49
Cleanup Method: EPH-04-1
Cleanup Date: 06/03/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 01-06,08 Batch: WG899738-1					
C9-C18 Aliphatics	ND		mg/kg	6.54	6.54
C19-C36 Aliphatics	ND		mg/kg	6.54	6.54
C11-C22 Aromatics	ND		mg/kg	6.54	6.54
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.54	6.54
Naphthalene	ND		mg/kg	0.026	0.006
2-Methylnaphthalene	ND		mg/kg	0.026	0.003
Acenaphthylene	ND		mg/kg	0.026	0.003
Acenaphthene	ND		mg/kg	0.026	0.002
Fluorene	ND		mg/kg	0.026	0.002
Phenanthrene	ND		mg/kg	0.026	0.003
Anthracene	ND		mg/kg	0.026	0.002
Fluoranthene	ND		mg/kg	0.026	0.004
Pyrene	ND		mg/kg	0.026	0.004
Benzo(a)anthracene	ND		mg/kg	0.026	0.002
Chrysene	ND		mg/kg	0.026	0.009
Benzo(b)fluoranthene	ND		mg/kg	0.026	0.008
Benzo(k)fluoranthene	ND		mg/kg	0.026	0.010
Benzo(a)pyrene	ND		mg/kg	0.026	0.002
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.026	0.008
Dibenzo(a,h)anthracene	ND		mg/kg	0.026	0.008
Benzo(ghi)perylene	ND		mg/kg	0.026	0.009

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/04/16 07:38 06/03/16 19:16
Analyst: DG KV

Extraction Method: EPA 3546
Extraction Date: 06/02/16 07:49
Cleanup Method: EPH-04-1
Cleanup Date: 06/03/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 01-06,08 Batch: WG899738-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	67		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	64		40-140
2-Bromonaphthalene	72		40-140
O-Terphenyl-MS	60		40-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/04/16 14:19
Analyst: SR

M.S. Analytical Date: 06/04/16 14:21
M.S. Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 06/02/16 21:35
Cleanup Method: EPH-04-1
Cleanup Date: 06/03/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 10-15 Batch: WG900089-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.
Naphthalene	ND		ug/l	0.400	0.136
2-Methylnaphthalene	ND		ug/l	0.400	0.077
Acenaphthylene	ND		ug/l	0.400	0.054
Acenaphthene	ND		ug/l	0.400	0.091
Fluorene	ND		ug/l	0.400	0.097
Phenanthrene	ND		ug/l	0.400	0.084
Anthracene	ND		ug/l	0.400	0.079
Fluoranthene	ND		ug/l	0.400	0.121
Pyrene	ND		ug/l	0.400	0.114
Benzo(a)anthracene	ND		ug/l	0.400	0.088
Chrysene	ND		ug/l	0.400	0.102
Benzo(b)fluoranthene	ND		ug/l	0.400	0.102
Benzo(k)fluoranthene	ND		ug/l	0.400	0.126
Benzo(a)pyrene	ND		ug/l	0.200	0.072
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	0.095
Dibenzo(a,h)anthracene	ND		ug/l	0.400	0.091
Benzo(ghi)perylene	ND		ug/l	0.400	0.102

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/04/16 14:19 06/04/16 14:21
Analyst: SR KV

Extraction Method: EPA 3510C
Extraction Date: 06/02/16 21:35
Cleanup Method: EPH-04-1
Cleanup Date: 06/03/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 10-15 Batch: WG900089-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	88		40-140
o-Terphenyl	103		40-140
2-Fluorobiphenyl	119		40-140
2-Bromonaphthalene	116		40-140
O-Terphenyl-MS	75		40-140

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 100,VPH-04-1.1
Analytical Date: 06/05/16 10:09
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 10-15 Batch: WG900980-3					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	91		70-130
2,5-Dibromotoluene-FID	113		70-130

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/07/16 14:34
Analyst: DV

M.S. Analytical Date: 06/07/16 13:15
M.S. Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 06/06/16 21:31
Cleanup Method: EPH-04-1
Cleanup Date: 06/07/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 07 Batch: WG901138-1					
C9-C18 Aliphatics	ND		mg/kg	6.33	6.33
C19-C36 Aliphatics	ND		mg/kg	6.33	6.33
C11-C22 Aromatics	ND		mg/kg	6.33	6.33
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.33	6.33
Naphthalene	ND		mg/kg	0.025	0.006
2-Methylnaphthalene	ND		mg/kg	0.025	0.003
Acenaphthylene	ND		mg/kg	0.025	0.003
Acenaphthene	ND		mg/kg	0.025	0.002
Fluorene	ND		mg/kg	0.025	0.002
Phenanthrene	ND		mg/kg	0.025	0.003
Anthracene	ND		mg/kg	0.025	0.002
Fluoranthene	ND		mg/kg	0.025	0.004
Pyrene	ND		mg/kg	0.025	0.004
Benzo(a)anthracene	ND		mg/kg	0.025	0.002
Chrysene	ND		mg/kg	0.025	0.009
Benzo(b)fluoranthene	ND		mg/kg	0.025	0.008
Benzo(k)fluoranthene	ND		mg/kg	0.025	0.010
Benzo(a)pyrene	ND		mg/kg	0.025	0.002
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.025	0.008
Dibenzo(a,h)anthracene	ND		mg/kg	0.025	0.008
Benzo(ghi)perylene	ND		mg/kg	0.025	0.009

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 98,EPH-04-1.1
Analytical Date: 06/07/16 14:34 06/07/16 13:15
Analyst: DV KV

Extraction Method: EPA 3546
Extraction Date: 06/06/16 21:31
Cleanup Method: EPH-04-1
Cleanup Date: 06/07/16

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/MS Targets - Westborough Lab for sample(s): 07 Batch: WG901138-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	74		40-140
o-Terphenyl	73		40-140
2-Fluorobiphenyl	82		40-140
2-Bromonaphthalene	83		40-140
O-Terphenyl-MS	66		40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 01-06,08 Batch: WG899738-2 WG899738-3								
C9-C18 Aliphatics	89		88		40-140	1		25
C19-C36 Aliphatics	85		91		40-140	7		25
C11-C22 Aromatics	63		70		40-140	11		25
Naphthalene	66		66		40-140	0		25
2-Methylnaphthalene	70		70		40-140	0		25
Acenaphthylene	71		69		40-140	3		25
Acenaphthene	64		63		40-140	2		25
Fluorene	74		71		40-140	4		25
Phenanthrene	70		68		40-140	3		25
Anthracene	72		69		40-140	4		25
Fluoranthene	78		75		40-140	4		25
Pyrene	74		72		40-140	3		25
Benzo(a)anthracene	66		62		40-140	6		25
Chrysene	69		65		40-140	6		25
Benzo(b)fluoranthene	69		66		40-140	4		25
Benzo(k)fluoranthene	68		63		40-140	8		25
Benzo(a)pyrene	63		60		40-140	5		25
Indeno(1,2,3-cd)Pyrene	67		64		40-140	5		25
Dibenzo(a,h)anthracene	62		59		40-140	5		25
Benzo(ghi)perylene	71		68		40-140	4		25
Nonane (C9)	50		56		30-140	11		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 01-06,08 Batch: WG899738-2 WG899738-3								
Decane (C10)	59		66		40-140	11		25
Dodecane (C12)	64		72		40-140	12		25
Tetradecane (C14)	67		74		40-140	10		25
Hexadecane (C16)	70		78		40-140	11		25
Octadecane (C18)	75		84		40-140	11		25
Nonadecane (C19)	76		84		40-140	10		25
Eicosane (C20)	75		84		40-140	11		25
Docosane (C22)	74		82		40-140	10		25
Tetracosane (C24)	72		81		40-140	12		25
Hexacosane (C26)	73		82		40-140	12		25
Octacosane (C28)	74		82		40-140	10		25
Triacontane (C30)	74		82		40-140	10		25
Hexatriacontane (C36)	74		85		40-140	14		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616233

Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 01-06,08 Batch: WG899738-2 WG899738-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	73		81		40-140
o-Terphenyl	59		62		40-140
2-Fluorobiphenyl	60		69		40-140
2-Bromonaphthalene	67		74		40-140
O-Terphenyl-MS	66		60		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 10-15 Batch: WG900089-2 WG900089-3								
C9-C18 Aliphatics	68		77		40-140	12		25
C19-C36 Aliphatics	90		106		40-140	16		25
C11-C22 Aromatics	92		108		40-140	16		25
Naphthalene	70		75		40-140	7		25
2-Methylnaphthalene	78		83		40-140	6		25
Acenaphthylene	77		85		40-140	10		25
Acenaphthene	83		92		40-140	10		25
Fluorene	86		99		40-140	14		25
Phenanthrene	89		106		40-140	17		25
Anthracene	88		104		40-140	17		25
Fluoranthene	94		111		40-140	17		25
Pyrene	88		105		40-140	18		25
Benzo(a)anthracene	89		105		40-140	16		25
Chrysene	94		111		40-140	17		25
Benzo(b)fluoranthene	99		118		40-140	18		25
Benzo(k)fluoranthene	96		116		40-140	19		25
Benzo(a)pyrene	88		106		40-140	19		25
Indeno(1,2,3-cd)Pyrene	94		114		40-140	19		25
Dibenzo(a,h)anthracene	95		116		40-140	20		25
Benzo(ghi)perylene	95		116		40-140	20		25
Nonane (C9)	43		49		30-140	13		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 10-15 Batch: WG900089-2 WG900089-3								
Decane (C10)	54		60		40-140	11		25
Dodecane (C12)	66		71		40-140	7		25
Tetradecane (C14)	73		79		40-140	8		25
Hexadecane (C16)	77		89		40-140	14		25
Octadecane (C18)	83		98		40-140	17		25
Nonadecane (C19)	85		100		40-140	16		25
Eicosane (C20)	87		100		40-140	14		25
Docosane (C22)	86		102		40-140	17		25
Tetracosane (C24)	87		102		40-140	16		25
Hexacosane (C26)	88		103		40-140	16		25
Octacosane (C28)	88		104		40-140	17		25
Triacontane (C30)	88		103		40-140	16		25
Hexatriacontane (C36)	85		102		40-140	18		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616233

Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 10-15 Batch: WG900089-2 WG900089-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	80		92		40-140
o-Terphenyl	103		115		40-140
2-Fluorobiphenyl	97		103		40-140
2-Bromonaphthalene	97		104		40-140
O-Terphenyl-MS	93		99		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 10-15 Batch: WG900980-1 WG900980-2								
C5-C8 Aliphatics	89		98		70-130	10		25
C9-C12 Aliphatics	103		113		70-130	9		25
C9-C10 Aromatics	86		95		70-130	10		25
Benzene	84		92		70-130	10		25
Toluene	85		94		70-130	10		25
Ethylbenzene	87		96		70-130	10		25
p/m-Xylene	86		94		70-130	10		25
o-Xylene	87		96		70-130	10		25
Methyl tert butyl ether	87		96		70-130	9		25
Naphthalene	82		91		70-130	10		25
1,2,4-Trimethylbenzene	86		95		70-130	10		25
Pentane	80		88		70-130	9		25
2-Methylpentane	92		102		70-130	10		25
2,2,4-Trimethylpentane	95		105		70-130	10		25
n-Nonane	100		109		30-130	9		25
n-Decane	102		112		70-130	9		25
n-Butylcyclohexane	105		116		70-130	10		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616233

Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 10-15 Batch: WG900980-1 WG900980-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	83		90		70-130
2,5-Dibromotoluene-FID	102		114		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 07 Batch: WG901138-2 WG901138-3								
C9-C18 Aliphatics	74		75		40-140	1		25
C19-C36 Aliphatics	88		87		40-140	1		25
C11-C22 Aromatics	67		67		40-140	0		25
Naphthalene	82		81		40-140	1		25
2-Methylnaphthalene	89		89		40-140	0		25
Acenaphthylene	84		86		40-140	2		25
Acenaphthene	80		80		40-140	0		25
Fluorene	99		100		40-140	1		25
Phenanthrene	88		87		40-140	1		25
Anthracene	89		89		40-140	0		25
Fluoranthene	97		98		40-140	1		25
Pyrene	91		92		40-140	1		25
Benzo(a)anthracene	80		81		40-140	1		25
Chrysene	87		87		40-140	0		25
Benzo(b)fluoranthene	84		84		40-140	0		25
Benzo(k)fluoranthene	84		85		40-140	1		25
Benzo(a)pyrene	76		76		40-140	0		25
Indeno(1,2,3-cd)Pyrene	85		85		40-140	0		25
Dibenzo(a,h)anthracene	84		84		40-140	0		25
Benzo(ghi)perylene	87		87		40-140	0		25
Nonane (C9)	58		59		30-140	2		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 07 Batch: WG901138-2 WG901138-3								
Decane (C10)	66		68		40-140	3		25
Dodecane (C12)	71		72		40-140	1		25
Tetradecane (C14)	75		75		40-140	0		25
Hexadecane (C16)	79		78		40-140	1		25
Octadecane (C18)	83		82		40-140	1		25
Nonadecane (C19)	84		84		40-140	0		25
Eicosane (C20)	85		84		40-140	1		25
Docosane (C22)	85		85		40-140	0		25
Tetracosane (C24)	85		85		40-140	0		25
Hexacosane (C26)	86		86		40-140	0		25
Octacosane (C28)	86		86		40-140	0		25
Triacontane (C30)	85		86		40-140	1		25
Hexatriacontane (C36)	86		87		40-140	1		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616233

Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
EPH w/MS Targets - Westborough Lab Associated sample(s): 07 Batch: WG901138-2 WG901138-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	78		71		40-140
o-Terphenyl	75		75		40-140
2-Fluorobiphenyl	70		66		40-140
2-Bromonaphthalene	73		68		40-140
O-Terphenyl-MS	78		78		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

PCBS

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-01	Date Collected:	05/26/16 08:45
Client ID:	TP201-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 00:03	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	82%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	24.1	3.18	1	A
Aroclor 1221	ND		ug/kg	24.1	3.71	1	A
Aroclor 1232	ND		ug/kg	24.1	4.71	1	A
Aroclor 1242	ND		ug/kg	24.1	4.92	1	A
Aroclor 1248	ND		ug/kg	16.1	3.40	1	A
Aroclor 1254	ND		ug/kg	24.1	3.31	1	A
Aroclor 1260	73.4		ug/kg	16.1	3.06	1	A
Aroclor 1262	ND		ug/kg	8.04	2.00	1	A
Aroclor 1268	53.3		ug/kg	8.04	5.83	1	B
PCBs, Total	127		ug/kg	8.04	2.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-02	Date Collected:	05/26/16 09:15
Client ID:	TP202-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 00:17	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	75%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	26.6	3.50	1	A
Aroclor 1221	ND		ug/kg	26.6	4.09	1	A
Aroclor 1232	ND		ug/kg	26.6	5.20	1	A
Aroclor 1242	ND		ug/kg	26.6	5.43	1	A
Aroclor 1248	ND		ug/kg	17.7	3.74	1	A
Aroclor 1254	ND		ug/kg	26.6	3.65	1	A
Aroclor 1260	66.8		ug/kg	17.7	3.38	1	B
Aroclor 1262	ND		ug/kg	8.87	2.20	1	A
Aroclor 1268	84.6		ug/kg	8.87	6.43	1	B
PCBs, Total	151		ug/kg	8.87	2.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-03	Date Collected:	05/26/16 09:20
Client ID:	TP203-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 00:31	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	90%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	21.7	2.85	1	A
Aroclor 1221	ND		ug/kg	21.7	3.33	1	A
Aroclor 1232	ND		ug/kg	21.7	4.23	1	A
Aroclor 1242	ND		ug/kg	21.7	4.42	1	A
Aroclor 1248	ND		ug/kg	14.4	3.05	1	A
Aroclor 1254	ND		ug/kg	21.7	2.97	1	A
Aroclor 1260	31.4		ug/kg	14.4	2.75	1	A
Aroclor 1262	ND		ug/kg	7.22	1.79	1	A
Aroclor 1268	ND		ug/kg	7.22	5.24	1	A
PCBs, Total	31.4		ug/kg	7.22	1.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-04	Date Collected:	05/26/16 09:30
Client ID:	TP203-S3-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 00:45	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	78%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	24.7	3.25	1	A
Aroclor 1221	ND		ug/kg	24.7	3.79	1	A
Aroclor 1232	ND		ug/kg	24.7	4.82	1	A
Aroclor 1242	ND		ug/kg	24.7	5.04	1	A
Aroclor 1248	ND		ug/kg	16.4	3.47	1	A
Aroclor 1254	ND		ug/kg	24.7	3.38	1	A
Aroclor 1260	12.6	J	ug/kg	16.4	3.14	1	B
Aroclor 1262	ND		ug/kg	8.23	2.04	1	A
Aroclor 1268	ND		ug/kg	8.23	5.96	1	A
PCBs, Total	12.6	J	ug/kg	8.23	2.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-05	Date Collected:	05/26/16 09:50
Client ID:	TP204-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 00:58	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	20.9	2.76	1	A
Aroclor 1221	ND		ug/kg	20.9	3.22	1	A
Aroclor 1232	ND		ug/kg	20.9	4.09	1	A
Aroclor 1242	ND		ug/kg	20.9	4.27	1	A
Aroclor 1248	ND		ug/kg	14.0	2.94	1	A
Aroclor 1254	ND		ug/kg	20.9	2.87	1	A
Aroclor 1260	36.7		ug/kg	14.0	2.66	1	A
Aroclor 1262	ND		ug/kg	6.98	1.73	1	A
Aroclor 1268	ND		ug/kg	6.98	5.06	1	A
PCBs, Total	36.7		ug/kg	6.98	1.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-06	Date Collected:	05/26/16 10:15
Client ID:	TP205-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 01:12	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	22.8	3.00	1	A
Aroclor 1221	ND		ug/kg	22.8	3.50	1	A
Aroclor 1232	ND		ug/kg	22.8	4.45	1	A
Aroclor 1242	ND		ug/kg	22.8	4.65	1	A
Aroclor 1248	ND		ug/kg	15.2	3.21	1	A
Aroclor 1254	ND		ug/kg	22.8	3.12	1	A
Aroclor 1260	ND		ug/kg	15.2	2.90	1	A
Aroclor 1262	ND		ug/kg	7.60	1.88	1	A
Aroclor 1268	ND		ug/kg	7.60	5.51	1	A
PCBs, Total	ND		ug/kg	7.60	1.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-07	Date Collected:	05/26/16 10:40
Client ID:	TP206-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 01:26	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	92%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	20.9	2.76	1	A
Aroclor 1221	ND		ug/kg	20.9	3.22	1	A
Aroclor 1232	ND		ug/kg	20.9	4.09	1	A
Aroclor 1242	ND		ug/kg	20.9	4.27	1	A
Aroclor 1248	ND		ug/kg	14.0	2.94	1	A
Aroclor 1254	ND		ug/kg	20.9	2.87	1	A
Aroclor 1260	ND		ug/kg	14.0	2.66	1	A
Aroclor 1262	ND		ug/kg	6.98	1.73	1	A
Aroclor 1268	ND		ug/kg	6.98	5.06	1	A
PCBs, Total	ND		ug/kg	6.98	1.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-08	Date Collected:	05/26/16 10:00
Client ID:	TP204-S2-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 22:15
Analytical Date:	06/05/16 01:40	Cleanup Method:	EPA 3665A
Analyst:	KE	Cleanup Date:	06/03/16
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	22.4	2.96	1	A
Aroclor 1221	ND		ug/kg	22.4	3.45	1	A
Aroclor 1232	ND		ug/kg	22.4	4.38	1	A
Aroclor 1242	ND		ug/kg	22.4	4.58	1	A
Aroclor 1248	ND		ug/kg	15.0	3.16	1	A
Aroclor 1254	ND		ug/kg	22.4	3.07	1	A
Aroclor 1260	ND		ug/kg	15.0	2.85	1	A
Aroclor 1262	ND		ug/kg	7.48	1.86	1	A
Aroclor 1268	ND		ug/kg	7.48	5.42	1	A
PCBs, Total	ND		ug/kg	7.48	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/04/16 23:22
Analyst: KE

Extraction Method: EPA 3540C
Extraction Date: 06/02/16 22:15
Cleanup Method: EPA 3665A
Cleanup Date: 06/03/16
Cleanup Method: EPA 3660B
Cleanup Date: 06/04/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 01-08 Batch: WG900091-1						
Aroclor 1016	ND		ug/kg	19.4	2.56	A
Aroclor 1221	ND		ug/kg	19.4	2.99	A
Aroclor 1232	ND		ug/kg	19.4	3.80	A
Aroclor 1242	ND		ug/kg	19.4	3.97	A
Aroclor 1248	ND		ug/kg	13.0	2.73	A
Aroclor 1254	ND		ug/kg	19.4	2.66	A
Aroclor 1260	ND		ug/kg	13.0	2.47	A
Aroclor 1262	ND		ug/kg	6.48	1.61	A
Aroclor 1268	ND		ug/kg	6.48	4.70	A
PCBs, Total	ND		ug/kg	6.48	1.61	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	102		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616233

Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG900091-2 WG900091-3									
Aroclor 1016	84		83		40-140	1		50	A
Aroclor 1260	76		74		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		84		30-150	A
Decachlorobiphenyl	106		105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		88		30-150	B
Decachlorobiphenyl	92		90		30-150	B

METALS

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-01	Date Collected:	05/26/16 08:45
Client ID:	TP201-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.6		mg/kg	0.47	0.16	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB
Barium, Total	54		mg/kg	0.47	0.13	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.47	0.03	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB
Chromium, Total	28		mg/kg	0.47	0.08	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB
Lead, Total	19		mg/kg	2.4	0.10	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB
Mercury, Total	0.15		mg/kg	0.08	0.02	1	06/04/16 09:08	06/04/16 11:04	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.95	0.13	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.47	0.10	1	06/03/16 14:25	06/03/16 19:44	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-02	Date Collected:	05/26/16 09:15
Client ID:	TP202-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	75%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12		mg/kg	0.53	0.17	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB
Barium, Total	91		mg/kg	0.53	0.14	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.53	0.04	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB
Chromium, Total	38		mg/kg	0.53	0.09	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB
Lead, Total	50		mg/kg	2.6	0.12	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB
Mercury, Total	0.06	J	mg/kg	0.09	0.02	1	06/04/16 09:08	06/04/16 11:06	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	1.0	0.14	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.53	0.10	1	06/03/16 14:25	06/03/16 19:48	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-03	Date Collected:	05/26/16 09:20
Client ID:	TP203-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.0		mg/kg	0.43	0.14	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB
Barium, Total	51		mg/kg	0.43	0.12	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.43	0.03	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB
Chromium, Total	25		mg/kg	0.43	0.07	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB
Lead, Total	28		mg/kg	2.2	0.10	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	06/04/16 09:08	06/04/16 11:11	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.87	0.12	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.43	0.09	1	06/03/16 14:25	06/03/16 20:12	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-04	Date Collected:	05/26/16 09:30
Client ID:	TP203-S3-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	21		mg/kg	0.97	0.32	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB
Barium, Total	80		mg/kg	0.97	0.26	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.97	0.07	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB
Chromium, Total	30		mg/kg	0.97	0.16	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB
Lead, Total	24		mg/kg	4.8	0.21	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB
Mercury, Total	0.09		mg/kg	0.08	0.02	1	06/04/16 09:08	06/04/16 11:13	EPA 7471B	1,7471B	BV
Selenium, Total	1.2	J	mg/kg	1.9	0.26	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.97	0.19	2	06/03/16 14:25	06/03/16 20:16	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-05	Date Collected:	05/26/16 09:50
Client ID:	TP204-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.6		mg/kg	0.41	0.14	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB
Barium, Total	53		mg/kg	0.41	0.11	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.41	0.03	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB
Chromium, Total	20		mg/kg	0.41	0.07	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB
Lead, Total	74		mg/kg	2.0	0.09	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	06/04/16 09:08	06/04/16 11:15	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.82	0.11	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.41	0.08	1	06/03/16 14:25	06/03/16 20:20	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-06	Date Collected:	05/26/16 10:15
Client ID:	TP205-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13		mg/kg	0.45	0.15	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB
Barium, Total	61		mg/kg	0.45	0.12	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.45	0.03	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB
Chromium, Total	36		mg/kg	0.45	0.08	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB
Lead, Total	12		mg/kg	2.3	0.10	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	06/04/16 09:08	06/04/16 11:17	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.90	0.12	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.45	0.09	1	06/03/16 14:25	06/03/16 20:24	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-07	Date Collected:	05/26/16 10:40
Client ID:	TP206-S1-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11		mg/kg	0.42	0.14	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB
Barium, Total	53		mg/kg	0.42	0.11	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.42	0.03	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB
Chromium, Total	28		mg/kg	0.42	0.07	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB
Lead, Total	12		mg/kg	2.1	0.09	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB
Mercury, Total	ND		mg/kg	0.07	0.01	1	06/04/16 09:08	06/04/16 11:18	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.84	0.11	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.42	0.08	1	06/03/16 14:25	06/03/16 20:28	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-08	Date Collected:	05/26/16 10:00
Client ID:	TP204-S2-052616	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.5		mg/kg	0.89	0.29	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB
Barium, Total	60		mg/kg	0.89	0.24	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.89	0.06	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB
Chromium, Total	20		mg/kg	0.89	0.15	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB
Lead, Total	12		mg/kg	4.4	0.20	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	06/04/16 09:08	06/04/16 11:20	EPA 7471B	1,7471B	BV
Selenium, Total	0.99	J	mg/kg	1.8	0.24	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB
Silver, Total	ND		mg/kg	0.89	0.18	2	06/03/16 14:25	06/03/16 20:32	EPA 3050B	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-09	Date Collected:	05/27/16 12:15
Client ID:	MAINTENANCE BLDG LBP-3	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	66%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	87		mg/kg	3.0	0.13	1	06/06/16 12:25	06/06/16 14:01	EPA 3050B	1,6010C	AM

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-10
Client ID: PW103
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Water

Date Collected: 05/26/16 12:30
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0062		mg/l	0.0050	0.0020	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB
Barium, Dissolved	0.0072	J	mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.0050	0.0007	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB
Chromium, Dissolved	ND		mg/l	0.010	0.0020	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.0100	0.0020	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/02/16 10:24	06/02/16 17:41	EPA 7470A	1,7470A	EA
Selenium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.0070	0.0020	1	06/02/16 14:00	06/03/16 07:21	EPA 3005A	1,6010C	FB

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-11
Client ID: PW104
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Water

Date Collected: 05/26/16 13:00
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0039	J	mg/l	0.0050	0.0020	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB
Barium, Dissolved	0.0044	J	mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.0050	0.0007	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB
Chromium, Dissolved	ND		mg/l	0.010	0.0020	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.0100	0.0020	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/02/16 10:24	06/02/16 17:46	EPA 7470A	1,7470A	EA
Selenium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.0070	0.0020	1	06/02/16 14:00	06/03/16 07:39	EPA 3005A	1,6010C	FB

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-12
Client ID: PWDUP
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Water

Date Collected: 05/26/16 13:30
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0037	J	mg/l	0.0050	0.0020	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB
Barium, Dissolved	0.0036	J	mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.0050	0.0007	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB
Chromium, Dissolved	ND		mg/l	0.010	0.0020	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.0100	0.0020	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/02/16 10:24	06/02/16 17:48	EPA 7470A	1,7470A	EA
Selenium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.0070	0.0020	1	06/02/16 14:00	06/03/16 07:43	EPA 3005A	1,6010C	FB

Project Name: POINT EAST MARITIME VILLAGE
Lab Number: L1616233
Project Number: 131.06156.011
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-13
Client ID: PWBK
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Water

Date Collected: 05/26/16 14:00
Date Received: 05/27/16
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0038	J	mg/l	0.0050	0.0020	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB
Barium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.0050	0.0007	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB
Chromium, Dissolved	ND		mg/l	0.010	0.0020	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.0100	0.0020	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/02/16 10:24	06/02/16 17:50	EPA 7470A	1,7470A	EA
Selenium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.0070	0.0020	1	06/02/16 14:00	06/03/16 07:47	EPA 3005A	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-14	Date Collected:	05/27/16 11:30
Client ID:	PW101	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.005	0.002	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB
Barium, Dissolved	0.012		mg/l	0.010	0.003	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB
Chromium, Dissolved	0.002	J	mg/l	0.010	0.002	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.010	0.002	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/16 09:37	06/01/16 19:46	EPA 7470A	1,7470A	EA
Selenium, Dissolved	ND		mg/l	0.010	0.003	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.007	0.002	1	06/02/16 14:00	06/03/16 07:37	EPA 3005A	1,6010C	FB

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

SAMPLE RESULTS

Lab ID:	L1616233-15	Date Collected:	05/27/16 12:00
Client ID:	PW102	Date Received:	05/27/16
Sample Location:	BIRCH POINT RD., WISCASSET, ME	Field Prep:	None
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.005	0.002	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB
Barium, Dissolved	0.011		mg/l	0.010	0.003	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB
Chromium, Dissolved	0.003	J	mg/l	0.010	0.002	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.010	0.002	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/16 09:37	06/01/16 19:52	EPA 7470A	1,7470A	EA
Selenium, Dissolved	ND		mg/l	0.010	0.003	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.007	0.002	1	06/02/16 14:00	06/03/16 07:58	EPA 3005A	1,6010C	FB

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 14-15 Batch: WG899397-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/01/16 09:37	06/01/16 19:43	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 10-13 Batch: WG899822-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	06/02/16 10:24	06/02/16 17:37	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 14-15 Batch: WG899921-1										
Arsenic, Dissolved	ND		mg/l	0.005	0.002	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB
Barium, Dissolved	ND		mg/l	0.010	0.003	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB
Chromium, Dissolved	ND		mg/l	0.01	0.002	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.010	0.002	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB
Selenium, Dissolved	ND		mg/l	0.010	0.003	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.007	0.002	1	06/02/16 14:00	06/03/16 07:29	1,6010C	FB

Prep Information

Digestion Method: EPA 3005A

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 10-13 Batch: WG899922-1										
Arsenic, Dissolved	0.0022	J	mg/l	0.0050	0.0020	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB
Barium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB
Cadmium, Dissolved	ND		mg/l	0.0050	0.0007	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB
Chromium, Dissolved	ND		mg/l	0.010	0.0020	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB
Lead, Dissolved	ND		mg/l	0.0100	0.0020	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB
Selenium, Dissolved	ND		mg/l	0.0100	0.0030	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB
Silver, Dissolved	ND		mg/l	0.0070	0.0020	1	06/02/16 14:00	06/03/16 07:12	1,6010C	FB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG900406-7										
Arsenic, Total	ND		mg/kg	0.40	0.13	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB
Barium, Total	ND		mg/kg	0.40	0.11	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB
Cadmium, Total	ND		mg/kg	0.40	0.03	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB
Chromium, Total	ND		mg/kg	0.40	0.07	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB
Lead, Total	ND		mg/kg	2.0	0.09	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB
Selenium, Total	ND		mg/kg	0.80	0.11	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB
Silver, Total	ND		mg/kg	0.40	0.08	1	06/03/16 14:25	06/03/16 18:36	1,6010C	FB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG900629-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	06/04/16 09:08	06/04/16 10:49	1,7471B	BV

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG900991-1										
Lead, Total	0.09	J	mg/kg	2.0	0.09	1	06/06/16 12:25	06/06/16 13:53	1,6010C	AM

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 14-15 Batch: WG899397-2								
Mercury, Dissolved	108		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 10-13 Batch: WG899822-2								
Mercury, Dissolved	85		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 14-15 Batch: WG899921-2								
Arsenic, Dissolved	107		-		80-120	-		
Barium, Dissolved	106		-		80-120	-		
Cadmium, Dissolved	108		-		80-120	-		
Chromium, Dissolved	100		-		80-120	-		
Lead, Dissolved	106		-		80-120	-		
Selenium, Dissolved	112		-		80-120	-		
Silver, Dissolved	104		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616233
Report Date: 06/07/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 10-13 Batch: WG899922-2					
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Cadmium, Dissolved	105	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Lead, Dissolved	103	-	80-120	-	
Selenium, Dissolved	108	-	80-120	-	
Silver, Dissolved	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG900406-8 SRM Lot Number: D088-540					
Arsenic, Total	105	-	79-121	-	
Barium, Total	99	-	83-117	-	
Cadmium, Total	104	-	83-117	-	
Chromium, Total	101	-	80-120	-	
Lead, Total	108	-	81-117	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	103	-	75-124	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG900629-2 SRM Lot Number: D088-540					
Mercury, Total	101	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE

Project Number: 131.06156.011

Lab Number: L1616233

Report Date: 06/07/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG900991-2 SRM Lot Number: D088-540					
Lead, Total	96	-	81-117	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG899397-4 QC Sample: L1616233-14 Client ID: PW101												
Mercury, Dissolved	ND	0.005	0.00335	**67**	Q	-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 10-13 QC Batch ID: WG899822-4 QC Sample: L1616233-10 Client ID: PW103												
Mercury, Dissolved	ND	0.005	0.00392	78		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG899921-4 QC Sample: L1616233-14 Client ID: PW101												
Arsenic, Dissolved	ND	0.12	0.146	122		-	-		75-125	-		20
Barium, Dissolved	0.012	2	2.13	106		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.051	0.050	98		-	-		75-125	-		20
Chromium, Dissolved	0.002J	0.2	0.19	95		-	-		75-125	-		20
Lead, Dissolved	ND	0.51	0.469	92		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.148	123		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.062	124		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 10-13 QC Batch ID: WG899922-4 QC Sample: L1616233-10 Client ID: PW103												
Arsenic, Dissolved	0.0062	0.12	0.154	123		-	-		75-125	-		20
Barium, Dissolved	0.0072J	2	1.99	100		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.051	0.0504	99		-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.19	95		-	-		75-125	-		20
Lead, Dissolved	ND	0.51	0.454	89		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.148	123		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.0630	**126**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG900406-10 QC Sample: L1616123-09 Client ID: MS Sample										
Arsenic, Total	3.9	12.2	14	83		-	-	75-125	-	20
Barium, Total	18.	203	200	90		-	-	75-125	-	20
Cadmium, Total	ND	5.18	4.6	89		-	-	75-125	-	20
Chromium, Total	8.7	20.3	25	80		-	-	75-125	-	20
Lead, Total	320	51.8	280	**0**	Q	-	-	75-125	-	20
Selenium, Total	ND	12.2	11	90		-	-	75-125	-	20
Silver, Total	0.24J	30.4	28	92		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG900629-4 QC Sample: L1616197-01 Client ID: MS Sample										
Mercury, Total	ND	0.157	0.20	**127**	Q	-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG900991-4 QC Sample: L1616233-09 Client ID: MAINTENANCE BLDG LBP-3										
Lead, Total	87.	58.7	200	**192**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG899397-3 QC Sample: L1616233-14 Client ID: PW101						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 10-13 QC Batch ID: WG899822-3 QC Sample: L1616233-10 Client ID: PW103						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG899921-3 QC Sample: L1616233-14 Client ID: PW101						
Arsenic, Dissolved	ND	ND	mg/l	NC		20
Barium, Dissolved	0.012	0.011	mg/l	2		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Chromium, Dissolved	0.002J	0.003J	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 10-13 QC Batch ID: WG899922-3 QC Sample: L1616233-10 Client ID: PW103						
Arsenic, Dissolved	0.0062	0.0062	mg/l	0		20
Barium, Dissolved	0.0072J	0.0067J	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG900406-9 QC Sample: L1616123-09 Client ID: DUP Sample						
Arsenic, Total	3.9	3.6	mg/kg	8		20
Barium, Total	18.	17	mg/kg	6		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	8.7	8.3	mg/kg	5		20
Lead, Total	320	330	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.24J	0.23J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG900629-3 QC Sample: L1616197-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG900991-3 QC Sample: L1616233-09 Client ID: MAINTENANCE BLDG LBP-3						
Lead, Total	87.	110	mg/kg	**23**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-01
Client ID: TP201-S1-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 08:45
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-02
Client ID: TP202-S1-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 09:15
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.5		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-03
Client ID: TP203-S1-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 09:20
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-04
Client ID: TP203-S3-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 09:30
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-05
Client ID: TP204-S1-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 09:50
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-06
Client ID: TP205-S1-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 10:15
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-07
Client ID: TP206-S1-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 10:40
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-08
Client ID: TP204-S2-052616
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/26/16 10:00
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-09
Client ID: MAINTENANCE BLDG LBP-3
Sample Location: BIRCH POINT RD., WISCASSET, ME
Matrix: Soil

Date Collected: 05/27/16 12:15
Date Received: 05/27/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.1		%	0.100	NA	1	-	06/01/16 16:49	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG899564-1 QC Sample: L1616233-09 Client ID: MAINTENANCE BLDG LBP-3						
Solids, Total	66.1	65.3	%	1		20

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information	Custody Seal
Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616233-01A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-01B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-01C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-02A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-02B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-02C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-03A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-03B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-03C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-04A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-04B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-04C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-05A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-05B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-05C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-06A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616233-06B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-06C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-07A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-07B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-07C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-08A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082LL-3540C(14),EPH-MS-10(14),EPHD-GC-10(14)
L1616233-08B	Metals Only - Glass 60mL/2oz unp	B	N/A	2.3	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1616233-08C	Plastic 2oz unpreserved for TS	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-09A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	ME-TS-2540(7)
L1616233-09X	Glass 60ml unpreserved split	B	N/A	2.3	Y	Absent	PB-TI(180)
L1616233-10A	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-10B	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-10C	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-10D	Plastic 250ml HNO3 preserved	A	<2	3.2	Y	Absent	PB-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CD-SI(180),CR-SI(180),HG-S(28),SE-SI(180)
L1616233-10E	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-10F	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-10G	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-10H	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-10I	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-11A	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-11B	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-11C	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-11D	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-11E	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-11F	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-11G	Plastic 250ml HNO3 preserved	A	<2	3.2	Y	Absent	PB-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CD-SI(180),CR-SI(180),HG-S(28),SE-SI(180)

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616233
Report Date: 06/07/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616233-11H	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-11I	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-12A	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-12B	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-12C	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-12D	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-12E	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-12F	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-12G	Plastic 250ml HNO3 preserved	A	<2	3.2	Y	Absent	PB-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CD-SI(180),CR-SI(180),HG-S(28),SE-SI(180)
L1616233-12H	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-12I	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-13A	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-13B	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-13C	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-13D	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-13E	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-13F	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-13G	Plastic 250ml HNO3 preserved	A	<2	3.2	Y	Absent	PB-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CD-SI(180),CR-SI(180),HG-S(28),SE-SI(180)
L1616233-13H	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-13I	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-14A	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-14B	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-14C	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-14D	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-14E	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-14F	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-14G	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-14H	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-14I	Other container unpreserved	A	9	3.2	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: POINT EAST MARITIME VILLAGE
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Lab Number: L1616233
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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616233-14X	Plastic 120ml HNO3 preserved Fil	A	N/A	3.2	Y	Absent	PB-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CD-SI(180),CR-SI(180),HG-S(28),SE-SI(180)
L1616233-15A	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-15B	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-15C	Vial HCl preserved	A	N/A	3.2	Y	Absent	ME-8260(14)
L1616233-15D	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-15E	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-15F	Vial HCl preserved	A	N/A	3.2	Y	Absent	VPH-10(14)
L1616233-15G	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-15H	Amber 1000ml HCl preserved	A	<2	3.2	Y	Absent	EPH-MS-10(14),EPHD-GC-10(14)
L1616233-15I	Other container unpreserved	A	9	3.2	Y	Absent	-
L1616233-15X	Plastic 120ml HNO3 preserved Fil	A	N/A	3.2	Y	Absent	PB-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),CD-SI(180),CR-SI(180),HG-S(28),SE-SI(180)
L1616233-16A	Vial HCl preserved	A	N/A	3.2	Y	Absent	HOLD-8260(14)
L1616233-16B	Vial HCl preserved	A	N/A	3.2	Y	Absent	HOLD-8260(14)
L1616233-16C	Vial HCl preserved	A	N/A	3.2	Y	Absent	HOLD-8260(14)
L1616233-16D	Vial HCl preserved	A	N/A	3.2	Y	Absent	HOLD-8260(14)
L1616233-17A	Vial MeOH preserved	B	N/A	2.3	Y	Absent	HOLD-8260HLW(14)
L1616233-17B	Vial water preserved	B	N/A	2.3	Y	Absent	HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616233
Project Number:	131.06156.011	**Report Date:**	06/07/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233
Project Number: 131.06156.011 **Report Date:** 06/07/16

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

98 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, May 2004, Revision 1.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, July 2010.

100 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, May 2004, Revision 1.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, July 2010.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: ***8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:*** Lead***; 8270D:*** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE_____ OF _____

Date Rec'd in Lab: 5/27/16

ALPHA Job #: L1616233

ALPHA ANALYTICAL
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Client Information

Client: Ransom Consulting
Address: 400 Commercial St. Suite 404, Portland, ME 04101
Phone: 207-772-2891
Email: stephen.dyer@ransomenv.com

Project Information

Project Name: Point East Maritime Village
Project Location: Birch Point Rd., Wiscasset
Project #: 131.06156.011
Project Manager: Steve Dyer
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #: 9033

Regulatory Requirements & Project Information Requirements

☐ Yes ☒ No MA MCP Analytical Methods ☐ Yes ☒ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☒ Other State /Fed Program MEDEP Criteria RAGs

Additional Project Information:
→ USEPA/MEDEP Brownfields Projects

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☒ RCRA8 ☐ PP13; EPH: ☒ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☒ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Total Lead

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	Total Lead						Sample Comments	TOTAL # BOTTLES
6233-01	TP201-S1-052616	5/26/16	845	S	ARM				X	X		X									2
02	TP202-S1-052616	5/26/16	915	S	ARM				X	X		X									2
03	TP203-S1-052616	5/26/16	930	S	ARM				X	X		X									2
04	TP203-S3-052616	5/26/16	930	S	ARM				X	X		X									2
05	TP204-S1-052616	5/26/16	950	S	ARM				X	X		X									2
06	TP205-S1-052616	5/26/16	1015	S	ARM				X	X		X									2
07	TP206-S1-052616	5/26/16	1040	S	ARM				X	X		X									2
08	TP204-S2-052616	5/26/16	1000	S	ARM				X	X		X									2
09	Maintenance Bldg LBP-3	5/27/16	1215	S	ARM									X							1
Container Type									A	A		A		A							
Preservative									A	A		A		A							

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Michelle Q	5/27/16 15:45	T. Hudelle	5/27/16 1545
T. Hudelle	5/27/16 2020		5/27/16 2020

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

mg 05/31/16 updated COC

CHAIN OF CUSTODY

PAGE_____ OF _____

ALPHA ANALYTICAL
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 5/27/16

ALPHA Job #: L1616233

Project Information

Project Name: Point East Maritime Village
Project Location: Birch Pt. Rd., Wiscasset
Project #: 131.06156-011
Project Manager: Steve Dyer
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #: 9033

Client Information

Client: Ransom Consulting
Address: 400 Commercial St., Suite 404
Portland, ME 04101
Phone: 207-772-2891
Email: stephen.dyer@ransomenv.com

Regulatory Requirements & Project Information Requirements

☐ Yes ☒ No MA MCP Analytical Methods ☐ Yes ☒ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☒ Other State /Fed Program MEDEP Criteria RAGs

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due:

Additional Project Information:
* USEPA / MEDEP Brownfields Project
* PW = Pore Water

ANALYSIS: VOC: ☒ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☒ RCRA8 ☐ PP13; EPH: ☒ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☒ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO: Filtration ☒ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH							Sample Comments	TOTAL # BOTTLES
16233-10	PW103	5/26/16	1230	PW	ARM	X			X	X	X										9
11	PW104	5/26/16	1300	PW	ARM	X			X	X	X										9
12	PWDUP	5/26/16	1330	PW	ARM	X			X	X	X										9
13	PWBK	5/26/16	1400	PW	ARM	X			X	X	X										9
14	PW101	5/26/16	11:30			X			X	X	X										
15	PW102	5/26/16	12:00			X			X	X	X										

Container Type																	
Preservative																	

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Michelle Dyer	5/27/16 15:45	T. Huddleson	5/27/16 1545
T. Huddleson	5/27/16 2020	[illegible]	5/27/16 2020

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

PAGE_____ OF _____

ALPHA ANALYTICAL
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 5/27/16

ALPHA Job #: L1616233

Project Information

Project Name: Point East Maritime Village
Project Location: Birch Pt. Rd., Wiscasset
Project #: 131.06156-011
Project Manager: Steve Dyer
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #: 9033

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☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☒ Other State /Fed Program MEDEP Criteria RAGs

Additional Project Information:
* USEPA / MEDEP Brownfields Project
* PW = Pore Water

ANALYSIS: VOC: ☒ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☒ RCRA8 ☐ PP13; EPH: ☒ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☒ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO: Filtration ☒ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH							Sample Comments	TOTAL # BOTTLES
16233-10	PW103	5/26/16	1230	PW	ARM	X			X	X	X										9
11	PW104	5/26/16	1300	PW	ARM	X			X	X	X										9
12	PWDUP	5/26/16	1330	PW	ARM	X			X	X	X										9
13	PWBK	5/26/16	1400	PW	ARM	X			X	X	X										9

Container Type																	
Preservative																	

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Michelle Dyer	5/27/16 15:45	T. Huddleson	5/27/16 1545
T. Huddleson	5/27/16 2020	[illegible]	5/27/16 2020

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1616076
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Steve Dyer
Phone:	(207) 772-2891
Project Name:	POINT EAST MARITIME VILLAGE
Project Number:	131.06156.011
Report Date:	06/03/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1616076-01	SV103	SOIL_VAPOR	WISCASSET, ME	05/26/16 09:33	05/26/16
L1616076-02	SV-DUP	SOIL_VAPOR	WISCASSET, ME	05/26/16 09:33	05/26/16
L1616076-03	SV101	SOIL_VAPOR	WISCASSET, ME	05/26/16 10:25	05/26/16
L1616076-04	SV102	SOIL_VAPOR	WISCASSET, ME	05/26/16 11:22	05/26/16
L1616076-05	SV104	SOIL_VAPOR	WISCASSET, ME	05/26/16 12:24	05/26/16
L1616076-06	SV106	SOIL_VAPOR	WISCASSET, ME	05/26/16 13:12	05/26/16
L1616076-07	SV105	SOIL_VAPOR	WISCASSET, ME	05/26/16 14:15	05/26/16

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076
Project Number: 131.06156.011 **Report Date:** 06/03/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616076
Project Number:	131.06156.011	**Report Date:**	06/03/16

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 23, 2016. The canister certification results are provided as an addendum.

Samples L1616076-01, -02 , -04, and -05 : The canister vacuum measured on receipt at the laboratory was > 15 in. Hg and was pressurized with Nitrogen before being used for analysis. The reporting limits have been elevated accordingly.

Sample L1616076-07 : The canister vacuum measured on receipt at the laboratory was > 15 in. Hg and a smaller sample volume was used for analysis. The reporting limits have been elevated accordingly.

Petroleum Hydrocarbons in Air

All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

Sampled L1616076-01, -02 , -04, and -05 : The canister vacuum measured on receipt at the laboratory was > 15 in. Hg and was pressurized with Nitrogen before being used for analysis. The reporting limits have been elevated accordingly.

Sample L1616076-07 : The canister vacuum measured on receipt at the laboratory was > 15 in. Hg and a smaller sample volume was used for analysis. The reporting limits have been elevated accordingly.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/03/16

AIR

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-01 D
Client ID: SV103
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 00:50
Analyst: RY

Date Collected: 05/26/16 09:33
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	291	4.21	--	501	7.25	--		8.417
Dichlorodifluoromethane	ND	1.68	--	ND	8.31	--		8.417
Chloromethane	3.38	1.68	--	6.98	3.47	--		8.417
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.68	--	ND	11.7	--		8.417
Vinyl chloride	ND	1.68	--	ND	4.29	--		8.417
1,3-Butadiene	25.5	1.68	--	56.4	3.72	--		8.417
Bromomethane	ND	1.68	--	ND	6.52	--		8.417
Chloroethane	ND	1.68	--	ND	4.43	--		8.417
Ethyl Alcohol	44.5	42.1	--	83.8	79.3	--		8.417
Vinyl bromide	ND	1.68	--	ND	7.35	--		8.417
Acetone	145	8.42	--	344	20.0	--		8.417
Trichlorofluoromethane	ND	1.68	--	ND	9.44	--		8.417
iso-Propyl Alcohol	21.6	4.21	--	53.1	10.3	--		8.417
1,1-Dichloroethene	ND	1.68	--	ND	6.66	--		8.417
Methylene chloride	ND	4.21	--	ND	14.6	--		8.417
3-Chloropropene	ND	1.68	--	ND	5.26	--		8.417
Carbon disulfide	4.44	1.68	--	13.8	5.23	--		8.417
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.68	--	ND	12.9	--		8.417
trans-1,2-Dichloroethene	ND	1.68	--	ND	6.66	--		8.417
1,1-Dichloroethane	ND	1.68	--	ND	6.80	--		8.417
Methyl tert butyl ether	ND	1.68	--	ND	6.06	--		8.417
Vinyl acetate	ND	8.42	--	ND	29.6	--		8.417
2-Butanone	22.4	4.21	--	66.1	12.4	--		8.417
cis-1,2-Dichloroethene	ND	1.68	--	ND	6.66	--		8.417

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-01 D
Client ID: SV103
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 09:33
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	4.21	--	ND	15.2	--		8.417
Chloroform	ND	1.68	--	ND	8.20	--		8.417
Tetrahydrofuran	ND	4.21	--	ND	12.4	--		8.417
1,2-Dichloroethane	ND	1.68	--	ND	6.80	--		8.417
n-Hexane	17.5	1.68	--	61.7	5.92	--		8.417
1,1,1-Trichloroethane	ND	1.68	--	ND	9.17	--		8.417
Benzene	15.7	1.68	--	50.2	5.37	--		8.417
Carbon tetrachloride	ND	1.68	--	ND	10.6	--		8.417
Cyclohexane	2.47	1.68	--	8.50	5.78	--		8.417
1,2-Dichloropropane	ND	1.68	--	ND	7.76	--		8.417
Bromodichloromethane	ND	1.68	--	ND	11.3	--		8.417
1,4-Dioxane	ND	1.68	--	ND	6.05	--		8.417
Trichloroethene	ND	1.68	--	ND	9.03	--		8.417
2,2,4-Trimethylpentane	ND	1.68	--	ND	7.85	--		8.417
Heptane	7.58	1.68	--	31.1	6.88	--		8.417
cis-1,3-Dichloropropene	ND	1.68	--	ND	7.63	--		8.417
4-Methyl-2-pentanone	4.32	4.21	--	17.7	17.3	--		8.417
trans-1,3-Dichloropropene	ND	1.68	--	ND	7.63	--		8.417
1,1,2-Trichloroethane	ND	1.68	--	ND	9.17	--		8.417
Toluene	26.4	1.68	--	99.5	6.33	--		8.417
2-Hexanone	1.68	1.68	--	6.88	6.88	--		8.417
Dibromochloromethane	ND	1.68	--	ND	14.3	--		8.417
1,2-Dibromoethane	ND	1.68	--	ND	12.9	--		8.417
Tetrachloroethene	ND	1.68	--	ND	11.4	--		8.417
Chlorobenzene	ND	1.68	--	ND	7.74	--		8.417
Ethylbenzene	4.70	1.68	--	20.4	7.30	--		8.417
p/m-Xylene	13.6	3.37	--	59.1	14.6	--		8.417
Bromoform	ND	1.68	--	ND	17.4	--		8.417

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-01 D
Client ID: SV103
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 09:33
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	5.25	1.68	--	22.4	7.15	--		8.417
1,1,2,2-Tetrachloroethane	ND	1.68	--	ND	11.5	--		8.417
o-Xylene	5.46	1.68	--	23.7	7.30	--		8.417
4-Ethyltoluene	2.95	1.68	--	14.5	8.26	--		8.417
1,3,5-Trimethylbenzene	2.96	1.68	--	14.6	8.26	--		8.417
1,2,4-Trimethylbenzene	8.41	1.68	--	41.3	8.26	--		8.417
Benzyl chloride	ND	1.68	--	ND	8.70	--		8.417
1,3-Dichlorobenzene	ND	1.68	--	ND	10.1	--		8.417
1,4-Dichlorobenzene	ND	1.68	--	ND	10.1	--		8.417
1,2-Dichlorobenzene	ND	1.68	--	ND	10.1	--		8.417
1,2,4-Trichlorobenzene	ND	1.68	--	ND	12.5	--		8.417
Naphthalene	3.05	1.68	--	16.0	8.81	--		8.417
Hexachlorobutadiene	ND	1.68	--	ND	17.9	--		8.417

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-02 D
Client ID: SV-DUP
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 01:25
Analyst: RY

Date Collected: 05/26/16 09:33
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	455	4.25	--	783	7.31	--		8.5
Dichlorodifluoromethane	ND	1.70	--	ND	8.41	--		8.5
Chloromethane	4.73	1.70	--	9.77	3.51	--		8.5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.70	--	ND	11.9	--		8.5
Vinyl chloride	ND	1.70	--	ND	4.35	--		8.5
1,3-Butadiene	36.7	1.70	--	81.2	3.76	--		8.5
Bromomethane	ND	1.70	--	ND	6.60	--		8.5
Chloroethane	ND	1.70	--	ND	4.49	--		8.5
Ethyl Alcohol	63.3	42.5	--	119	80.1	--		8.5
Vinyl bromide	ND	1.70	--	ND	7.43	--		8.5
Acetone	232	8.50	--	551	20.2	--		8.5
Trichlorofluoromethane	ND	1.70	--	ND	9.55	--		8.5
iso-Propyl Alcohol	37.2	4.25	--	91.4	10.4	--		8.5
1,1-Dichloroethene	ND	1.70	--	ND	6.74	--		8.5
Methylene chloride	ND	4.25	--	ND	14.8	--		8.5
3-Chloropropene	ND	1.70	--	ND	5.32	--		8.5
Carbon disulfide	5.54	1.70	--	17.3	5.29	--		8.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.70	--	ND	13.0	--		8.5
trans-1,2-Dichloroethene	ND	1.70	--	ND	6.74	--		8.5
1,1-Dichloroethane	ND	1.70	--	ND	6.88	--		8.5
Methyl tert butyl ether	ND	1.70	--	ND	6.13	--		8.5
Vinyl acetate	ND	8.50	--	ND	29.9	--		8.5
2-Butanone	35.4	4.25	--	104	12.5	--		8.5
cis-1,2-Dichloroethene	ND	1.70	--	ND	6.74	--		8.5

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-02 D
Client ID: SV-DUP
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 09:33
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	4.25	--	ND	15.3	--		8.5
Chloroform	ND	1.70	--	ND	8.30	--		8.5
Tetrahydrofuran	ND	4.25	--	ND	12.5	--		8.5
1,2-Dichloroethane	ND	1.70	--	ND	6.88	--		8.5
n-Hexane	26.2	1.70	--	92.3	5.99	--		8.5
1,1,1-Trichloroethane	ND	1.70	--	ND	9.28	--		8.5
Benzene	25.2	1.70	--	80.5	5.43	--		8.5
Carbon tetrachloride	ND	1.70	--	ND	10.7	--		8.5
Cyclohexane	3.00	1.70	--	10.3	5.85	--		8.5
1,2-Dichloropropane	ND	1.70	--	ND	7.86	--		8.5
Bromodichloromethane	ND	1.70	--	ND	11.4	--		8.5
1,4-Dioxane	ND	1.70	--	ND	6.13	--		8.5
Trichloroethene	ND	1.70	--	ND	9.14	--		8.5
2,2,4-Trimethylpentane	ND	1.70	--	ND	7.94	--		8.5
Heptane	12.4	1.70	--	50.8	6.97	--		8.5
cis-1,3-Dichloropropene	ND	1.70	--	ND	7.72	--		8.5
4-Methyl-2-pentanone	6.52	4.25	--	26.7	17.4	--		8.5
trans-1,3-Dichloropropene	ND	1.70	--	ND	7.72	--		8.5
1,1,2-Trichloroethane	ND	1.70	--	ND	9.28	--		8.5
Toluene	43.0	1.70	--	162	6.41	--		8.5
2-Hexanone	ND	1.70	--	ND	6.97	--		8.5
Dibromochloromethane	ND	1.70	--	ND	14.5	--		8.5
1,2-Dibromoethane	ND	1.70	--	ND	13.1	--		8.5
Tetrachloroethene	ND	1.70	--	ND	11.5	--		8.5
Chlorobenzene	ND	1.70	--	ND	7.83	--		8.5
Ethylbenzene	8.63	1.70	--	37.5	7.38	--		8.5
p/m-Xylene	26.0	3.40	--	113	14.8	--		8.5
Bromoform	ND	1.70	--	ND	17.6	--		8.5

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-02 D
Client ID: SV-DUP
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 09:33
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	8.95	1.70	--	38.1	7.24	--		8.5
1,1,2,2-Tetrachloroethane	ND	1.70	--	ND	11.7	--		8.5
o-Xylene	10.8	1.70	--	46.9	7.38	--		8.5
4-Ethyltoluene	6.49	1.70	--	31.9	8.36	--		8.5
1,3,5-Trimethylbenzene	6.73	1.70	--	33.1	8.36	--		8.5
1,2,4-Trimethylbenzene	20.7	1.70	--	102	8.36	--		8.5
Benzyl chloride	ND	1.70	--	ND	8.80	--		8.5
1,3-Dichlorobenzene	ND	1.70	--	ND	10.2	--		8.5
1,4-Dichlorobenzene	ND	1.70	--	ND	10.2	--		8.5
1,2-Dichlorobenzene	ND	1.70	--	ND	10.2	--		8.5
1,2,4-Trichlorobenzene	ND	1.70	--	ND	12.6	--		8.5
Naphthalene	11.2	1.70	--	58.7	8.91	--		8.5
Hexachlorobutadiene	ND	1.70	--	ND	18.1	--		8.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-03
Client ID: SV101
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 01:59
Analyst: RY

Date Collected: 05/26/16 10:25
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	17.3	0.500	--	29.8	0.861	--		1
Dichlorodifluoromethane	0.200	0.200	--	0.989	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.49	0.200	--	3.30	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	23.4	1.00	--	55.6	2.38	--		1
Trichlorofluoromethane	0.242	0.200	--	1.36	1.12	--		1
iso-Propyl Alcohol	2.64	0.500	--	6.49	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.251	0.200	--	0.782	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	4.39	0.500	--	12.9	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-03
Client ID: SV101
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 10:25
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.414	0.200	--	2.02	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.944	0.200	--	3.33	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.855	0.200	--	2.73	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.469	0.200	--	1.61	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.583	0.200	--	2.39	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.659	0.500	--	2.70	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.836	0.200	--	3.15	0.754	--		1
2-Hexanone	0.271	0.200	--	1.11	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.340	0.200	--	2.31	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.242	0.200	--	1.05	0.869	--		1
p/m-Xylene	0.647	0.400	--	2.81	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-03
Client ID: SV101
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 10:25
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	0.334	0.200	--	1.42	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.305	0.200	--	1.32	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.265	0.200	--	1.30	0.983	--		1
1,2,4-Trimethylbenzene	0.982	0.200	--	4.83	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	1.08	0.200	--	5.66	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-04 D
Client ID: SV102
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 02:33
Analyst: RY

Date Collected: 05/26/16 11:22
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	53.9	1.60	--	92.8	2.75	--		3.194
Dichlorodifluoromethane	ND	0.639	--	ND	3.16	--		3.194
Chloromethane	1.15	0.639	--	2.37	1.32	--		3.194
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.639	--	ND	4.47	--		3.194
Vinyl chloride	ND	0.639	--	ND	1.63	--		3.194
1,3-Butadiene	4.05	0.639	--	8.96	1.41	--		3.194
Bromomethane	ND	0.639	--	ND	2.48	--		3.194
Chloroethane	ND	0.639	--	ND	1.69	--		3.194
Ethyl Alcohol	23.1	16.0	--	43.5	30.1	--		3.194
Vinyl bromide	ND	0.639	--	ND	2.79	--		3.194
Acetone	60.2	3.19	--	143	7.58	--		3.194
Trichlorofluoromethane	ND	0.639	--	ND	3.59	--		3.194
iso-Propyl Alcohol	11.7	1.60	--	28.8	3.93	--		3.194
1,1-Dichloroethene	ND	0.639	--	ND	2.53	--		3.194
Methylene chloride	30.4	1.60	--	106	5.56	--		3.194
3-Chloropropene	ND	0.639	--	ND	2.00	--		3.194
Carbon disulfide	2.59	0.639	--	8.07	1.99	--		3.194
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.639	--	ND	4.90	--		3.194
trans-1,2-Dichloroethene	ND	0.639	--	ND	2.53	--		3.194
1,1-Dichloroethane	ND	0.639	--	ND	2.59	--		3.194
Methyl tert butyl ether	ND	0.639	--	ND	2.30	--		3.194
Vinyl acetate	ND	3.19	--	ND	11.2	--		3.194
2-Butanone	7.32	1.60	--	21.6	4.72	--		3.194
cis-1,2-Dichloroethene	ND	0.639	--	ND	2.53	--		3.194

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-04 D
Client ID: SV102
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 11:22
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.60	--	ND	5.77	--		3.194
Chloroform	ND	0.639	--	ND	3.12	--		3.194
Tetrahydrofuran	ND	1.60	--	ND	4.72	--		3.194
1,2-Dichloroethane	ND	0.639	--	ND	2.59	--		3.194
n-Hexane	15.6	0.639	--	55.0	2.25	--		3.194
1,1,1-Trichloroethane	ND	0.639	--	ND	3.49	--		3.194
Benzene	3.38	0.639	--	10.8	2.04	--		3.194
Carbon tetrachloride	ND	0.639	--	ND	4.02	--		3.194
Cyclohexane	1.01	0.639	--	3.48	2.20	--		3.194
1,2-Dichloropropane	ND	0.639	--	ND	2.95	--		3.194
Bromodichloromethane	ND	0.639	--	ND	4.28	--		3.194
1,4-Dioxane	ND	0.639	--	ND	2.30	--		3.194
Trichloroethene	ND	0.639	--	ND	3.43	--		3.194
2,2,4-Trimethylpentane	ND	0.639	--	ND	2.98	--		3.194
Heptane	1.65	0.639	--	6.76	2.62	--		3.194
cis-1,3-Dichloropropene	ND	0.639	--	ND	2.90	--		3.194
4-Methyl-2-pentanone	ND	1.60	--	ND	6.56	--		3.194
trans-1,3-Dichloropropene	ND	0.639	--	ND	2.90	--		3.194
1,1,2-Trichloroethane	ND	0.639	--	ND	3.49	--		3.194
Toluene	4.70	0.639	--	17.7	2.41	--		3.194
2-Hexanone	ND	0.639	--	ND	2.62	--		3.194
Dibromochloromethane	ND	0.639	--	ND	5.44	--		3.194
1,2-Dibromoethane	ND	0.639	--	ND	4.91	--		3.194
Tetrachloroethene	ND	0.639	--	ND	4.33	--		3.194
Chlorobenzene	ND	0.639	--	ND	2.94	--		3.194
Ethylbenzene	1.33	0.639	--	5.78	2.78	--		3.194
p/m-Xylene	3.93	1.28	--	17.1	5.56	--		3.194
Bromoform	ND	0.639	--	ND	6.61	--		3.194

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-04 D
Client ID: SV102
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 11:22
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	2.18	0.639	--	9.28	2.72	--		3.194
1,1,2,2-Tetrachloroethane	ND	0.639	--	ND	4.39	--		3.194
o-Xylene	1.73	0.639	--	7.51	2.78	--		3.194
4-Ethyltoluene	1.11	0.639	--	5.46	3.14	--		3.194
1,3,5-Trimethylbenzene	1.55	0.639	--	7.62	3.14	--		3.194
1,2,4-Trimethylbenzene	5.46	0.639	--	26.8	3.14	--		3.194
Benzyl chloride	ND	0.639	--	ND	3.31	--		3.194
1,3-Dichlorobenzene	ND	0.639	--	ND	3.84	--		3.194
1,4-Dichlorobenzene	ND	0.639	--	ND	3.84	--		3.194
1,2-Dichlorobenzene	ND	0.639	--	ND	3.84	--		3.194
1,2,4-Trichlorobenzene	ND	0.639	--	ND	4.74	--		3.194
Naphthalene	1.36	0.639	--	7.13	3.35	--		3.194
Hexachlorobutadiene	ND	0.639	--	ND	6.82	--		3.194

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-05 D
Client ID: SV104
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 03:08
Analyst: RY

Date Collected: 05/26/16 12:24
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	49.2	2.30	--	84.7	3.96	--		4.591
Dichlorodifluoromethane	ND	0.918	--	ND	4.54	--		4.591
Chloromethane	1.66	0.918	--	3.43	1.90	--		4.591
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.918	--	ND	6.42	--		4.591
Vinyl chloride	ND	0.918	--	ND	2.35	--		4.591
1,3-Butadiene	4.18	0.918	--	9.25	2.03	--		4.591
Bromomethane	ND	0.918	--	ND	3.56	--		4.591
Chloroethane	ND	0.918	--	ND	2.42	--		4.591
Ethyl Alcohol	ND	23.0	--	ND	43.3	--		4.591
Vinyl bromide	ND	0.918	--	ND	4.01	--		4.591
Acetone	25.2	4.59	--	59.9	10.9	--		4.591
Trichlorofluoromethane	ND	0.918	--	ND	5.16	--		4.591
iso-Propyl Alcohol	3.32	2.30	--	8.16	5.65	--		4.591
1,1-Dichloroethene	ND	0.918	--	ND	3.64	--		4.591
Methylene chloride	ND	2.30	--	ND	7.99	--		4.591
3-Chloropropene	ND	0.918	--	ND	2.87	--		4.591
Carbon disulfide	3.88	0.918	--	12.1	2.86	--		4.591
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.918	--	ND	7.04	--		4.591
trans-1,2-Dichloroethene	ND	0.918	--	ND	3.64	--		4.591
1,1-Dichloroethane	ND	0.918	--	ND	3.72	--		4.591
Methyl tert butyl ether	ND	0.918	--	ND	3.31	--		4.591
Vinyl acetate	ND	4.59	--	ND	16.2	--		4.591
2-Butanone	3.41	2.30	--	10.1	6.78	--		4.591
cis-1,2-Dichloroethene	ND	0.918	--	ND	3.64	--		4.591

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-05 D
Client ID: SV104
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 12:24
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.30	--	ND	8.29	--		4.591
Chloroform	ND	0.918	--	ND	4.48	--		4.591
Tetrahydrofuran	ND	2.30	--	ND	6.78	--		4.591
1,2-Dichloroethane	ND	0.918	--	ND	3.72	--		4.591
n-Hexane	1.68	0.918	--	5.92	3.24	--		4.591
1,1,1-Trichloroethane	ND	0.918	--	ND	5.01	--		4.591
Benzene	1.48	0.918	--	4.73	2.93	--		4.591
Carbon tetrachloride	ND	0.918	--	ND	5.77	--		4.591
Cyclohexane	ND	0.918	--	ND	3.16	--		4.591
1,2-Dichloropropane	ND	0.918	--	ND	4.24	--		4.591
Bromodichloromethane	ND	0.918	--	ND	6.15	--		4.591
1,4-Dioxane	ND	0.918	--	ND	3.31	--		4.591
Trichloroethene	ND	0.918	--	ND	4.93	--		4.591
2,2,4-Trimethylpentane	ND	0.918	--	ND	4.29	--		4.591
Heptane	0.955	0.918	--	3.91	3.76	--		4.591
cis-1,3-Dichloropropene	ND	0.918	--	ND	4.17	--		4.591
4-Methyl-2-pentanone	ND	2.30	--	ND	9.43	--		4.591
trans-1,3-Dichloropropene	ND	0.918	--	ND	4.17	--		4.591
1,1,2-Trichloroethane	ND	0.918	--	ND	5.01	--		4.591
Toluene	1.05	0.918	--	3.96	3.46	--		4.591
2-Hexanone	ND	0.918	--	ND	3.76	--		4.591
Dibromochloromethane	ND	0.918	--	ND	7.82	--		4.591
1,2-Dibromoethane	ND	0.918	--	ND	7.05	--		4.591
Tetrachloroethene	ND	0.918	--	ND	6.23	--		4.591
Chlorobenzene	ND	0.918	--	ND	4.23	--		4.591
Ethylbenzene	ND	0.918	--	ND	3.99	--		4.591
p/m-Xylene	ND	1.84	--	ND	7.99	--		4.591
Bromoform	ND	0.918	--	ND	9.49	--		4.591

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-05 D
Client ID: SV104
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 12:24
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.918	--	ND	3.91	--		4.591
1,1,2,2-Tetrachloroethane	ND	0.918	--	ND	6.30	--		4.591
o-Xylene	ND	0.918	--	ND	3.99	--		4.591
4-Ethyltoluene	ND	0.918	--	ND	4.51	--		4.591
1,3,5-Trimethylbenzene	ND	0.918	--	ND	4.51	--		4.591
1,2,4-Trimethylbenzene	ND	0.918	--	ND	4.51	--		4.591
Benzyl chloride	ND	0.918	--	ND	4.75	--		4.591
1,3-Dichlorobenzene	ND	0.918	--	ND	5.52	--		4.591
1,4-Dichlorobenzene	ND	0.918	--	ND	5.52	--		4.591
1,2-Dichlorobenzene	ND	0.918	--	ND	5.52	--		4.591
1,2,4-Trichlorobenzene	ND	0.918	--	ND	6.81	--		4.591
Naphthalene	ND	0.918	--	ND	4.81	--		4.591
Hexachlorobutadiene	ND	0.918	--	ND	9.79	--		4.591

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	90		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-06
Client ID: SV106
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 03:42
Analyst: RY

Date Collected: 05/26/16 13:12
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	9.23	0.500	--	15.9	0.861	--		1
Dichlorodifluoromethane	0.533	0.200	--	2.64	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.653	0.200	--	1.44	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	15.8	1.00	--	37.5	2.38	--		1
Trichlorofluoromethane	0.246	0.200	--	1.38	1.12	--		1
iso-Propyl Alcohol	0.774	0.500	--	1.90	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	2.87	0.500	--	8.46	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-06
Client ID: SV106
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 13:12
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.682	0.200	--	2.40	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.471	0.200	--	1.50	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.200	0.200	--	0.688	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.357	0.200	--	1.46	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.593	0.200	--	2.23	0.754	--		1
2-Hexanone	0.375	0.200	--	1.54	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-06
Client ID: SV106
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 13:12
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.203	0.200	--	0.998	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.315	0.200	--	1.65	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-07 D
Client ID: SV105
Sample Location: WISCASSET, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/03/16 04:20
Analyst: RY

Date Collected: 05/26/16 14:15
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Propylene	248	2.91	--	427	5.01	--		5.814
Dichlorodifluoromethane	ND	1.16	--	ND	5.74	--		5.814
Chloromethane	3.53	1.16	--	7.29	2.40	--		5.814
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.16	--	ND	8.11	--		5.814
Vinyl chloride	ND	1.16	--	ND	2.97	--		5.814
1,3-Butadiene	15.0	1.16	--	33.2	2.57	--		5.814
Bromomethane	ND	1.16	--	ND	4.50	--		5.814
Chloroethane	ND	1.16	--	ND	3.06	--		5.814
Ethyl Alcohol	ND	29.1	--	ND	54.8	--		5.814
Vinyl bromide	ND	1.16	--	ND	5.07	--		5.814
Acetone	38.1	5.81	--	90.5	13.8	--		5.814
Trichlorofluoromethane	ND	1.16	--	ND	6.52	--		5.814
iso-Propyl Alcohol	4.52	2.91	--	11.1	7.15	--		5.814
1,1-Dichloroethene	ND	1.16	--	ND	4.60	--		5.814
Methylene chloride	ND	2.91	--	ND	10.1	--		5.814
3-Chloropropene	1.63	1.16	--	5.10	3.63	--		5.814
Carbon disulfide	2.16	1.16	--	6.73	3.61	--		5.814
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.16	--	ND	8.89	--		5.814
trans-1,2-Dichloroethene	ND	1.16	--	ND	4.60	--		5.814
1,1-Dichloroethane	ND	1.16	--	ND	4.70	--		5.814
Methyl tert butyl ether	ND	1.16	--	ND	4.18	--		5.814
Vinyl acetate	ND	5.81	--	ND	20.5	--		5.814
2-Butanone	5.23	2.91	--	15.4	8.58	--		5.814
cis-1,2-Dichloroethene	ND	1.16	--	ND	4.60	--		5.814

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-07 D
Client ID: SV105
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 14:15
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.91	--	ND	10.5	--		5.814
Chloroform	ND	1.16	--	ND	5.66	--		5.814
Tetrahydrofuran	ND	2.91	--	ND	8.58	--		5.814
1,2-Dichloroethane	ND	1.16	--	ND	4.70	--		5.814
n-Hexane	13.9	1.16	--	49.0	4.09	--		5.814
1,1,1-Trichloroethane	ND	1.16	--	ND	6.33	--		5.814
Benzene	10.4	1.16	--	33.2	3.71	--		5.814
Carbon tetrachloride	ND	1.16	--	ND	7.30	--		5.814
Cyclohexane	1.96	1.16	--	6.75	3.99	--		5.814
1,2-Dichloropropane	ND	1.16	--	ND	5.36	--		5.814
Bromodichloromethane	ND	1.16	--	ND	7.77	--		5.814
1,4-Dioxane	ND	1.16	--	ND	4.18	--		5.814
Trichloroethene	ND	1.16	--	ND	6.23	--		5.814
2,2,4-Trimethylpentane	ND	1.16	--	ND	5.42	--		5.814
Heptane	6.91	1.16	--	28.3	4.75	--		5.814
cis-1,3-Dichloropropene	ND	1.16	--	ND	5.27	--		5.814
4-Methyl-2-pentanone	ND	2.91	--	ND	11.9	--		5.814
trans-1,3-Dichloropropene	ND	1.16	--	ND	5.27	--		5.814
1,1,2-Trichloroethane	ND	1.16	--	ND	6.33	--		5.814
Toluene	17.4	1.16	--	65.6	4.37	--		5.814
2-Hexanone	ND	1.16	--	ND	4.75	--		5.814
Dibromochloromethane	ND	1.16	--	ND	9.88	--		5.814
1,2-Dibromoethane	ND	1.16	--	ND	8.91	--		5.814
Tetrachloroethene	ND	1.16	--	ND	7.87	--		5.814
Chlorobenzene	ND	1.16	--	ND	5.34	--		5.814
Ethylbenzene	ND	1.16	--	ND	5.04	--		5.814
p/m-Xylene	3.48	2.32	--	15.1	10.1	--		5.814
Bromoform	ND	1.16	--	ND	12.0	--		5.814

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

SAMPLE RESULTS

Lab ID: L1616076-07 D
Client ID: SV105
Sample Location: WISCASSET, ME
Date Collected: 05/26/16 14:15
Date Received: 05/26/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	1.16	--	ND	4.94	--		5.814
1,1,2,2-Tetrachloroethane	ND	1.16	--	ND	7.97	--		5.814
o-Xylene	1.44	1.16	--	6.25	5.04	--		5.814
4-Ethyltoluene	ND	1.16	--	ND	5.70	--		5.814
1,3,5-Trimethylbenzene	ND	1.16	--	ND	5.70	--		5.814
1,2,4-Trimethylbenzene	1.86	1.16	--	9.14	5.70	--		5.814
Benzyl chloride	ND	1.16	--	ND	6.01	--		5.814
1,3-Dichlorobenzene	ND	1.16	--	ND	6.97	--		5.814
1,4-Dichlorobenzene	ND	1.16	--	ND	6.97	--		5.814
1,2-Dichlorobenzene	ND	1.16	--	ND	6.97	--		5.814
1,2,4-Trichlorobenzene	ND	1.16	--	ND	8.61	--		5.814
Naphthalene	1.19	1.16	--	6.24	6.08	--		5.814
Hexachlorobutadiene	ND	1.16	--	ND	12.4	--		5.814

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	76		60-140
Bromochloromethane	79		60-140
chlorobenzene-d5	60		60-140

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/02/16 22:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG900068-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/02/16 22:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG900068-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/02/16 22:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG900068-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/02/16 22:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG900068-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/02/16 22:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG900068-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG900068-3								
Chlorodifluoromethane	82		-		70-130	-		
Propylene	99		-		70-130	-		
Propane	92		-		70-130	-		
Dichlorodifluoromethane	80		-		70-130	-		
Chloromethane	102		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	94		-		70-130	-		
Methanol	99		-		70-130	-		
Vinyl chloride	101		-		70-130	-		
1,3-Butadiene	102		-		70-130	-		
Butane	100		-		70-130	-		
Bromomethane	93		-		70-130	-		
Chloroethane	101		-		70-130	-		
Ethyl Alcohol	98		-		70-130	-		
Dichlorofluoromethane	92		-		70-130	-		
Vinyl bromide	92		-		70-130	-		
Acrolein	89		-		70-130	-		
Acetone	104		-		70-130	-		
Acetonitrile	101		-		70-130	-		
Trichlorofluoromethane	94		-		70-130	-		
iso-Propyl Alcohol	92		-		70-130	-		
Acrylonitrile	93		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG900068-3								
Pentane	98		-		70-130	-		
Ethyl ether	105		-		70-130	-		
1,1-Dichloroethene	85		-		70-130	-		
tert-Butyl Alcohol	73		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	92		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	85		-		70-130	-		
trans-1,2-Dichloroethene	74		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	75		-		70-130	-		
Vinyl acetate	113		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	93		-		70-130	-		
Ethyl Acetate	87		-		70-130	-		
Chloroform	84		-		70-130	-		
Tetrahydrofuran	80		-		70-130	-		
2,2-Dichloropropane	73		-		70-130	-		
1,2-Dichloroethane	83		-		70-130	-		
n-Hexane	100		-		70-130	-		
Isopropyl Ether	88		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011
Lab Number: L1616076
Report Date: 06/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG900068-3								
Ethyl-Tert-Butyl-Ether	90		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
1,1-Dichloropropene	93		-		70-130	-		
Benzene	97		-		70-130	-		
Carbon tetrachloride	91		-		70-130	-		
Cyclohexane	99		-		70-130	-		
Tertiary-Amyl Methyl Ether	84		-		70-130	-		
Dibromomethane	93		-		70-130	-		
1,2-Dichloropropane	110		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	107		-		70-130	-		
Methyl Methacrylate	98		-		70-130	-		
Heptane	107		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	91		-		70-130	-		
1,3-Dichloropropane	94		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG900068-3								
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	92		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		
Butyl Acetate	87		-		70-130	-		
Octane	88		-		70-130	-		
Tetrachloroethene	87		-		70-130	-		
1,1,1,2-Tetrachloroethane	86		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	94		-		70-130	-		
Bromoform	90		-		70-130	-		
Styrene	92		-		70-130	-		
1,1,2,2-Tetrachloroethane	110		-		70-130	-		
o-Xylene	100		-		70-130	-		
1,2,3-Trichloropropane	94		-		70-130	-		
Nonane (C9)	103		-		70-130	-		
Isopropylbenzene	91		-		70-130	-		
Bromobenzene	91		-		70-130	-		
o-Chlorotoluene	88		-		70-130	-		
n-Propylbenzene	91		-		70-130	-		
p-Chlorotoluene	87		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG900068-3								
4-Ethyltoluene	93		-		70-130	-		
1,3,5-Trimethylbenzene	93		-		70-130	-		
tert-Butylbenzene	98		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Decane (C10)	101		-		70-130	-		
Benzyl chloride	99		-		70-130	-		
1,3-Dichlorobenzene	99		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
sec-Butylbenzene	96		-		70-130	-		
p-Isopropyltoluene	85		-		70-130	-		
1,2-Dichlorobenzene	95		-		70-130	-		
n-Butylbenzene	99		-		70-130	-		
1,2-Dibromo-3-chloropropane	95		-		70-130	-		
Undecane	105		-		70-130	-		
Dodecane (C12)	111		-		70-130	-		
1,2,4-Trichlorobenzene	104		-		70-130	-		
Naphthalene	93		-		70-130	-		
1,2,3-Trichlorobenzene	89		-		70-130	-		
Hexachlorobutadiene	93		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG900068-5 QC Sample: L1616076-06 Client ID: SV106						
Propylene	9.23	9.08	ppbV	2		25
Dichlorodifluoromethane	0.533	0.487	ppbV	9		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.653	0.689	ppbV	5		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	15.8	16.4	ppbV	4		25
Trichlorofluoromethane	0.246	0.256	ppbV	4		25
iso-Propyl Alcohol	0.774	0.836	ppbV	8		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG900068-5 QC Sample: L1616076-06 Client ID: SV106					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	2.87	2.93	ppbV	2	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	0.682	0.734	ppbV	7	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	0.471	0.511	ppbV	8	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	0.200	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG900068-5 QC Sample: L1616076-06 Client ID: SV106					
Heptane	0.357	0.359	ppbV	1	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	0.593	0.635	ppbV	7	25
2-Hexanone	0.375	0.387	ppbV	3	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
p/m-Xylene	ND	0.412	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG900068-5 QC Sample: L1616076-06 Client ID: SV106					
1,2,4-Trimethylbenzene	0.203	0.224	ppbV	10	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Naphthalene	0.315	0.350	ppbV	11	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-01 D	Date Collected:	05/26/16 09:33
Client ID:	SV103	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 00:50		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	74		ug/m3	4.2	--	8.4
Methyl tert butyl ether	ND		ug/m3	5.9	--	8.4
Benzene	54		ug/m3	5.0	--	8.4
C5-C8 Aliphatics, Adjusted	5200		ug/m3	84	--	8.4
Toluene	120		ug/m3	7.6	--	8.4
Ethylbenzene	23		ug/m3	7.6	--	8.4
p/m-Xylene	68		ug/m3	7.6	--	8.4
o-Xylene	27		ug/m3	7.6	--	8.4
Naphthalene	20		ug/m3	9.2	--	8.4
C9-C12 Aliphatics, Adjusted	5500		ug/m3	84	--	8.4
C9-C10 Aromatics Total	330		ug/m3	84	--	8.4

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		50-200
Bromochloromethane	95		50-200
Chlorobenzene-d5	90		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-02 D	Date Collected:	05/26/16 09:33
Client ID:	SV-DUP	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 01:25		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	98		ug/m3	4.2	--	8.5
Methyl tert butyl ether	ND		ug/m3	6.0	--	8.5
Benzene	90		ug/m3	5.1	--	8.5
C5-C8 Aliphatics, Adjusted	6300		ug/m3	85	--	8.5
Toluene	190		ug/m3	7.6	--	8.5
Ethylbenzene	43		ug/m3	7.6	--	8.5
p/m-Xylene	130		ug/m3	7.6	--	8.5
o-Xylene	55		ug/m3	7.6	--	8.5
Naphthalene	76		ug/m3	9.4	--	8.5
C9-C12 Aliphatics, Adjusted	15000		ug/m3	85	--	8.5
C9-C10 Aromatics Total	920		ug/m3	85	--	8.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		50-200
Bromochloromethane	99		50-200
Chlorobenzene-d5	92		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-03	Date Collected:	05/26/16 10:25
Client ID:	SV101	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 01:59		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	4.0		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	3.0		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	310		ug/m3	10	--	1
Toluene	3.4		ug/m3	0.90	--	1
Ethylbenzene	1.1		ug/m3	0.90	--	1
p/m-Xylene	2.9		ug/m3	0.90	--	1
o-Xylene	1.4		ug/m3	0.90	--	1
Naphthalene	6.8		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	700		ug/m3	10	--	1
C9-C10 Aromatics Total	49		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	104		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-04 D	Date Collected:	05/26/16 11:22
Client ID:	SV102	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 02:33		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	11		ug/m3	1.6	--	3.2
Methyl tert butyl ether	ND		ug/m3	2.2	--	3.2
Benzene	12		ug/m3	1.9	--	3.2
C5-C8 Aliphatics, Adjusted	1200		ug/m3	32	--	3.2
Toluene	19		ug/m3	2.9	--	3.2
Ethylbenzene	5.8		ug/m3	2.9	--	3.2
p/m-Xylene	18		ug/m3	2.9	--	3.2
o-Xylene	7.8		ug/m3	2.9	--	3.2
Naphthalene	8.6		ug/m3	3.5	--	3.2
C9-C12 Aliphatics, Adjusted	2500		ug/m3	32	--	3.2
C9-C10 Aromatics Total	180		ug/m3	32	--	3.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		50-200
Bromochloromethane	105		50-200
Chlorobenzene-d5	104		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-05 D	Date Collected:	05/26/16 12:24
Client ID:	SV104	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 03:08		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	12		ug/m3	2.3	--	4.6
Methyl tert butyl ether	ND		ug/m3	3.2	--	4.6
Benzene	5.3		ug/m3	2.8	--	4.6
C5-C8 Aliphatics, Adjusted	220		ug/m3	46	--	4.6
Toluene	4.7		ug/m3	4.1	--	4.6
Ethylbenzene	ND		ug/m3	4.1	--	4.6
p/m-Xylene	ND		ug/m3	4.1	--	4.6
o-Xylene	ND		ug/m3	4.1	--	4.6
Naphthalene	ND		ug/m3	5.1	--	4.6
C9-C12 Aliphatics, Adjusted	640		ug/m3	46	--	4.6
C9-C10 Aromatics Total	ND		ug/m3	46	--	4.6

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		50-200
Bromochloromethane	100		50-200
Chlorobenzene-d5	96		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-06	Date Collected:	05/26/16 13:12
Client ID:	SV106	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 03:42		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	1.9		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	1.7		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	120		ug/m3	10	--	1
Toluene	2.7		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	1.8		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	2.0		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	270		ug/m3	10	--	1
C9-C10 Aromatics Total	15		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		50-200
Bromochloromethane	97		50-200
Chlorobenzene-d5	95		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

SAMPLE RESULTS

Lab ID:	L1616076-07 D	Date Collected:	05/26/16 14:15
Client ID:	SV105	Date Received:	05/26/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	06/03/16 04:20		
Analyst:	RY		

Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	39		ug/m3	2.9	--	5.8
Methyl tert butyl ether	ND		ug/m3	4.1	--	5.8
Benzene	37		ug/m3	3.5	--	5.8
C5-C8 Aliphatics, Adjusted	1400		ug/m3	58	--	5.8
Toluene	70		ug/m3	5.2	--	5.8
Ethylbenzene	5.3		ug/m3	5.2	--	5.8
p/m-Xylene	16		ug/m3	5.2	--	5.8
o-Xylene	6.5		ug/m3	5.2	--	5.8
Naphthalene	6.4		ug/m3	6.4	--	5.8
C9-C12 Aliphatics, Adjusted	1400		ug/m3	58	--	5.8
C9-C10 Aromatics Total	80		ug/m3	58	--	5.8

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	78		50-200
Bromochloromethane	83		50-200
Chlorobenzene-d5	64		50-200

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616076

Project Number: 131.06156.011 **Report Date:** 06/03/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 96,APH
Analytical Date: 06/02/16 22:33
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbons in Air - Mansfield Lab for sample(s): 01-07 Batch: WG900066-4					
1,3-Butadiene	ND		ug/m3	0.50	--
Methyl tert butyl ether	ND		ug/m3	0.70	--
Benzene	ND		ug/m3	0.60	--
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--
Toluene	ND		ug/m3	0.90	--
Ethylbenzene	ND		ug/m3	0.90	--
p/m-Xylene	ND		ug/m3	0.90	--
o-Xylene	ND		ug/m3	0.90	--
Naphthalene	ND		ug/m3	1.1	--
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--
C9-C10 Aromatics Total	ND		ug/m3	10	--

Lab Control Sample Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG900066-3								
1,3-Butadiene	125		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
Benzene	108		-		70-130	-		
C5-C8 Aliphatics, Adjusted	114		-		70-130	-		
Toluene	97		-		70-130	-		
Ethylbenzene	96		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
o-Xylene	103		-		70-130	-		
Naphthalene	109		-		50-150	-		
C9-C12 Aliphatics, Adjusted	109		-		70-130	-		
C9-C10 Aromatics Total	87		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG900066-5 QC Sample: L1616076-06 Client ID: SV106						
1,3-Butadiene	1.9	2.0	ug/m3	5		30
Methyl tert butyl ether	ND	ND	ug/m3	NC		30
Benzene	1.7	1.8	ug/m3	6		30
C5-C8 Aliphatics, Adjusted	120	140	ug/m3	15		30
Toluene	2.7	2.6	ug/m3	4		30
Ethylbenzene	ND	ND	ug/m3	NC		30
p/m-Xylene	1.8	1.9	ug/m3	5		30
o-Xylene	ND	ND	ug/m3	NC		30
Naphthalene	2.0	2.2	ug/m3	10		30
C9-C12 Aliphatics, Adjusted	270	310	ug/m3	14		30
C9-C10 Aromatics Total	15	15	ug/m3	0		30

Project Name: POINT EAST MARITIME VILLAGE

Lab Number: L1616076

Project Number: 131.06156.011

Report Date: 06/03/16

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1616076-01	SV103	0693	SV200	05/23/16	222465		-	-	-	Pass	215	204	5
L1616076-01	SV103	122	2.7L Can	05/23/16	222465	L1614964-02	Pass	-29.7	-27.4	-	-	-	-
L1616076-02	SV-DUP	0650	SV200	05/23/16	222465		-	-	-	Pass	215	203	6
L1616076-02	SV-DUP	458	2.7L Can	05/23/16	222465	L1614964-02	Pass	-29.7	-27.4	-	-	-	-
L1616076-03	SV101	0608	SV200	05/23/16	222465		-	-	-	Pass	210	210	0
L1616076-03	SV101	339	2.7L Can	05/23/16	222465	L1614964-02	Pass	-30.0	-5.2	-	-	-	-
L1616076-04	SV102	0571	SV200	05/23/16	222465		-	-	-	Pass	214	203	5
L1616076-04	SV102	2280	2.7L Can	05/23/16	222465	L1614964-02	Pass	-30.0	-23.4	-	-	-	-
L1616076-05	SV104	0526	SV200	05/23/16	222465		-	-	-	Pass	210	209	0
L1616076-05	SV104	2226	2.7L Can	05/23/16	222465	L1614964-02	Pass	-30.0	-26.3	-	-	-	-
L1616076-06	SV106	0535	SV200	05/23/16	222465		-	-	-	Pass	224	212	6
L1616076-06	SV106	191B	2.7L Can	05/23/16	222465	L1614964-02	Pass	-30.0	-6.3	-	-	-	-
L1616076-07	SV105	0504	SV200	05/23/16	222465		-	-	-	Pass	215	210	2
L1616076-07	SV105	163	2.7L Can	05/23/16	222465	L1614964-02	Pass	-30.0	-24.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1614964
Report Date: 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02
Client ID: CAN 342 SHELF 13
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/18/16 18:12
Analyst: RY

Date Collected: 05/17/16 16:00
Date Received: 05/18/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1614964

Project Number: CANISTER QC BAT **Report Date:** 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02 Date Collected: 05/17/16 16:00

Client ID: CAN 342 SHELF 13 Date Received: 05/18/16

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1614964
Report Date: 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02
Client ID: CAN 342 SHELF 13
Sample Location:

Date Collected: 05/17/16 16:00
Date Received: 05/18/16
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1614964
Report Date: 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02
Client ID: CAN 342 SHELF 13
Sample Location:

Date Collected: 05/17/16 16:00
Date Received: 05/18/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1614964

Project Number: CANISTER QC BAT **Report Date:** 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02 Date Collected: 05/17/16 16:00

Client ID: CAN 342 SHELF 13 Date Received: 05/18/16

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1614964
Report Date: 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02
Client ID: CAN 342 SHELF 13
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/18/16 18:12
Analyst: RY

Date Collected: 05/17/16 16:00
Date Received: 05/18/16
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1614964

Project Number: CANISTER QC BAT **Report Date:** 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02 Date Collected: 05/17/16 16:00

Client ID: CAN 342 SHELF 13 Date Received: 05/18/16

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1614964
Report Date: 06/03/16

Air Canister Certification Results

Lab ID: L1614964-02
Client ID: CAN 342 SHELF 13
Sample Location:

Date Collected: 05/17/16 16:00
Date Received: 05/18/16
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	88		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1614964

Project Number: CANISTER QC BAT **Report Date:** 06/03/16

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1614964-02	Date Collected:	05/17/16 16:00
Client ID:	CAN 342 SHELF 13	Date Received:	05/18/16
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	05/18/16 18:12		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Project Name: POINT EAST MARITIME VILLAGE
Project Number: 131.06156.011

Lab Number: L1616076
Report Date: 06/03/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information	Custody Seal
Cooler	
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616076-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1616076-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1616076-03A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1616076-04A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1616076-05A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1616076-06A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1616076-07A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616076
Project Number:	131.06156.011	**Report Date:**	06/03/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Project Name:	POINT EAST MARITIME VILLAGE	**Lab Number:**	L1616076
Project Number:	131.06156.011	**Report Date:**	06/03/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

96 Method for the Determination of Air-Phase Petroleum Hydrocarbons (APH), MassDEP, December 2009, Revision 1 with QC Requirements & Performance Standards for the Analysis of APH by GC/MS under the Massachusetts Contingency Plan, WSC-CAM-IXA, July 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: ***8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:*** Lead***; 8270D:*** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE_____ OF _____

ALPHA ANALYTICAL — **CHAIN OF CUSTODY**

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 5/27/16

ALPHA Job #: L1616076

Client Information

Client: Ransom Consulting
Address: 400 Commercial St., #404
Portland ME 04101
Phone: 207 772 2891
Fax:
Email: stephen.dyer@ransomenv.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Point East Maritime Village
Project Location: Wiscasset ME
Project #: 131.06156.011
Project Manager: Steve Dyer
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☑ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #: 9033

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: ☆ USEPA MEDEP Brownfields project

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
L1616076.01	SV103	5/26/16	0930	0933	-28.89	-27.50	SV	MCD	2.7L	122	0693	X	X					
.02	SV-DUP	5/26/16	0910	0933	-30.45	-28.07	SV	MCD	2.7L	458	0650	X	X					
.03	SV101	5/26/16	1014	1025	-30.64	-4.08	SV	MCD	2.7L	339	0608	X	X					
.04	SV102	5/26/16	1056	1122	-27.86	-23.19	SV	MCD	2.7L	2280	0571	X	X					
.05	SV104	5/26/16	1200	1224	-29.86	-26.47	SV	MCD	2.7L	2226	0526	X	X					
.06	SV106	5/26/16	1302	1312	-30.00	-4.87	SV	MCD	2.7L	191B	0535	X	X					
.07	SV105	5/26/16	1352	1415	-30.40	-25.14	SV	MCD	2.7L	163	0504	X	X					
Container Type													Cy					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
[illegible] 5/27/16 05:40			
Rec: [illegible] 5/27/16 05:40			
[illegible]	5/26/16 15:14	[illegible]	5/26/16 1514
[illegible]	5/26/16 1650	T. Hardell	5/26/16 1650
T. Hardell	5/26/16 1955	[illegible]	5/26/16 1955

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

APPENDIX E

Hazardous Material Inventory

ASTM Phase I Environmental Site Assessment
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Consulting Engineers and Scientists

June 21, 2016

Project 131.06156.011

Ms. Mary Ellen Barnes
Lincoln County Regional Planning Commission
297 Bath Road
Wiscasset, Maine

RE: Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Ransom Consulting, Inc. (Ransom) has prepared this report presenting the results of the Hazardous Materials Inventory (HMI) performed at the Point East Maritime Village property, located on Birch Point Road in Wiscasset, Maine (the Site). The work was funded by a United States Environmental Protection Agency (U.S. EPA) Brownfields assessment grant awarded to Lincoln County Regional Planning Commission (LCRPC). The work was authorized by LCRPC, as part of environmental due diligence prior to proposed redevelopment of the Site. This report has been prepared for LCRPC per our approved Site-Specific Quality Assurance Project Plan (SSQAPP) dated May 20, 2016. The HMI included sampling for asbestos-containing materials (ACM) and polychlorinated biphenyls (PCBs), a survey of lead-based paint (LBP), field screening and laboratory analysis of surficial soils, and an evaluation of other hazardous and potentially hazardous building components.

Generalized floor plans for the Site Buildings, including locations of samples testing positive for asbestos, are provided in Figures 1, 2, and 3. A photograph log documenting our key findings is included as Attachment A.

EXECUTIVE SUMMARY

Ransom understands that the LCRPC requested this HMI to identify hazardous materials in advance of potential future Site redevelopment, which may include demolition of the Site Buildings. Given the age and construction of the Site Buildings, there is potential for ACM, PCBs, and LBP to be present in the building materials. To address these concerns, Ransom conducted an inspection for the presence of these materials, as well as an inventory of other potentially hazardous materials at the Site during the HMI, which was conducted on May 26, 2016. Based on the results of this inspection, Ransom draws the following conclusions:

1. Asbestos-containing materials were identified in connection with the Site Buildings. Materials identified as ACM that may be impacted by future renovation or demolition of the Site Buildings should be properly removed prior to such activities. Additional suspect materials may also be present;

400 Commercial Street, Suite 404, Portland, Maine 04101, Tel (207) 772-2891, Fax (207) 772-3248
Pease International Tradeport, 112 Corporate Drive, Portsmouth, New Hampshire 03801, Tel (603) 436-1490
12 Kent Way, Suite 100, Byfield, Massachusetts 01922-1221, Tel (978) 465-1822
60 Valley Street, Building F, Suite 106, Providence, Rhode Island 02909, Tel (401) 433-2160
2127 Hamilton Avenue, Hamilton, New Jersey 08619, Tel (609) 584-0090

www.ransomenv.com

2. Some painted surfaces inspected exhibited lead concentrations high enough to delineate the materials as "lead-based" according to United States Housing and Urban Development (HUD) guidelines. These guidelines apply to federal housing projects and are referenced for comparison purposes only. General and/or demolition contractors may perform demolition of surfaces coated with LBP or lead-containing coatings, provided that the handling of components coated with paint containing lead *at any concentration* (referred to as lead-containing paint) complies with Occupational Safety and Health Administration's (OSHA's) lead standards;

3. Slightly elevated lead concentrations were detected during field-screening of surficial soils tested from the "drip zone" around the Maintenance Building perimeter. Field screening of one sample location (LBP-3) indicated a lead concentration in excess of the Maine Department of Environmental Protection (MEDEP) remedial action guidelines (RAGs) for the Residential exposure scenario. However, laboratory analysis of soil collected from this same location indicated a lead concentration below the MEDEP RAG for residential exposure;

4. PCB bulk product waste, as defined under 40 CFR 761(i.e., building materials containing PCBs at concentrations equal to or greater than 50 mg/kg) was not identified in the building materials tested; therefore, no remedial action regarding PCBs in building materials is required at this time;

5. During the course of this investigation, Ransom also inventoried universal waste items at the Site, such as fluorescent lighting fixtures, batteries, etc. that may contain PCBs, mercury, ozone-depleting substances, and/or heavy metals. Disposal of each of these items is also subject to hazardous and/or universal waste disposal requirements; and

6. Based on the conditions observed during our investigation and industry standards in recent years, Ransom has provided estimates for the abatement of ACM and universal wastes identified in connection with the Site Buildings. Our cost estimates represent a most conservative approach, assuming that all materials identified will be removed by MEDEP-licensed abatement personnel and practices. Asbestos-containing roofing materials, exterior caulks and window glazing, and joint compound may be exempt from MEDEP asbestos abatement regulations, depending on the work practices employed in their removal. Cost savings may be achieved by performing these particular tasks under applicable OSHA requirements, rather than a full regulated abatement approach.

FACILITY DESCRIPTION

The Site encompasses a total of approximately 11.45 acres of land on the Mason Station Peninsula, which encompasses approximately 32 acres. Beginning in the 1940s, the entire Mason Station Peninsula, including the Site parcels, operated as the Mason Station oil/coal fired power plant until the power plant was deactivated in 1991. The Site includes three buildings indentified as the Maintenance Building, the Ash Pond Pump House, and the Hilton Pond Pump House (the "Site Buildings"). These buildings were likely constructed in the early 1940s along with the development of the Mason Station Peninsula.

The Maintenance building is a masonry-framed building constructed on a concrete slab-on-grade foundation. The building is covered by a rubber-membrane roof ballasted by gravel. The Ash Pond Pump House is a concrete block building with a tar & gravel roof. The Hilton Pond Pump House is a brick building with a tar & gravel roof. The Ash Pond Pump House and the Hilton Pond Pump House appear to be constructed on poured concrete basements or vault foundations. The pump house buildings have not been used since the Mason Station facility was decommissioned in 1991.

LIMITATIONS

This hazardous materials inventory is subject to certain limitations, which must be considered when interpreting the results. The information presented in this report is based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. Conclusions represent the professional judgment of Ransom based on the data obtained from the work and the site conditions encountered at the time the work was performed and are not to be construed as legal advice.

In addition to these general stipulations, additional site-specific limitations are as follows:

1. At the time of our survey, the concrete foundations or vaults beneath the Ash Pond Pump House and the Hilton Pond Pump House were observed to be full of water. In addition, the vault structure beneath the Ash Pond Pump House likely represents a confined space with no permanent means of ingress/egress. Based on these observations, these areas were not included in the HMI. Limited additional suspect materials may be present in these submerged areas which may be disturbed as part of the proposed demolition/renovation.

2. Our inspection was conducted for LCRPC on behalf of the Town of Wiscasset and is representative of conditions observed at the time of this report. No reliance shall be made by other users or for additional purposes at the Site.

HISTORICAL DOCUMENTATION

Ransom did not identify, was not provided with, and has no knowledge of prior reports documenting the presence of, inspection for, or abatement of hazardous materials at the Site.

ASBESTOS-CONTAINING MATERIALS

Ransom conducted an inspection of the Site for the presence of ACM on May 26, 2016. The scope of the ACM inspection included the identification, quantification, and sampling of accessible suspect building materials on the interior and exterior of the Site Buildings. The inspection was conducted by Eriksen Phenix of Ransom, who is certified by Maine and accredited by the U.S. EPA as an asbestos inspector. Copies of Mr. Phenix's most recent training certificates and state asbestos inspector certifications are provided as Attachment B.

In the State of Maine, OSHA, the U.S. EPA, and the MEDEP are responsible for regulating the release of asbestos into the environment and protecting workers from exposure to airborne asbestos fibers. OSHA defines ACM as "any material containing more than one percent asbestos." MEDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent by volume as determined by weight, visual evaluation, and/or point count analysis." Bulk samples of friable miscellaneous materials (e.g., drywall, joint compound, pressed fiber ceiling tile) were analyzed using the *Method for the Determination of Asbestos in Bulk Building Materials*, EPA/600/R-93/116 (1993) via polarized light microscopy (PLM) visual estimation. Non-friable organically bound (NOB) materials (e.g., floor tiles, roofing materials, mastics) were analyzed using PLM NOB–EPA 600/R-93/116 using the gravimetric reduction method (GRM).

Samples were analyzed by Optimum Analytical and Consulting, LLC (Optimum) of Salem, New Hampshire. Optimum is a Maine-licensed asbestos analytical laboratory and is also certified to perform bulk sample analysis by the National Voluntary Laboratory Accreditation Program (NVLAP). Copies of Optimum's relevant certifications are provided as Attachment B. Laboratory analysis of bulk samples identified ACM on site.

The following is a brief discussion of each ACM identified.

<u>Maintenance Building</u>

1. Linoleum Sheet Flooring: This material was observed as a covering placed directly over the sub-floor in the Office 2 space of the Maintenance Building. The sheet flooring did not appear to be tacked, glued, or otherwise attached to the sub-floor.

2. Window/Door Caulk, Type 1: This material was observed on the original windows and roll-up bay doors, adhering the wood casings to the brick window and door openings.

3. Window Glazing, Type 2: This material was observed on the two windows that appear to have been installed as part of a renovation of the Office 1 and Office 2 spaces.

4. Window Caulk, Type 2: This material was also observed associated with the two windows associated with the Office 1 and Office 2 spaces.

5. Roof Caulk: This material was observed as a sealant between the roof structure and the brick exterior of the Maintenance Building.

<u>Ash Pond Pump House</u>

1. **Tar & Gravel Roof:** This roofing material was observed covering the Ash Pond Pump House.

<u>Hilton Pond Pump House</u>

1. Foundation Sealant: This material was observed applied to the exterior of the Hilton Pond Pump House building foundation.

2. Window Glaze: This material was observed on the window panes in the door of the Hilton Pond Pump House.

3. Door Caulk: This material was observed sealing the door frame to the brick exterior of the Hilton Pond Pump House.

The MEDEP requires consultants to advise the building owner or owner's agent whenever the asbestos analytical laboratory has reported suspect ACM below ten percent asbestos. The owner or owner's agent may either elect to treat these materials as positive for asbestos or have the samples re-analyzed using an alternate method as listed below:

1. PLM EPA/600R-93/116 - Point Count (friable ACM); or

2. Transmission Electron Microscopy (TEM):

    a. U.S. EPA NOB EPA/600/R-93/116b §2.5; or

    b. TEM Chatfield Method.

Re-analysis of samples testing negative for asbestos is not required.

Each of the asbestos-containing materials identified during Ransom's investigation, except the linoleum sheet flooring in the Maintenance Building, fall within this range. Based on the nature of the materials identified and the concentrations of asbestos fiber detected, re-analysis is not recommended at this time.

A listing of all samples collected, analytical results, and estimated quantities of confirmed ACM can be found in Table 1. A copy of the laboratory analytical report can be found as Attachment C.

Asbestos fibers present potential health hazards when they become airborne. Federal regulations suggest that ACM may be managed in place, as long as it remains intact, undamaged, and in good condition. Current regulations require that asbestos-containing building materials be removed, if they will be disturbed by demolition, renovation, or other building maintenance activities. ACM identified at the Site that will be impacted by proposed renovation or demolition will require removal, prior to the initiation of these activities. ACM abatement should be performed using approved methods in accordance with applicable federal and state regulations. ACM should be removed by a licensed asbestos abatement contractor and in accordance with a project design prepared by a certified asbestos abatement project designer, except where exempt from applicable rules.

Asbestos-containing asphalt-based roofing materials, as well as exterior caulks, glazings, and sealants are exempt from MEDEP asbestos abatement regulations, provided that these materials are removed wholly intact and are not sawed, sanded, grinded, cut, or drilled during demolition or renovation. OSHA regulations still apply and it is generally recommended that State of Maine-licensed asbestos abatement contractors conduct the removal of all ACM identified. Asbestos-containing waste generated from this project would be considered a "special waste" and require disposal in a landfill permitted to accept asbestos.

LEAD-BASED PAINT

An inspection for the presence of LBP was conducted using a direct-reading hand-held X-ray Fluorescence (XRF) analyzer manufactured by Innov-X. The inspection included readings collected from a number of substrates, including wood, concrete, metal, and wallboard. Ransom collected a total of 8

XRF readings from various building components and surfaces associated with the Site Buildings. Testing results are provided in Table 2.

Please note that the LBP inspection conducted during this HMI does not constitute a U.S. EPA/HUD-compliant lead survey.

HUD has established a standard for characterizing LBP as any paint containing 1.0 milligram per square centimeter (mg/cm^2) lead, as tested using an XRF analyzer, or 0.5 percent lead by weight for paint chips. These materials are considered to be "lead-based paint" according to Section 1017 of the *Residential Lead-Based Paint Hazard Reduction Act of 1992* (also referred to as Title X). HUD LBP guidelines only apply to housing funded by the federal government. While they are not regulatory considerations in commercial applications, these guidelines are a useful reference for assessing hazards associated with lead in paint in non-residential settings. When paint contains lead in concentrations greater than 1.0 mg/cm^2 or 0.5 percent by weight, special care should be taken when conducting activities that impact this paint. When surfaces covered in paint containing lead *at any concentration* are impacted by abrasive blasting, torch burning, or similar activities that generate significant dust or fumes, hazardous airborne concentrations can be generated even if the lead content is below the HUD standard.

Lead was detected on painted surfaces at the Site. Given the concentrations detected, and the relatively limited distribution of LBP coated surfaces at the Site, no further action regarding the management or disposal of painted materials at the Site is anticipated. Handling of components coated with lead-containing paint *at any concentration* requires compliance with the OSHA lead standard (*Lead in Construction*, 29 CFR 1926.62). Under the existing conditions, facility maintenance staff or contractors may perform demolition, renovation, abatement, stabilization, cleanup, and daily operations in buildings that have lead-based paint or lead-containing paint, provided that this regulatory requirement is met.

To determine the required method for the disposal of items that are coated with LBP and are not household waste, the U.S. EPA, MEDEP, and/or the waste receiving facility may require representative sampling of the debris to determine the quantity of lead that would be expected to leach into the environment if the debris were disposed of in a landfill. The representative sample(s) would be analyzed by Toxicity Characteristic Leaching Procedure (TCLP). If concentrations are 5 milligrams per liter (mg/l) or greater, the debris must be disposed of as hazardous waste. If concentrations are less than 5 mg/l, the debris is not regulated and materials may be disposed of as general construction debris. To minimize the total volume of hazardous waste (if present), segregating hazardous from non-hazardous waste may be advisable.

SURFICIAL SOIL SCREENING AND LABORATORY TESTING

Ransom performed field screening, and also collected one laboratory sample of surficial soils from the Site building "drip zone", in order to assess for potential impacts to Site soils from the historic flaking and deposition of LBP. The wood and metal doors associated with the Maintenance Building were the only exterior building components that exhibited elevated lead concentrations above the HUD guideline, constituting LBP. XRF readings were taken in the drip zone in front of each of the original door/window openings. After collecting XRF measurements, Ransom collected one confirmatory sample for laboratory analysis from the 0-6" interval, in the location indicating XRF readings in excess of the MEDEP RAG for Residential exposure to lead. The sample was placed in laboratory-supplied glassware, and delivered

under chain-of-custody to Alpha Analytical environmental laboratory of Westborough, Massachusetts (Alpha) for Total Lead analysis, via U.S. EPA Method 6010C.

XRF readings ranged from 18 parts per million (ppm) up to 783 ppm, as measured by XRF. The confirmatory soil sample submitted for laboratory analysis indicated a concentration of 87 milligrams per kilogram (mg/kg) of total lead. Complete XRF and laboratory surficial soil testing results can be found in Table 3, and the laboratory analytical data sheets for this soil sample are included in Attachment C. This HMI was conducted as part of a Phase II Environmental Site Investigation; please note that complete soil analytical results are provided under separate cover.

POLYCHLORINATED BIPHENYLS IN BUILDING MATERIALS

PCBs may be present in building materials (including caulking, glazing, adhesives, and paints) in buildings constructed between 1950 and 1978, particularly in schools and other institutional buildings. Buildings constructed prior to 1950 may also have PCB-containing building products, as a result of renovation projects that may have occurred between 1950 and 1978. PCB-containing building products are considered *PCB bulk product waste* by the U.S. EPA, if the concentration of PCBs in the material is greater than or equal to 50 mg/kg. Building materials with PCB concentrations $\geq$ 50 mg/kg is not authorized for use under *Part 761—Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions* and must be managed accordingly.

The definition of PCB bulk product waste also includes building materials that have been coated or serviced with PCBs. Masonry, wood, metals, and other building materials that are purposely coated with PCB-containing products are regulated as PCB bulk product waste, if the product coating the building materials contains PCBs at concentrations $\geq$ 50 mg/kg *and* subsequently the building materials have concentrations $\geq$ 50 mg/kg as a result of leaching into the substrate.

To evaluate the potential presence of PCBs in building materials, Ransom collected three bulk samples of caulking identified in connection with the Maintenance Building, and one bulk sample of caulking associated with each of the Ash Pond Pump House and Hilton Pond Pump House buildings. One duplicate sample was also submitted, for quality assurance/quality control purposes. The samples were placed in laboratory-supplied glassware, and delivered under chain-of-custody to Alpha for PCB analysis via U.S. EPA Method 8082A and Soxhlet extraction U.S. EPA Method 3540C.

No samples of caulking materials submitted for analysis exhibited PCB concentrations above laboratory reporting limits. Therefore, no caulks applied at the Site Buildings were identified as an unauthorized use under U.S. EPA regulations (i.e., PCB products with concentrations equal to or above 50 mg/kg). Based on the analytical results, these building materials are, therefore, not a regulated waste relative to PCB content, and are exempt under 40 CFR 761, and no remedial actions regarding PCBs in building materials is required at this time.

Laboratory results from PCB testing are provided in Table 4, and the analytical data sheets are included in Attachment C.

OTHER HAZARDOUS AND POTENTIALLY HAZARDOUS MATERIALS

As part of our inspection, Ransom also conducted an assessment for other hazardous and potentially hazardous equipment and fixtures identified at the Site Buildings, typically classified, handled, and disposed as "universal" wastes. A listing of other hazardous and potentially hazardous materials is provided in Table 5. Specifically, Ransom's survey included an inspection for:

Polychlorinated Biphenyls (PCBs)

PCB-containing oil is sometimes found in compressor oils, hydraulics fluids, and the dielectric fluid of older electrical transformers and the capacitors associated with older fluorescent light ballasts. Although electrical equipment is currently required to be properly labeled indicating the presence or absence of PCBs, this has not always been the case. Ransom observed 2 fluorescent light ballasts inside the Maintenance Building and 4 fluorescent light ballasts inside the Ash Pond Pump House which may have PCB-containing components. No overt evidence of a release of PCBs from the fixtures (i.e., leaking fluid) was observed. Fixtures were not visually inspected for the presence of a "No PCBs" label due to safety concerns. As no fixtures were visually inspected, Ransom must presume that those fluorescent light ballasts contain PCBs.

Ransom recommends that ballasts be inspected for the "No PCBs" label prior to demolition or renovation activities. Fluorescent light ballasts without the "No PCBs" label are presumed to contain PCBs and should be managed as hazardous waste and recycled or disposed of in accordance with applicable federal and state regulations. The cost of disposal of these ballasts is typically considerably less than the cost of testing the capacitor fluid for PCB content.

Mercury-Containing Components

Mercury-containing components such as fluorescent light tubes and thermostat switches are classified as Universal Waste and are regulated by the U.S. EPA under 40 CFR Parts 260–273. The Universal Waste Rule provides streamlined management requirements tailored to several different kinds of waste. The types of waste covered by the Universal Waste Rule are frequently thrown in the trash by unregulated households and small businesses. Classifying an item as a Universal Waste provides flexibility for its proper management and can prevent the item from entering municipal waste streams. Instead, it can be readily collected and disposed of at a hazardous waste facility. Ransom observed 4 fluorescent light tubes in the Maintenance Building and 8 fluorescent light tubes in the Ash Pond Pump House. In addition, 3 apparent HID lamps were observed to be stored within the Maintenance Building.

Components presumed to contain mercury should be removed and recycled in accordance with Universal Waste regulations prior to proposed redevelopment activities that may impact them.

Ozone-Depleting Substances

Certain compounds used in air conditioning and refrigeration equipment have been identified by the U.S. EPA as ozone depleting substances (ODS), due to their potential to accelerate the breakdown of stratospheric ozone. The U.S. EPA promulgated regulation 40 CFR 82 (*Protection of Stratospheric Ozone*) under Title VI of the Clean Air Act Amendments of 1990 (CAAA), which includes the phase-out of production and importing of ODS in the United States. Under Title VI of the Clean Air Act (CAA), the U.S. EPA established a schedule for phasing out most ODS by the year 2000, with the implementation of additional controls to minimize ODS emissions for the remaining materials.

Before initiating demolition or renovation activities, the U.S. EPA recommends identifying refrigeration or air-conditioning equipment within a home or building, recovering the refrigerant, and either sending the refrigerant to a U.S. EPA-certified reclaimer, sending the refrigerant to a permitted destruction facility, or safely storing the refrigerant. Section 608 of the CAA prohibits the intentional venting of refrigerants into the atmosphere during the disposal of equipment, although the release of *de minimis* quantities during the process of making good faith efforts to comply with these regulations is not subject to penalty. Ransom did not observe air-conditioning or refrigeration units likely to contain ODS during our inspection.

Heavy Metals

Ransom identified 2 used automobile batteries, which typically containing various heavy metals, in the Maintenance Building. Items presumed to contain heavy metals should be removed and recycled in accordance with Universal Waste regulations prior to proposed redevelopment activities that may impact them.

QUALITY ASSURANCE/QUALITY CONTROL

Bulk asbestos samples were analyzed by Optimum. Bulk caulking samples were analyzed for PCBs, and surficial soil samples were analyzed for lead, by Alpha. Alpha provided analysis and data according to standard operating protocols and laboratory data validation guidance included in Ransom's SSQAPP for the Point East Maritime Village, Wiscasset, Maine site (RFA No. 14028, Addendum No. 38 to Ransom's Generic Quality Assurance Project Plan for Brownfield Sites in Maine). Each lab provided the following information in analytical report:

1. Data results sheets;
2. Duplicate results/acceptance limits;
3. Description of analytical methods and results; and
4. Other pertinent results/limits as deemed appropriate.

As outlined in the SSQAPP and/or our Generic QAPP, at the completion of the field tasks and receipt of the analytical results, a data usability analysis was conducted to document the precision, bias, accuracy, representativeness, comparability, and completeness of the results. The following sections present this analysis.

Precision

Precision measures the reproducibility of measurements. The precision measurement is established using the relative percent difference (RPD) between the duplicate sample results. Duplicate samples of suspect ACM were submitted to the laboratory in accordance with Maine asbestos sampling requirements, which require minimum triplicate analysis of samples in order for a material to be deemed negative for asbestos. Bulk samples of 20 distinct suspects ACM were submitted for triplicate laboratory analysis, 12 of which tested negative for asbestos. Of these 12 samples sets testing negative for asbestos, each of the corresponding triplicate analyses were also consistently non-detect. Duplicate samples of one suspect

caulking were submitted to Alpha for PCB analysis. Both the sample and the duplicate tested below laboratory reporting limits for all PCB congeners. The precision of the sample results is acceptable.

Bias

Bias is the systematic or persistent distortion of a measurement process that causes errors in one direction. Bias assessments are made using personnel, equipment, and spiking materials or reference materials, as independent as possible from those used in the calibration of the measurement system. Bias assessments are typically based on the analysis of spiked samples so that the effect of the matrix on recovery is incorporated into the assessment. A documented spiking protocol and consistency in following that protocol are important to obtaining meaningful data quality estimates.

Matrix spike and matrix spike duplicate samples (MS/MSD) are not required protocols of U.S. EPA Method 600, and were not employed during laboratory analysis for asbestos. Therefore, no determination of laboratory bias was assessed. The Lab Control Spike and Lab Control Spike Duplicate (LCS/LCSD) samples for the PCB analyses did not indicate laboratory bias.

Accuracy

Accuracy is a statistical measurement of correctness and includes components of random error (variability due to imprecision) and systemic error. It therefore reflects the total error associated with a measurement. A measurement is accurate when the value reported does not differ from the true value or known concentration of the spike or standard. For certain chemical analyses, surrogate compound recoveries are used to assess accuracy and method performance for each sample analyzed. Analysis of performance evaluation samples can provide additional information for assessing the accuracy of the analytical data being produced.

The lab provides a non-conformance summary that reports if all of the quality control criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for analysis were within acceptable limits. One of the four surrogate recoveries for the PCB analysis was slightly above the acceptance limit, suggesting the PCB results may be biased high.

Representativeness

Objectives for representativeness are defined for each sampling and analysis task and are a function of the investigative objectives. Representativeness was accomplished during this project through use of standard field, sampling, and analytical procedures. All objectives for sampling and analytical representativeness, as specified in SSQAPP, were met.

Comparability

Comparability is the confidence with which one data set can be compared to another data set. The objective for this QA/QC program is to produce data with the greatest possible degree of comparability. Comparability was achieved by using standard methods for sampling and analysis, reporting data in standard units, normalizing results to standard conditions and using standard and comprehensive reporting formats. Complete field documentation was used, including standardized data collection forms to support the assessment of comparability. Historical comparability shall be achieved through consistent use of methods and documentation procedures throughout the project.

Completeness

Completeness is calculated by comparing the number of samples successfully analyzed to the number of samples collected. The goal for completeness is 95 percent. The completeness for this project was 100 percent, as there were no samples that could not be analyzed due to holding time violations, samples spilled or broken, or any other reason.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this HMI, Ransom makes the following conclusions and recommendations.

1. Asbestos-containing materials were identified in connection with the Site Buildings. Materials identified as ACM that may be impacted by future renovation or demolition of the Site Buildings should be properly removed prior to such activities. Additional suspect materials may also be present;

2. Some painted surfaces inspected exhibited lead concentrations high enough to delineate the materials as "lead-based" according to HUD guidelines. These guidelines apply to federal housing projects and are referenced for comparison purposes only. General and/or demolition contractors may perform demolition of surfaces coated with LBP or lead-containing coatings, provided that the handling of components coated with paint containing lead at any concentration (referred to as lead-containing paint) complies with OSHA's lead standards;

3. Slightly elevated lead concentrations were detected during field-screening of surficial soils tested from the "drip zone" around the Maintenance Building perimeter. Field screening of one sample location (LBP-3) indicated a lead concentration in excess of the MEDEP RAGs for the Residential exposure scenario. However, laboratory analysis of soil collected from this same location indicated a lead concentration below the MEDEP RAG for residential exposure;

4. PCB bulk product waste, as defined under 40 CFR 761(i.e., building materials containing PCBs at concentrations equal to or greater than 50 mg/kg) was not identified in the building materials tested; therefore, no remedial action regarding PCBs in building materials is required at this time;

5. During the course of this investigation, Ransom also inventoried universal waste items at the Site, such as fluorescent lighting fixtures, batteries, etc. that may contain PCBs, mercury, ozone-depleting substances, and/or heavy metals. Disposal of each of these items is also subject to hazardous and/or universal waste disposal requirements; and

6. Based on the conditions observed during our investigation and industry standards in recent years, Ransom has provided estimates for the abatement of ACM and universal wastes identified in connection with the Site Buildings. Our cost estimates represent a most conservative approach, assuming that all materials identified will be removed by MEDEP-licensed abatement personnel and practices. Asbestos-containing roofing materials, exterior caulks and window glazing, and joint compound may be exempt from

MEDEP asbestos abatement regulations, depending on the work practices employed in their removal. Cost savings may be achieved by performing these particular tasks under applicable OSHA requirements, rather than a full regulated abatement approach.

COST ESTIMATES

Based on the conditions observed during our investigation and industry standards in recent years, Ransom has provided estimates for the abatement of the identified asbestos-containing materials, as well as the removal of other hazardous and potentially hazardous materials identified on Site. Cost estimates associated with materials or items presumed to contain asbestos, PCBs, or other hazardous materials may be eliminated, if future testing indicates these materials are negative.

Cost estimates assume that all identified ACM will be abated, regardless of whether the building will be demolished or retained. If the building is to remain, then intact ACM may potentially be managed in place, and **may not require removal**, as long as it remains intact, undamaged, and in good condition.

Asbestos-containing roofing materials, exterior caulks and window glazing, and joint compound may be exempt from MEDEP asbestos abatement regulations, depending on the work practices employed in their removal. Cost savings may be achieved by performing these particular tasks under applicable OSHA requirements, rather than a full regulated abatement approach.

Line-item cost estimates for these materials are provided in Tables 6, 7, and 8. Ransom recommends that these tables be removed and retained prior to providing copies of this report to contractors to obtain competitive bids for this work.

The cost estimates presented are not intended to be quotes for these services, rather engineering cost estimates for project planning purposes. Ransom recommends that competitive contractor bids be solicited for proper abatement and/or disposal of the identified hazardous materials.

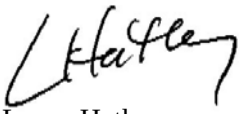
Ms. Mary Ellen Barnes
Lincoln County Regional Planning Commission

If you have any questions regarding the information in this report please do not hesitate to contact any of the undersigned.

Sincerely,

RANSOM CONSULTING, INC.

Erik Phenix
Environmental Scientist



Lucas Hathaway
Hazardous Materials Specialist

Stephen Dyer, P.E.
Principal / Senior Project Manager

EPP/LDH/SJD:med
Attachments

TABLE 1: ASBESTOS TESTING RESULTS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Material	Location	Sample Number	Asbestos Quantity and Type	Estimated Quantity
12 x 12-inch yellow floor tile	Maintenance Building Interior; Office 1	ASB-1A through ASB-1C	NAD	--
12 x 12-inch floor tile mastic	Maintenance Building Interior; Office 1	ASB-2A through ASB-2C	NAD	--
12 x 12-inch ceiling tile	Maintenance Building Interior; Office 1 and Office 2	ASB-3A through ASB-3C	NAD	--
Drywall	Maintenance Building Interior; Office 1	ASB-4A through ASB-4C	NAD	--
Joint Compound	Maintenance Building Interior; Office 1	ASB-5A through ASB-5C	NAD	--
Linoleum Sheet Flooring	**Maintenance Building Interior; Office 2**	**ASB-6A**	**25% Chrysotile**	**400 SF**
		ASB-6B and ASB-6C	**NA/PS**	
Wood Paneling	Maintenance Building Interior; Office 2	ASB-7A through ASB-7C	NAD	--
Window Glazing, Type 1	Maintenance Building Exterior	ASB-8A through ASB-8C	NAD	--
Window/Door Caulking, Type 1	**Maintenance Building Exterior**	**ASB-9A**	**1.12% Chrysotile**	**200 LF**
		ASB-9B and ASB-9C	**NA/PS**	
Window Glazing, Type 2	**Maintenance Building Exterior**	**ASB-10A**	**3.16% Chrysotile**	**2 Each**
		ASB-10B and ASB-10C	**NA/PS**	
Window Caulking, Type 2	**Maintenance Building Exterior**	**ASB-11A**	**2.88% Chrysotile**	
		ASB-11B and ASB-11C	**NA/PS**	

NOTES:

1. Samples were collected on May 26, 2016, by Ransom Consulting, Inc., and were analyzed by Optimum Analytical and Consulting, LLC, of Salem, New Hampshire
2. NA/PS = not analyzed/positive stop. Sample sets are analyzed until asbestos is identified in an amount greater than 1 percent. For example, since asbestos was identified in Sample ASB-6A at 25 percent, Samples ASB-6B and ASB-6C were not analyzed. NAD = no asbestos detected.

TABLE 1: ASBESTOS TESTING RESULTS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Roof Caulking	**Maintenance Building Exterior**	**ASB-12A**	**0.86% Chrysotile**	**280 LF**
		ASB-12B	**1.01% Chrysotile**	
		ASB-12C	**NA/PS**	
Flashing Sealant	Maintenance Building Exterior	ASB-13A through ASB-13C	NAD	--
Fibrous Ceiling Tile	Ash Pond Pump House Interior	ASB-14A through ASB-14C	NAD	--
Door/Window Caulk	Ash Pond Pump House	ASB-15A through ASB-15C	NAD	--
Tar & Gravel Roof	**Ash Pond Pump House**	**ASB-16A**	**6.66% Chrysotile**	**190 SF**
		ASB-16B and ASB-16C	**NA/PS**	
Tar & Gravel Roof	Hilton Pond Pump House	ASB-17A	0.32% Chrysotile	66 SF
		ASB-17B and ASB-17C	NAD	
Foundation Sealant	**Hilton Pond Pump House**	**ASB-18A**	**9.25% Chrysotile**	**66 SF**
		ASB-18B and ASB-18C	**NA/PS**	
Window Glaze	**Hilton Pond Pump House**	**ASB-19A**	**1.15% Chrysotile**	**1 Each**
		ASB-19B and ASB-19C	**NA/PS**	
Door Caulk	**Hilton Pond Pump House**	**ASB-20A**	**1.68% Chrysotile**	**20 LF**
		ASB-20B and ASB-20C	**NA/PS**	

NOTES:

1. Samples were collected on May 26, 2016, by Ransom Consulting, Inc., and were analyzed by Optimum Analytical and Consulting, LLC, of Salem, New Hampshire
2. NA/PS = not analyzed/positive stop. Sample sets are analyzed until asbestos is identified in an amount greater than 1 percent. For example, since asbestos was identified in Sample ASB-6A at 25 percent, Samples ASB-6B and ASB-6C were not analyzed. NAD = no asbestos detected.

TABLE 2: LEAD-BASED PAINT TESTING RESULTS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Reading Number	Color/Substrate/Component	Location	Lead Concentration (mg/cm^2)
1	**Green wood/metal doors**	**Maintenance Building Exterior**	**>5.00**
2	Green wood front door	Maintenance Building Exterior	0.54
3	White drywall	Maintenance Building Interior, Office 1	BDL
4	**Green metal roof truss**	**Maintenance Building Interior**	**2.36**
5	White concrete block	Ash Pond Pump House Interior	BDL
6	Green concrete block	Ash Pont Pump House Interior	<0.01
7	Light green concrete block	Ash Pond Pump House Exterior	0.00
8	Green metal door and flashing	Hilton Pond Pump House	0.02

NOTES:

1. Samples were analyzed on March 26, 2016 by Ransom Consulting, Inc. using an Innov-X brand hand-held x-ray fluorescence analyzer.
2. The HUD threshold concentration for LBP is 1.0 milligrams lead per square centimeter (mg/cm2), or 0.5 percent lead by weight for paint chips. Concentrations exceeding the HUD threshold concentration are shown in bold.
3. BDL = Below instrument detection limit (0.01 mg/cm2)

TABLE 3: SURFICIAL SOIL TESTING RESULTS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Sample Location	Field Screening Identification	XRF Reading Lead (ppm)	Lab Sample Identification	Laboratory Analytical Results Lead (mg/kg)
Drip edge: Maintenance Building, north side	LBP-1	18	NS	--
	LBP -2	183	NS	--
	LBP -3	**783**	Maintenance Bldg LBP-3	87
	LBP -4	58	NS	--
Drip edge: Maintenance Building, east side	LBP-5	64	NS	--
	LBP-6	132	NS	--
Drip edge: Maintenance Building, south side	LBP-7	242	NS	--
	LBP-8	156	NS	
	LBP-9	269	NS	--
	LBP-10	202	NS	
Drip edge: Maintenance Building, west side	LBP-11	84	NS	
	LBP-12	60	NS	--

NOTES:

1. Laboratory samples were collected on May 26, 2016 by Ransom Consulting, Inc. and were analyzed by Alpha Analytical environmental lab of Westborough, Massachusetts.
2. BRL ( ) = below reporting limit indicated in parentheses.
3. Values in **boldface** type indicate Lead concentrations which exceed a concentration of 340 mg/kg, the MEDEP risk-based Remedial Action Guideline (RAG) for Residential use.

TABLE 4: POLYCHLORINATED BIPHENYL TESTING RESULTS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Sample Identification	**Sample Matrix**	**Total PCBs (milligrams per kilogram [mg/kg])**
Maintenance Building Window/Door Type 1	Caulk	BRL (0.946)
Maintenance Building Roof Caulking	Caulk	BRL (0.0978)
Maintenance Building Window Type 2 Caulking	Caulk	BRL (0.114)
Hilton Pond Pump House Door Caulk	Caulk	BRL (1.010)
Ash Pond Pump House Door/Window Caulk	Caulk	BRL (1.010)
Caulking DUP	Caulk	BRL(0.169)

NOTES:

1. Samples were collected on May 26, 2016 by Ransom Consulting, Inc. and were analyzed by Alpha Analytical environmental lab of Westborough, Massachusetts.
2. BRL ( ) = below reporting limit indicated in parentheses.
3. Values in **boldface** type indicate PCB concentrations which exceed a concentration of 50 mg/kg and are considered PCB Bulk Product Waste.

TABLE 5: INVENTORY OF OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Component	Hazard	Location	Quantity
Fluorescent light ballasts	PCBs	Maintenance Building	2
Fluorescent light tubes	Mercury	Maintenance Building	4
HID Lamps	Mercury	Maintenance Building	3
Automobile Batteries	Heavy metals	Maintenance Building	2
Fluorescent light ballasts	PCBs	Ash Pond Pump House	4
Fluorescent light tubes	Mercury	Ash Pond Pump House	8

NOTES:

1. Electric lighting fixtures were not disassembled for inspection as part of this survey. For budgeting purposes, it is assumed that each fluorescent fixture/ballast observed contains PCBs. Ransom recommends that each ballast be inspected during renovation/demolition phase for the presence of PCB labeling.

TABLE 6: REMOVAL COST ESTIMATE FOR CONFIRMED/PRESUMED ASBESTOS-CONTAINING MATERIALS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Material	Location	Quantity[1]	Unit Cost	Total
Maintenance Building				
Linoleum Sheet Flooring	Interior, Office 2	400 SF	$4	$1,600
Window/Door Caulking	Exterior	240 LF	$8	$1,920
Window Glazing, Type 2	Exterior	2 Each	$150	$300
Roof Caulking	Exterior	280 LF	$8	$2,240
				Sub-Total: $6,060
Ash Pond Pump House				
Tar & Gravel Roof	Exterior	190 SF	$4	$760
				Sub-Total: $760
Hilton Pond Pump House				
Foundation Sealant	Exterior	1 Each	$1,500	$1,500
Window Glazing	Exterior	1 Each	$150	$150
Door Caulking	Exterior	20 LF	$8	$160
				Sub-Total: $1,810
			Confirmed/Presumed Asbestos Abatement Subtotal:	$8,630
			Contingency[5]:	$1,000
			Estimated Consultant Fee[6]:	$2,500
			TOTAL ESTIMATED ASBESTOS ABATEMENT COST:	**$12,130**

NOTES:

1. SF = Square Feet; LF = Linear Feet
2. Removal of ACM exterior caulks, sealants, asphalt-based roofing, and joint compound in its existing application is not regulated under MEDEP asbestos rules. These materials may be removed by general/demolition workers, provided appropriate training and worker protection measures are followed, as required by OSHA.
3. Price is based on removal by certified asbestos abatement workers. Actual cost may be somewhat less if conducted by general demolition workers with appropriate OSHA training and protections.
4. A contingency is added to cover potential hidden costs and market variability.
5. A consultant fee is added to cover the costs of abatement design, oversight, and final air clearances.

TABLE 7: REMOVAL COST ESTIMATE FOR OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS
Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

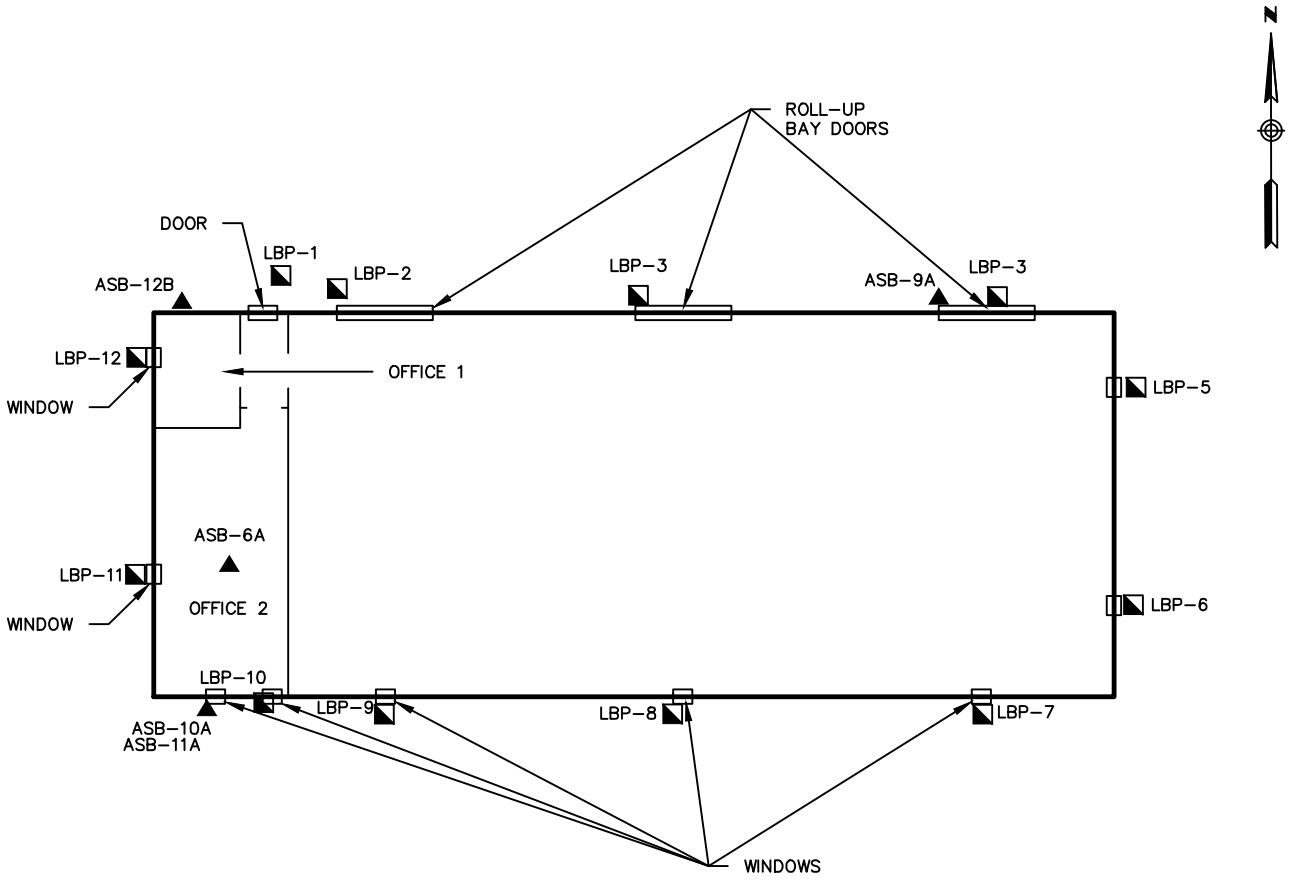
Material	Quantity	Unit Cost	Total
Maintenance Building			
Fluorescent light ballasts	2	$12	$24
Fluorescent light tubes	4	$4	$16
HID Lamps	3	$30	$90
Automobile Batteries	2	$35	$70
			Sub-Total: $200
Ash Pond Pump House			
Fluorescent light ballasts	4	$12	$48
Fluorescent light tubes	8	$4	$32
			Sub-Total: $80
Subtotal for Hazardous Materials Removal[1]:			**$280**
Contingency[2]:			**$100**
TOTAL ESTIMATED OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS REMOVAL COST:			**$380**

NOTES:

1. Cost estimates presented assume disposal of all fluorescent ballasts as PCB-containing. A cost savings may be achieved if some ballasts are determined to be non-PCB.
2. A contingency is added to cover potential hidden costs and market variability.

TABLE 8: TOTAL REMOVAL COSTS
Hazardous Materials Inventory
Point East Maratime Village
Birch Point Road
Wiscasset, Maine

Materials	**Estimated Removal Cost**
Confirmed/presumed asbestos-containing materials	$12,130
Other hazardous/potentially hazardous materials	$380
TOTAL:	**$12,510**



LEGEND:

ABS-6A ▲ SAMPLE TESTING POSITIVE FOR ASBESTOS

LBP-8 ◪ LEAD IN SOIL SCREENING LOCATION

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 26, 2016.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR LINCOLN COUNTY REGIONAL PLANNING COMMISSION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

0 10 20 40

SCALE in FEET
1"=20'

RANSOM Consulting, Inc.

PREPARED FOR:
LINCOLN COUNTY REGIONAL PLANNING COMMISSION
297 BATH ROAD
WISCASSET, MAINE

SITE:
POINT EAST MARITIME VILLAGE
BIRCH POINT ROAD
WISCASSET, MAINE

MAINTENANCE BUILDING

DATE: JUNE 2016
PROJECT: 131.06156
FIGURE: 1

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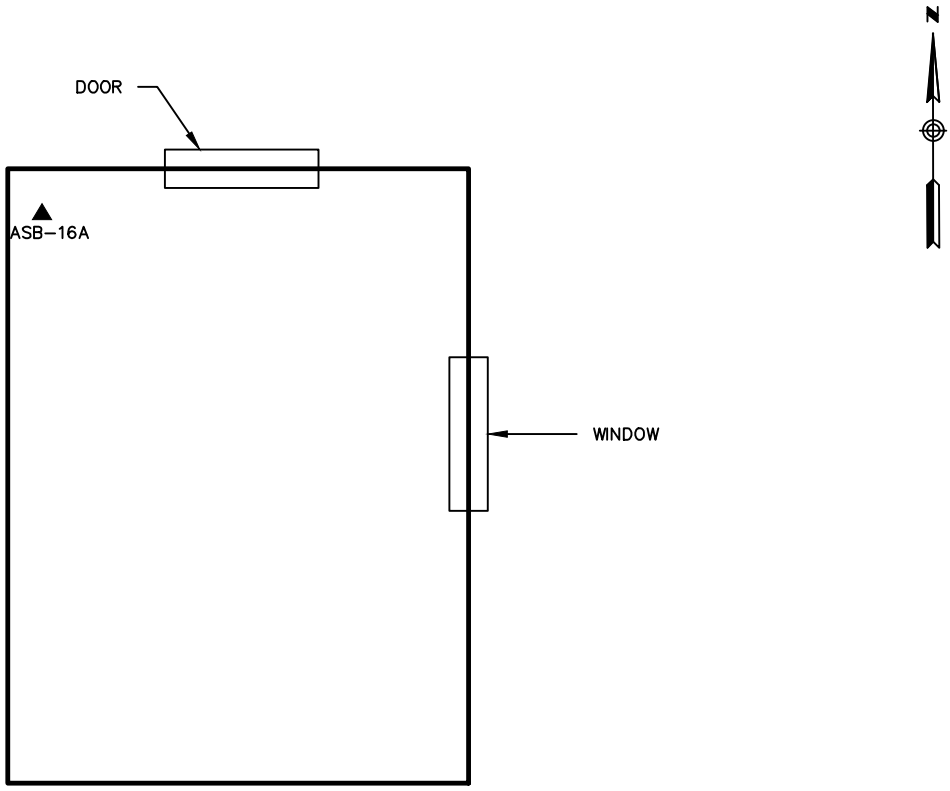

LEGEND:

▲ ASB-16A SAMPLE TESTING POSITIVE FOR ASBESTOS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 26, 2016.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR LINCOLN COUNTY REGIONAL PLANNING COMMISSION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

0 2.5 5 10

SCALE in FEET
1"=5'

RANSOM Consulting, Inc.

PREPARED FOR:
LINCOLN COUNTY REGIONAL PLANNING COMMISSION
297 BATH ROAD
WISCASSET, MAINE

SITE:
POINT EAST MARITIME VILLAGE
BIRCH POINT ROAD
WISCASSET, MAINE

ASH POND PUMP HOUSE

DATE: JUNE 2016
PROJECT: 131.06156
FIGURE: 2

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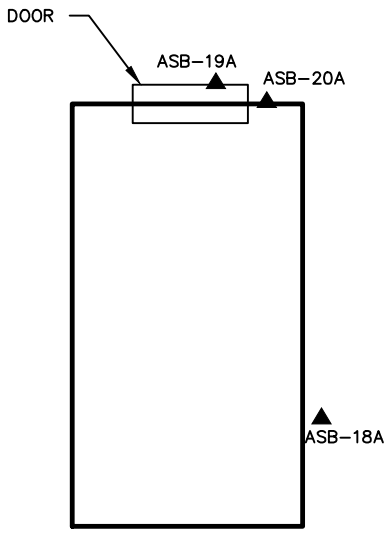

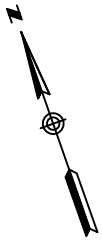

LEGEND:

▲ ASB-18A SAMPLE TESTIN G POSITIVE FOR ASBESTOS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 26, 2016.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR LINCOLN COUNTY REGIONAL PLANNING COMMISSION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

SCALE in FEET
1"=5'

RANSOM Consulting, Inc.

PREPARED FOR:
LINCOLN COUNTY REGIONAL PLANNING COMMISSION
297 BATH ROAD
WISCASSET, MAINE

SITE:
POINT EAST MARITIME VILLAGE
BIRCH POINT ROAD
WISCASSET, MAINE

HILTON POND PUMP HOUSE

DATE: JUNE 2016
PROJECT: 131.06156
FIGURE: 3

O:\ME-DWGS\2013\131.06156\131.06156-POINT EAST HMI.dwg Jun 20, 2016 - 2:40pm

ATTACHMENT A

Photograph Log

Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

Photograph Log

View of Maintenance Building, looking west

Maintenance Building, Office 2, Linoleum sheet flooring, (sample set ASB-6)

Maintenance Building, window/door Type 1, with ACM caulk

Maintenance Building, window/door caulk Type 1, (sample set ASB-9)

Maintenance Building, window caulking and glazing Type 2 (sample sets ASB-10 and ASB-11)

Maintenance Building exterior roof caulking (sample set ASB-12)

Photograph Log

Ash Pond Pump House (in foreground)

Ash Pond Pump House, tar and gravel roof (sample set ASB-16)

Hilton Pond Pump House

Hilton Pond Pump House foundation sealant (sample set ASB-18)

Hilton Pond Pump House, window glaze and door caulk (sample sets ASB-19 and ASB-20)

Hilton Pond Pump House, showing water in vault beneath the pump house building

ATTACHMENT B

Certifications

Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

State of Maine
Department of Environmental Protection

LICENSE

Ransom Consulting, Inc.

Asbestos Consultant
(Inspection only)

License Number: SI-0093

Expiration Date: 10/31/2016

State of Maine
Asbestos Abatement Program

Eriksen P. Phenix

Inspector
Cert No. AI-0560
Trn.Exp.Date 05/26/2016

Expiration Date **05/31/2016**

This is not a legal form of official identification

This is to certify that

Erik Phenix

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education, Inc.
16 Upton Drive Wilmington, MA 01887

May 26, 2015
Course Dates

15-0222-106-238212
Certificate Number

May 26, 2015
Examination Date

May 26, 2016
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

State of Maine
Department of Environmental Protection

LICENSE

Optimum Analytical & Consulting, LLC

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0067

Expiration Date: 03/31/2017

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101433-0

Optimum Analytical & Consulting LLC

Salem, NH

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-04-01 through 2017-03-31

Effective Dates

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

David F. Alderman

For the National Voluntary Laboratory Accreditation Program

ATTACHMENT C

Laboratory Reports

Hazardous Materials Inventory
Point East Maritime Village
Birch Point Road
Wiscasset, Maine

OPTIMUM
Analytical and Consulting, LLC

85 Stiles Road, Suite 201
Salem, NH 03079
603-458-5247

Steve Dyer
Ransom Consulting
400 Commercial Street, Portland, ME

Project Reference:	R131.06156.011
Laboratory Batch #:	1616181
Date Samples Received:	05/31/2016
Date Samples Analyzed:	06/07/2016
Date of Final Report:	06/08/2016

SAMPLE IDENTIFICATION:

Sixty Nine (69) samples from Point East Maritime Village; Birch Point Rd., Wiscasset, ME project were submitted by E. Phenix on 2016/05/31

This bulk sample(s) was delivered to Optimum Analytical Consulting, LLC (Optimum) located in Salem, New Hampshire for asbestos content determination.

ANALYTICAL METHOD:

Analytical procedures were performed in accordance with the U.S. Environmental Protection Agency (EPA) Recommended Method for the Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-600/M4-82-020, EPA-600/ R-93-116). This report relates only to those samples analyzed, and may not be indicative of other similar appearing materials existing at this, or other sites. Quantification of asbestos content was determined by Calibrated Visual Estimation. Optimum is not responsible for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

In any given material, fibers with a small diameter (<0.25mm) may not be detected by the PLM method. Floor tile and other resinously bound material may yield a false negative if the asbestos fibers are too small to be resolved using PLM. Additional analytical methods may be required. Optimum recommends using Transmission Electron Microscopy (TEM) for a more definitive analysis.

Optimum will retain all samples for a minimum of three months. Further analysis or return of samples must be requested within this three month period to guarantee their availability. This report may not be reproduced except in full, without the written approval of Optimum Analytical and Consulting, LLC.

Use of the NVLAP and AIHA Logo in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology or the American Industrial Hygiene Association.

Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Point Count = .25%, 1000 Point Count = 0.1%; Present or Absent are observations made during a qualitative analysis.

This report is considered preliminary until signed by both the Laboratory Analyst and Laboratory Director or Supervisor. If you have any questions regarding this report, please do not hesitate to contact us.

Jamie L. Noel
Laboratory Director

Kristina Scaviola
Laboratory Supervisor

NVLAP Lab ID#: 101433-0

OPTIMUM
Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Ransom Consulting
ADDRESS: 400 Commercial Street, Portland, ME
CITY / STATE / ZIP:
CONTACT: Steve Dyer
DESCRIPTION: PLM Analysis
LOCATION: Point East Maritime Village; Birch Point Rd., Wiscasset, ME

ORDER #: 1616181
PROJECT #: R131.06156.011
DATE COLLECTED: 05/26/2016
COLLECTED BY: E. Phenix
DATE RECEIVED: 05/31/2016
ANALYSIS DATE: 06/07/2016
REPORT DATE: 06/08/2016
ANALYST: Kristina Scaviola

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-001 ASB-1A	Maintenance Building Interior; Office 1 12x12 Inch Floor Tile, Yellow	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-002 ASB-1B	Maintenance Building Interior; Office 1 12x12 Inch Floor Tile, Yellow	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-003 ASB-1C	Maintenance Building Interior; Office 1 12x12 Inch Floor Tile, Yellow	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-004 ASB-2A	Maintenance Building Interior; Office 1 12x12 Inch Floor Tile Mastic, Tan	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	3% 97%
1616181-005 ASB-2B	Maintenance Building Interior; Office 1 12x12 Inch Floor Tile Mastic, Tan	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	3% 97%
1616181-006 ASB-2C	Maintenance Building Interior; Office 1 12x12 Inch Floor Tile Mastic, Tan	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	3% 97%
1616181-007 ASB-3A	Maintenance Building Interior; Office 1 and Office 2 12x12 Inch Ceiling Tile, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
1616181-008 ASB-3B	Maintenance Building Interior; Office 1 and Office 2 12x12 Inch Ceiling Tile, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
1616181-009 ASB-3C	Maintenance Building Interior; Office 1 and Office 2 12x12 Inch Ceiling Tile, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%

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Analytical and Consulting, LLC

BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Ransom Consulting
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REPORT OF ANALYSIS

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1616181-010 ASB-4A	Maintenance Building Interior; Office 1 Drywall, White	LAYER 1 100%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	10% 1% 89%
1616181-011 ASB-4B	Maintenance Building Interior; Office 1 Drywall, White	LAYER 1 100%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	10% 1% 89%
1616181-012 ASB-4C	Maintenance Building Interior; Office 1 Drywall, White	LAYER 1 100%	None Detected		Cellulose Fiber Fibrous Glass Non-Fibrous Material	10% 1% 89%
1616181-013 ASB-5A	Maintenance Building Interior; Office 1 Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-014 ASB-5B	Maintenance Building Interior; Office 1 Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-015 ASB-5C	Maintenance Building Interior; Office 1 Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-016 ASB-6A	Maintenance Building Interior; Office 2 Linoleum, Gray	LAYER 1 100%	Chrysotile	25%	Cellulose Fiber Non-Fibrous Material	30% 45%
1616181-017 ASB-6B	Maintenance Building Interior; Office 2 Linoleum, Positive Stop	LAYER 1 100%				
1616181-018 ASB-6C	Maintenance Building Interior; Office 2 Linoleum, Positive Stop	LAYER 1 100%				

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REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-019 ASB-7A	Maintenance Building Interior; Office 2 Wood Paneling, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	99% 1%
1616181-020 ASB-7B	Maintenance Building Interior; Office 2 Wood Paneling, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	99% 1%
1616181-021 ASB-7C	Maintenance Building Interior; Office 2 Wood Paneling, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	99% 1%
1616181-022 ASB-8A	Maintenance Building Exterior Window Type 1 Glazing, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-023 ASB-8B	Maintenance Building Exterior Window Type 1 Glazing, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-024 ASB-8C	Maintenance Building Exterior Window Type 1 Glazing, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-025 ASB-9A	Maintenance Building Exterior Window/Door Caulking Type 1, White	LAYER 1 100%	Chrysotile	1.12%	Cellulose Fiber Non-Fibrous Material	1% 97.88%
1616181-026 ASB-9B	Maintenance Building Exterior Window/Door Type 1 Caulking, White Note: Positive Stop	LAYER 1 100%				
1616181-027 ASB-9C	Maintenance Building Exterior Window/Door Type 1 Caulking, White Note: Positive Stop	LAYER 1 100%				
1616181-028 ASB-10A	Maintenance Building Exterior Window Type 2 Glazing, White	LAYER 1 100%	Chrysotile	3.16%	Cellulose Fiber Non-Fibrous Material	1% 95.84%

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CITY / STATE / ZIP:		**DATE COLLECTED:**	05/26/2016
CONTACT:	Steve Dyer	**COLLECTED BY:**	E. Phenix
DESCRIPTION:	PLM Analysis	**DATE RECEIVED:**	05/31/2016
LOCATION:	Point East Maritime Village; Birch Point Rd., Wiscasset, ME	**ANALYSIS DATE:**	06/07/2016
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		ANALYST:	Kristina Scaviola

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-029 ASB-10B	Maintenance Building Exterior Window Type 2 Glazing, Positive Stop	LAYER 1 100%				
1616181-030 ASB-10C	Maintenance Building Exterior Window Type 2 Glazing, Positive Stop	LAYER 1 100%				
1616181-031 ASB-11A	Maintenance Building Exterior Window Type 2 Caulking, Black	LAYER 1 100%	Chrysotile	2.88%	Cellulose Fiber Non-Fibrous Material	2% 95.12%
1616181-032 ASB-11B	Maintenance Building Exterior Window Type 2 Caulking, Positive Stop	LAYER 1 100%				
1616181-033 ASB-11C	Maintenance Building Exterior Window Type 2 Caulking, Positive Stop	LAYER 1 100%				
1616181-034 ASB-12A	Maintenance Building Exterior Roof Caulking, Gray	LAYER 1 100%	Chrysotile	0.86%	Cellulose Fiber Non-Fibrous Material	1% 98.14%
1616181-035 ASB-12B	Maintenance Building Exterior Roof Caulking, Gray	LAYER 1 100%	Chrysotile	1.01%	Cellulose Fiber Non-Fibrous Material	1% 97.99%
1616181-036 ASB-12C	Maintenance Building Exterior Roof Caulking, Positive Stop	LAYER 1 100%				
1616181-037 ASB-13A	Maintenance Building Exterior Flashing Sealant, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-038 ASB-13B	Maintenance Building Exterior Flashing Sealant, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%

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BULK SAMPLE ANALYSIS REPORT
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DESCRIPTION: PLM Analysis
LOCATION: Point East Maritime Village; Birch Point Rd., Wiscasset, ME

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REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-039 ASB-13C	Maintenance Building Exterior Flashing Sealant, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-040 ASB-14A	Ash Pond Pump House Interior Fibrous Ceiling Tile, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
1616181-041 ASB-14B	Ash Pond Pump House Interior Fibrous Ceiling Tile, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
1616181-042 ASB-14C	Ash Pond Pump House Interior Fibrous Ceiling Tile, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
1616181-043 ASB-15A	Ash Pond Pump House Exterior Door/ Window Caulk, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-044 ASB-15B	Ash Pond Pump House Exterior Door/ Window Caulk, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-045 ASB-15C	Ash Pond Pump House Exterior Door/ Window Caulk, White	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
1616181-046 ASB-16A	Ash Pond Pump House Exterior Tar & Gravel Roof, Black	LAYER 1 100%	Chrysotile	6.66%	Cellulose Fiber Non-Fibrous Material	30% 63.44%
1616181-047 ASB-16B	Ash Pond Pump House Exterior Tar & Gravel Roof, Positive Stop	LAYER 1 100%				
1616181-048 ASB-16C	Ash Pond Pump House Exterior Tar & Gravel Roof, Positive Stop	LAYER 1 100%				

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-049 ASB-17A	Hilton Pond Pump House Exterior Tar & Gravel Roof, Black	LAYER 1 100%	Chrysotile	0.32%	Cellulose Fiber Non-Fibrous Material	50% 49.68%
1616181-050 ASB-17B	Hilton Pond Pump House Exterior Tar & Gravel Roof, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	50% 50%
1616181-051 ASB-17C	Hilton Pond Pump House Exterior Tar & Gravel Roof, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	50% 50%
1616181-052 ASB-18A	Hilton Pond Pump House Exterior Foundation Sealant, Black	LAYER 1 100%	Chrysotile	9.25%	Cellulose Fiber Non-Fibrous Material	15% 75.75%
1616181-053 ASB-18B	Hilton Pond Pump House Exterior Foundation Sealant, Positive Stop	LAYER 1 100%				
1616181-054 ASB-18C	Hilton Pond Pump House Exterior Foundation Sealant, Positive Stop	LAYER 1 100%				
1616181-055 ASB-19A	Hilton Pond Pump House Exterior Window Glazing, Beige	LAYER 1 100%	Chrysotile	1.15%	Cellulose Fiber Non-Fibrous Material	1% 97.85%
1616181-056 ASB-19B	Hilton Pond Pump House Exterior Window Glazing, Positive Stop	LAYER 1 100%				
1616181-057 ASB-19C	Hilton Pond Pump House Exterior Window Glazing, Positive Stop	LAYER 1 100%				
1616181-058 ASB-20A	Hilton Pond Pump House Exterior Door Caulk, White/Green	LAYER 1 100%	Chrysotile	1.68%	Cellulose Fiber Non-Fibrous Material	2% 96.32%

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-059 ASB-20B	Hilton Pond Pump House Exterior Door Caulk, Positive Stop	LAYER 1 100%				
1616181-060 ASB-20C	Hilton Pond Pump House Exterior Door Caulk, Positive Stop	LAYER 1 100%				
1616181-061 TP201-S1-052616	Surficial Soil Sample Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	Present Present
1616181-062 TP202-S1-052616	Surficial Soil Sample Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	Present Present
1616181-063 TP203-S1-052616	Surficial Soil Sample Brown	LAYER 1 100%	Chrysotile	Present	Cellulose Fiber Non-Fibrous Material	Present Present
1616181-064 TP203-S3-052616	Subsurface Soil Sample Brown	LAYER 1 100%	Chrysotile	Present	Cellulose Fiber Non-Fibrous Material	Present Present
1616181-065 TP204-S1-052616	Surficial Soil Sample Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	Present Present
1616181-066 TP204-S2-052616	Subsurface Soil Sample Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	Present Present
1616181-067 TP205-S1-052616	Surficial Soil Sample Brown	LAYER 1 100%	Chrysotile	Present	Cellulose Fiber Non-Fibrous Material	Present Present
1616181-068 TP206-S1-052616	Surficial Soil Sample Brown	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	Present Present

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BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

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REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1616181-069	Subsurface Soil Sample					
TP-DUP	Brown	LAYER 1	None Detected		Cellulose Fiber	Present
		100%			Non-Fibrous Material	Present

SOP:EIA-INGASED2.SOP
Asbestos in Sediments/Soils
1/11/99

Analyst Signatory: _____
Kristina Scaviola

NVLAP®
Lab Code: 101433-0

OPTIMUM
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Salem, NH 03079

OPTIMUM ANALYTICAL AND CONSULTING, LLC 1616181 603-458-5247

Chain of Custody

Analysis and TAT:	4-6 Hour	24 Hour	48 Hour	Standard (3-5 day)	Standard (6-10 Day)	Comments (please indicate other test specific information here):
PLM				X		Qualitative Analysis for soil samples
PCM						
Mold	Not Available					
Lead	Not Available					
TEM (air or bulk)	Not Available					

Sampler: E. Phenix	Location Samples Collected: Birch Point Rd.	Positive Stop Analysis	yes X No
Project Manager: Steve Dyer	Email: ephenix@ransomenv.com	Phone Number:	207-772-2891
Project Information: Point East Maritime Village, Birch Point Road, Wiscasset, ME #R131.06156.011		Company Name and Address: Ransom Consulting Inc. 400 Commercial Street, Portland, ME	

Sample Number	Description and location	Time and Temperature at collection:
ASB-1 A, B and C	12 X 12-inch floor tile Maintenance Building Interior; Office 1	
ASB-2 A, B and C	12 X 12-inch floor tile mastic Maintenance Building Interior; Office 1	
ASB-3 A, B and C	12 X 12-inch Ceiling Tile Maintenance Building Interior; Office 1 and Office 2	
ASB-4 A, B and C	Drywall Maintenance Building Interior; Office 1	
ASB-5 A, B and C	Joint Compound Maintenance Building Interior; Office 1	
ASB-6 A, B and C	Lenoleum Sheet Flooring Maintenance Building Interior; Office 2	
ASB-7 A, B and C	Wood Paneling Maintenance Building Interior; Office 2	
ASB-8 A, B and C	Window Type 1 Glazing Maintenance Building Exterior	
ASB-9 A, B and C	Window/Door Type 1 Caulking Maintenance Building Exterior	
ASB-10 A, B and C	Window Type 2 Glazing Maintenance Building Exterior	
ASB-11 A, B and C	Window Type 2 Caulking Maintenance Building Exterior	
ASB-12 A, B and C	Roof Caulking Maintenance Building Exterior	
ASB-13 A, B and C	Flashing Sealant Maintenance Building Exterior	
ASB-14 A, B and C	Fiberous Ceiling Tile Ash Pond Pump House Interior	
ASB-15 A, B and C	Door/Window Caulk Ash Pond Pump House exterior	

The EPA Requires that layered samples be separated; Please indicate if a sample is to be analyzed as a composite. NY State requires positive friable samples to be point counted; Negative NOB samples require additional TEM analysis to be confirmed Negative.

Secure Shipping

Relinquished by: Eric Phenix Date 5/27/16 Time 15:00 Received By: [illegible] Date: 5/31/16 Time

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		ANALYST:	Kristina Scaviola

85 Stiles Road, Suite 201
Salem, NH 03079

OPTIMUM ANALYTICAL AND CONSULTING, LLC 1616181 (603)-458-5247

Sample Number	Description and location	Time and Temperature at collection:
ASB-16 A, B and C	Tar & Gravel Roof Ash Pond Pump House exterior	
ASB-17 A, B and C	Tar & Gravel Roof Hilton Pond Pump House exterior	
ASB-18 A, B and C	Foundation Sealant Hilton Pond Pump House exterior	
ASB-19 A, B and C	Window Glaze Hilton Pond Pump House exterior	
ASB-20 A, B and C	Door Caulk Hilton Pond Pump House exterior	
TP201-S1-052616	Surficial Soil Sample	8:45
TP202-S1-052616	Surficial Soil Sample	9:15
TP203-S1-052616	Surficial Soil Sample	9:20
TP203-S3-052616	Subsurface Soil Sample	9:30
TP204-S1-052616	Surficial Soil Sample	9:50
TP204-S2-052616	Subsurface Soil Sample	10:00
TP205-S1-052616	Surficial Soil Sample	10:15
TP206-S1-052616	Surficial Soil Sample	10:40
TP-DUP	Subsurface Soil Sample	9:30

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Relinquished by: Eric Phenix Date 5/27/16 Time 15:00 → Secure Shipping

Received By: [illegible] Date: 5/31/16 Time

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Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Ransom Consulting
ADDRESS: 400 Commercial Street, Portland, ME
CITY / STATE / ZIP:
CONTACT: Steve Dyer
DESCRIPTION: PLM Analysis
LOCATION: Point East Maritime Village; Birch Point Rd., Wiscasset, ME

ORDER #: 1616181
PROJECT #: R131.06156.011
DATE COLLECTED: 05/26/2016
COLLECTED BY: E. Phenix
DATE RECEIVED: 05/31/2016
ANALYSIS DATE: 06/07/2016
REPORT DATE: 06/08/2016
ANALYST: Kristina Scaviola

Non-Friable Organically Bound Gravimetric Reduction Worksheet

Batch Number 1616181 Prep Date: 6/5/16 Prep Analyst: KS

Sample ID:	Crucible ID	Crucible Weight A	Sample Weight B	Crucible + Ashed Sample C	Ashed Sample Weight D= (C-A)	% Reduction of Sample: (D/B)*100	Filter Weight G	Ashed Sub-Sample Weight H	Filtered Sample Weight I	Acid Insoluble Inorganic Weight : J= I-G	% Reduction k= (J*100)/H	CVE % Asbestos in Residue	% Asbestos =(K* CVE %/ Asb)*100	Asbestos Type	Prep 1	Prep 2	Prep 3	Prep 4
ASB-1A	27	24.045	0.255	24.294	0.249	97.27%	0.037	0.249	0.043	0.006	2.41%	0.00%	0.00%					
ASB-1B	67	26.456	0.327	26.773	0.317	96.94%	0.04	0.317	0.043	0.003	0.95%	0.00%	0.00%					
ASB-1C	101	26.969	0.435	27.325	0.416	95.63%	0.041	0.416	0.049	0.008	1.92%	0.00%	0.00%					
ASB-2A	23	24.135	0.159	24.211	0.076	47.80%	0.04	0.076	0.094	0.054	71.05%	0.00%	0.00%					
ASB-2B	47	23.055	0.180	23.153	0.0985	54.72%	0.039	0.0985	0.102	0.063	63.96%	0.00%	0.00%					
ASB-2C	100	27.645	0.202	27.753	0.108	53.47%	0.04	0.108	0.109	0.069	63.89%	0.00%	0.00%					
ASB-8a	103	26.055	0.177	26.222	0.167	94.35%	0.042	0.167	0.075	0.033	19.76%	0.00%	0.00%					
ASB-8B		24.540	0.223	24.743	0.203	91.03%	0.036	0.203	0.086	0.05	24.63%	0.00%	0.00%					
ASB-8C	C	28.235	0.178	28.401	0.166	93.26%	0.046	0.166	0.087	0.041	24.70%	0.00%	0.00%					
ASB-9A	V	25.127	0.363	25.254	0.127	34.99%	0.042	0.127	0.099	0.057	44.88%	2.50%	1.12%	Chrys	3	2	3	2
ASB-9B	61	26.890	0.452	27.053	0.163	36.06%	0.042	0.163	0.138	0.096	58.90%	PS						
ASB-9C	75	27.262	0.557	27.438	0.176	31.60%	0.043	0.176	0.116	0.073	41.48%	PS						
ASB-10A	71	30.483	0.162	30.596	0.113	69.75%	0.043	0.113	0.127	0.084	74.34%	4.25%	3.16%		5	6	4	2
ASB-10B	214	25.658	0.145	25.765	0.107	73.79%	0.04	0.107	0.137	0.097	90.65%	PS						
ASB-10C	E	28.342	0.263	28.521	0.179	68.06%	0.041	0.179	0.078	0.037	20.67%	PS						
ASB-11A	217	24.668	0.176	24.786	0.118	67.05%	0.04	0.118	0.06	0.02	16.95%	17.00%	2.88%	Chrys	11	15	23	19
ASB-11B	59	24.271	0.455	24.414	0.143	31.43%	0.041	0.143	0.09	0.049	34.27%	2.50%	0.86%	Chrys	2	3	3	2
ASB-12A	A	24.783	0.263	24.876	0.093	35.38%	0.038	0.093	0.072	0.034	36.56%	2.75%	1.01%		2	4	2	3
ASB-12B	12	25.269	0.336	25.38	0.111	33.04%	0.038	0.111	0.078	0.04	36.04%	0.00%	0.00%					
ASB-12C	53	23.742	0.194	23.855	0.113	58.25%	0.041	0.113	0.054	0.013	11.50%	0.00%	0.00%					
ASB-13A	55	23.969	0.251	24.126	0.137	54.58%	0.04	0.137	0.052	0.012	8.76%	0.00%	0.00%					
ASB-13B	70A	25.581	0.465	25.83	0.249	53.55%	0.04	0.249	0.071	0.031	12.45%	0.00%	0.00%					
ASB-13C	26	28.037	0.115	28.111	0.074	64.35%	0.039	0.074	0.058	0.019	25.68%	0.00%	0.00%					
ASB-15A	76	25.232	0.159	25.329	0.097	61.01%	0.043	0.097	0.067	0.024	24.74%	0.00%	0.00%					
ASB-15B	22	23.077	0.193	23.19	0.113	58.55%	0.041	0.113	0.068	0.027	23.89%	0.00%	0.00%					
ASB-15C	50	24.159	0.624	24.376	0.217	34.78%	0.041	0.217	0.164	0.123	56.68%	11.75%	6.66%	Chrys	10	11	11	15
ASB-16A	33	28.049	0.371	28.17	0.121	32.61%	0.04	0.121	0.108	0.068	56.20%	PS						
ASB-16B	69	25.121	0.517	25.297	0.176	34.04%	0.037	0.176	0.124	0.087	49.43%	PS						
ASB-16C	74	26.849	0.305	26.885	0.036	11.80%	0.043	0.036	0.066	0.023	63.89%	0.50%	0.32%	Chrys	1	1	0	0
ASB-17A	R	23.928	0.308	23.966	0.038	12.34%	0.04	0.038	0.068	0.028	73.68%	0.00%	0.00%			0		
ASB-17B	49	27.668	0.231	27.686	0.018	7.79%	0.04	0.018	0.052	0.012	66.67%	0.00%	0.00%					
ASB-17C	S	27.260	0.186	27.286	0.026	13.98%	0.044	0.026	0.057	0.013	50.00%	18.50%	9.25%		16	20	17	21
ASB-18A	70	23.956	0.226	24.183	0.227	100.44%	0.041	0.227	0.054	0.013	5.73%	20.00%	1.15%	Chrys	22	18	15	25
ASB-19A	57	30.805	0.188	31.002	0.197	104.79%	0.037	0.197	0.052	0.015	7.61%	PS						
ASB-19B	79	26.544	0.282	26.815	0.271	96.10%	0.04	0.271	0.052	0.012	4.43%	PS						
ASB-19C	102	24.668	0.149	24.932	0.264	42.95%	0.042	0.264	0.075	0.033	51.56%	3.25%	1.68%	Chrys	3	5	3	2
ASB-20AS	41	28.956	0.107	28.997	0.041	38.32%	0.042	0.041	0.059	0.017	41.46%	PS						
ASB-20B	K	28.955	0.140	29.004	0.049	35.00%	0.035	0.049	0.055	0.019	38.78%	PS						
ASB-20C	B																	

Project Name: POINT EAST MARITIME VILLAGE **Lab Number:** L1616233

Project Number: 131.06156.011 **Report Date:** 06/07/16

SAMPLE RESULTS

Lab ID: L1616233-09 Date Collected: 05/27/16 12:15

Client ID: MAINTENANCE BLDG LBP-3 Date Received: 05/27/16

Sample Location: BIRCH POINT RD., WISCASSET, ME Field Prep: Not Specified

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	87		mg/kg	3.0	0.13	1	06/06/16 12:25	06/06/16 14:01	EPA 3050B	1,6010C	AM

ANALYTICAL REPORT

Lab Number:	L1616228
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Steve Dyer
Phone:	(207) 772-2891
Project Name:	144 BIRCH RIDGE RD
Project Number:	131.06156.011
Report Date:	06/06/16

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 144 BIRCH RIDGE RD
Project Number: 131.06156.011

Lab Number: L1616228
Report Date: 06/06/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1616228-01	MAINT. BUILDING WINDOW DOOR TYPE 1	SOLID	WISCASSET, ME	05/26/16 16:35	05/27/16
L1616228-02	MAINT. BUILDING ROOF CAULKING	SOLID	WISCASSET, ME	05/26/16 16:40	05/27/16
L1616228-03	CAULKING DUP	SOLID	WISCASSET, ME	05/26/16 16:40	05/27/16
L1616228-04	MAINT. BUILDING WINDOW TYPE2 CAULKING	SOLID	WISCASSET, ME	05/26/16 16:45	05/27/16
L1616228-05	HILTON POND PUMP HOUSE DOOR CAULK	SOLID	WISCASSET, ME	05/26/16 16:50	05/27/16
L1616228-06	ASH POND PUMP HOUSE DOOR/WINDOW CAULK	SOLID	WISCASSET, ME	05/26/16 16:55	05/27/16

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228
Project Number: 131.06156.011 **Report Date:** 06/06/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	144 BIRCH RIDGE RD	**Lab Number:**	L1616228
Project Number:	131.06156.011	**Report Date:**	06/06/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

PCBs

L1616228-03, -05, and -06: The sample has elevated detection limits due to limited sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Cripps

Title: Technical Director/Representative

Date: 06/06/16

ORGANICS

PCBS

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228

Project Number: 131.06156.011 **Report Date:** 06/06/16

SAMPLE RESULTS

Lab ID:	L1616228-01	Date Collected:	05/26/16 16:35
Client ID:	MAINT. BUILDING WINDOW DOOR TYPE 1	Date Received:	05/27/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Solid	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 13:00
Analytical Date:	06/04/16 03:16	Cleanup Method:	EPA 3630
Analyst:	KB	Cleanup Date:	06/03/16
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method:	EPA 3665A
		Cleanup Date:	06/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	536	152.	1	A
Aroclor 1221	ND		ug/kg	536	157.	1	A
Aroclor 1232	ND		ug/kg	536	119.	1	A
Aroclor 1242	ND		ug/kg	268	96.0	1	A
Aroclor 1248	ND		ug/kg	536	150.	1	A
Aroclor 1254	ND		ug/kg	536	109.	1	A
Aroclor 1260	ND		ug/kg	536	120.	1	A
Aroclor 1262	ND		ug/kg	536	110.	1	A
Aroclor 1268	ND		ug/kg	268	94.6	1	A
PCBs, Total	ND		ug/kg	268	94.6	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228

Project Number: 131.06156.011 **Report Date:** 06/06/16

SAMPLE RESULTS

Lab ID:	L1616228-02	Date Collected:	05/26/16 16:40
Client ID:	MAINT. BUILDING ROOF CAULKING	Date Received:	05/27/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Solid	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 13:00
Analytical Date:	06/04/16 03:41	Cleanup Method:	EPA 3630
Analyst:	KB	Cleanup Date:	06/03/16
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method:	EPA 3665A
		Cleanup Date:	06/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	554	157.	1	A
Aroclor 1221	ND		ug/kg	554	162.	1	A
Aroclor 1232	ND		ug/kg	554	123.	1	A
Aroclor 1242	ND		ug/kg	277	99.2	1	A
Aroclor 1248	ND		ug/kg	554	155.	1	A
Aroclor 1254	ND		ug/kg	554	113.	1	A
Aroclor 1260	ND		ug/kg	554	124.	1	A
Aroclor 1262	ND		ug/kg	554	114.	1	A
Aroclor 1268	ND		ug/kg	277	97.8	1	A
PCBs, Total	ND		ug/kg	277	97.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228

Project Number: 131.06156.011 **Report Date:** 06/06/16

SAMPLE RESULTS

Lab ID:	L1616228-03	Date Collected:	05/26/16 16:40
Client ID:	CAULKING DUP	Date Received:	05/27/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Solid	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 13:00
Analytical Date:	06/04/16 03:54	Cleanup Method:	EPA 3630
Analyst:	KB	Cleanup Date:	06/03/16
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method:	EPA 3665A
		Cleanup Date:	06/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	957	272.	1	A
Aroclor 1221	ND		ug/kg	957	280.	1	A
Aroclor 1232	ND		ug/kg	957	213.	1	A
Aroclor 1242	ND		ug/kg	478	171.	1	A
Aroclor 1248	ND		ug/kg	957	268.	1	A
Aroclor 1254	ND		ug/kg	957	195.	1	A
Aroclor 1260	ND		ug/kg	957	215.	1	A
Aroclor 1262	ND		ug/kg	957	197.	1	A
Aroclor 1268	ND		ug/kg	478	169.	1	A
PCBs, Total	ND		ug/kg	478	169.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228

Project Number: 131.06156.011 **Report Date:** 06/06/16

SAMPLE RESULTS

Lab ID:	L1616228-04	Date Collected:	05/26/16 16:45
Client ID:	MAINT. BUILDING WINDOW TYPE2 CAULKING	Date Received:	05/27/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Solid	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 13:00
Analytical Date:	06/04/16 04:06	Cleanup Method:	EPA 3630
Analyst:	KB	Cleanup Date:	06/03/16
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method:	EPA 3665A
		Cleanup Date:	06/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	647	184.	1	A
Aroclor 1221	ND		ug/kg	647	189.	1	A
Aroclor 1232	ND		ug/kg	647	144.	1	A
Aroclor 1242	ND		ug/kg	324	116.	1	A
Aroclor 1248	ND		ug/kg	647	182.	1	A
Aroclor 1254	ND		ug/kg	647	132.	1	A
Aroclor 1260	ND		ug/kg	647	145.	1	A
Aroclor 1262	ND		ug/kg	647	133.	1	A
Aroclor 1268	ND		ug/kg	324	114.	1	A
PCBs, Total	ND		ug/kg	324	114.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228

Project Number: 131.06156.011 **Report Date:** 06/06/16

SAMPLE RESULTS

Lab ID:	L1616228-05	Date Collected:	05/26/16 16:50
Client ID:	HILTON POND PUMP HOUSE DOOR CAULK	Date Received:	05/27/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Solid	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 13:00
Analytical Date:	06/04/16 04:19	Cleanup Method:	EPA 3630
Analyst:	KB	Cleanup Date:	06/03/16
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method:	EPA 3665A
		Cleanup Date:	06/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	2020	574.	1	A
Aroclor 1221	ND		ug/kg	2020	591.	1	A
Aroclor 1232	ND		ug/kg	2020	449.	1	A
Aroclor 1242	ND		ug/kg	1010	362.	1	A
Aroclor 1248	ND		ug/kg	2020	567.	1	A
Aroclor 1254	ND		ug/kg	2020	412.	1	A
Aroclor 1260	ND		ug/kg	2020	454.	1	A
Aroclor 1262	ND		ug/kg	2020	416.	1	A
Aroclor 1268	ND		ug/kg	1010	356.	1	A
PCBs, Total	ND		ug/kg	1010	356.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228

Project Number: 131.06156.011 **Report Date:** 06/06/16

SAMPLE RESULTS

Lab ID:	L1616228-06	Date Collected:	05/26/16 16:55
Client ID:	ASH POND PUMP HOUSE DOOR/WINDOW CAULK	Date Received:	05/27/16
Sample Location:	WISCASSET, ME	Field Prep:	Not Specified
Matrix:	Solid	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	06/02/16 13:00
Analytical Date:	06/04/16 04:31	Cleanup Method:	EPA 3630
Analyst:	KB	Cleanup Date:	06/03/16
Percent Solids:	Results reported on an 'AS RECEIVED' basis.	Cleanup Method:	EPA 3665A
		Cleanup Date:	06/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCB by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	2020	574.	1	A
Aroclor 1221	ND		ug/kg	2020	591.	1	A
Aroclor 1232	ND		ug/kg	2020	449.	1	A
Aroclor 1242	ND		ug/kg	1010	362.	1	A
Aroclor 1248	ND		ug/kg	2020	567.	1	A
Aroclor 1254	ND		ug/kg	2020	412.	1	A
Aroclor 1260	ND		ug/kg	2020	454.	1	A
Aroclor 1262	ND		ug/kg	2020	416.	1	A
Aroclor 1268	ND		ug/kg	1010	356.	1	A
PCBs, Total	ND		ug/kg	1010	356.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: 144 BIRCH RIDGE RD
Project Number: 131.06156.011

Lab Number: L1616228
Report Date: 06/06/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/04/16 01:37
Analyst: KB

Extraction Method: EPA 3540C
Extraction Date: 06/02/16 13:00
Cleanup Method: EPA 3630
Cleanup Date: 06/03/16
Cleanup Method: EPA 3665A
Cleanup Date: 06/03/16
Cleanup Method: EPA 3660B
Cleanup Date: 06/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCB by GC - Westborough Lab for sample(s): 01-06 Batch: WG899884-1						
Aroclor 1016	ND		ug/kg	602	171.	A
Aroclor 1221	ND		ug/kg	602	176.	A
Aroclor 1232	ND		ug/kg	602	134.	A
Aroclor 1242	ND		ug/kg	301	108.	A
Aroclor 1248	ND		ug/kg	602	169.	A
Aroclor 1254	ND		ug/kg	602	123.	A
Aroclor 1260	ND		ug/kg	602	135.	A
Aroclor 1262	ND		ug/kg	602	124.	A
Aroclor 1268	ND		ug/kg	301	106.	A
PCBs, Total	ND		ug/kg	301	106.	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	142		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 144 BIRCH RIDGE RD
Project Number: 131.06156.011

Lab Number: L1616228
Report Date: 06/06/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCB by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG899884-2 WG899884-3									
Aroclor 1016	106		109		40-140	3		50	A
Aroclor 1260	110		111		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		99		30-150	A
Decachlorobiphenyl	134		136		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		90		30-150	B
Decachlorobiphenyl	**153**	Q	**156**	Q	30-150	B

Project Name: 144 BIRCH RIDGE RD
Project Number: 131.06156.011

Lab Number: L1616228
Report Date: 06/06/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information	Custody Seal
Cooler	
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1616228-01A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082-CAULK(14),TS100()
L1616228-02A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082-CAULK(14),TS100()
L1616228-03A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082-CAULK(14),TS100()
L1616228-04A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082-CAULK(14),TS100()
L1616228-05A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082-CAULK(14),TS100()
L1616228-06A	Glass 60mL/2oz unpreserved	B	N/A	2.3	Y	Absent	PCB-8082-CAULK(14),TS100()

*Values in parentheses indicate holding time in days

Project Name:	144 BIRCH RIDGE RD	**Lab Number:**	L1616228
Project Number:	131.06156.011	**Report Date:**	06/06/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers

Project Name:	144 BIRCH RIDGE RD	**Lab Number:**	L1616228
Project Number:	131.06156.011	**Report Date:**	06/06/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: 144 BIRCH RIDGE RD **Lab Number:** L1616228
Project Number: 131.06156.011 **Report Date:** 06/06/16

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: ***8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:*** Lead***; 8270D:*** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE_____ OF _____

ALPHA ANALYTICAL
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 5/27/16

ALPHA Job #: L1616228

Client Information

Client: Ransom Consulting
Address: 400 Commercial Street #404, Portland ME 04101
Phone: 207 772 2891
Email: stephen.dyer@ransom-env.com

Project Information

Project Name: Point East Maritime Village
Project Location: Wiscasset ME
Project #: 131.06056.011
Project Manager: Steve Dyer
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due:

Report Information - Data Deliverables

☑ ADEx ☑ EMAIL

Billing Information

☐ Same as Client info PO #: 9033

Regulatory Requirements & Project Information Requirements

☐ Yes ☑ No MA MCP Analytical Methods ☐ Yes ☑ No CT RCP Analytical Methods
☐ Yes ☑ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☑ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☑ No NPDES RGP
☐ Other State /Fed Program EPA TSCA Criteria _____

Additional Project Information:
USEPA NEDEP
* Brownfields project

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST via Soxhlet; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO
Filtration: ☐ Field ☐ Lab to do
Preservation: ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	PCB	Sample Comments	TOTAL # BOTTLES
L6228-01	Maintenance Building Window Door Type 1	5/26/16	1635	BULK	MCD	X		1
02	Maintenance Building Roof Caulking	5/26/16	1640	BULK	MCD	X		1
03	Caulking Dup	5/26/16	1640	BULK	MCD	X		1
04	Maintenance Building Window Type 2 caulking	5/26/16	1645	BULK	MCD	X		1
05	Hilton Pond Pump House Door Caulk	5/26/16	1650	BULK	MCD	X		1
06	Ash Pond Pump House Door/Window caulk	5/26/16	1655	BULK	MCD	X		1
	Container Type					A		
	Preservative					A		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Michelle Lee	5/26/2016 1700	T. Huddleson	5/27/16 1545
T. Huddleson	5/27/16 2020	[illegible]	5/27/16 2020

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)